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## UNITED STATES DISTRICT COURT <br> NORTHERN DISTRICT OF CALIFORNIA SAN FRANCISCO DIVISION

Sarah Andersen, an individual;
Kelly McKernan, an individual;
Karla Ortiz, an individual;
H. Southworth pka Hawke Southworth, an individual;
Grzegorz Rutkowski, an individual;
Gregory Manchess, an individual;
Gerald Brom, an individual;
Jingna Zhang, an individual;
Julia Kaye, an individual;
Adam Ellis, an individual;
Individual and Representative Plaintiffs, v.

Stability AI Ltd., a UK corporation;
Stability AI, Inc., a Delaware corporation;
DeviantArt, Inc., a Delaware corporation;
Midjourney, Inc., a Delaware corporation;
Runway AI, Inc., a Delaware corporation;
Defendants.

Case No. 3:23-cv-00201-WHO

FIRST AMENDED COMPLAINT
CLASS ACTION
DEMAND FOR JURY TRIAL

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Artists and plaintiffs Sarah Andersen, Kelly McKernan, Karla Ortiz, Hawke Southworth, Grzegorz Rutkowski, Gregory Manchess, Gerald Brom, Jingna Zhang, Julia Kaye, and Adam Ellis ("Plaintiffs"), on behalf of themselves and all others similarly situated, bring this class-action complaint against defendants Runway AI, Inc. ("Runway"); Stability AI Ltd. and Stability AI, Inc. (collectively "Stability"); Midjourney, Inc. ("Midjourney"); and DeviantArt, Inc. ("DeviantArt") (all collectively "Defendants"). Plaintiffs allege various violations of the Copyright Act (17 U.S.C. § 501); Digital Millennium Copyright Act (17 U.S.C. §§ 1202(a) \& (b)) as to all Defendants; violations of the Lanham Act (15 U.S.C. § 1125(a)(1)) as to Defendant Midjourney; and breach of contract as to Defendant DeviantArt.

## I. AI IMAGE PRODUCTS ARE TRAINED ON VAST NUMBERS OF COPYRIGHTED IMAGES WITHOUT CONSENT, CREDIT, OR COMPENSATION AND VIOLATE THE RIGHTS OF MILLIONS OF ARTISTS

1. An AI image product is a software product designed to output images through socalled artificial-intelligence techniques. But "artificial intelligence" is a misnomer. The AI image products at issue in this complaint are all built around the same asset: human intelligence and creative expression, in the form of billions of artworks copied from the internet. An AI image product simply divorces these artworks from the artists and attaches a new price tag. The profits from the misappropriation of these works can then flow directly into Defendants' pockets. But the artists who provided the intelligence and creativity - including Plaintiffs-were not asked for their consent. They were not given any credit. And they have not received one cent in compensation.
2. Under the hood, AI image products are powered by one or more machine-learning models (or simply models). Models are not programmed directly in the manner of traditional software, but rather trained. Training a model first requires amassing a huge corpus of data, called a dataset. The models at issue in this complaint were trained on datasets containing billions of images paired with descriptive captions. In this complaint, each image-caption pair is called a training image. During training of the model, the training images in the dataset are directly copied
in full and then completely ingested by the model, meaning that protected expression from every training image enters the model. As it copies and ingests billions of training images, the model progressively develops the ability to generate outputs that mimic the protected expression copied from the dataset. The outputs of a model are derived entirely and exclusively from what it has extracted from the dataset.
3. Users elicit images from AI image products through prompting. Early versions of AI image products only accepted text prompts-that is, short textual descriptions of an image. But Defendants have progressively evolved their AI image products to also accept images as prompts to allow users to describe their desired result more easily and precisely. Whether based on text, image, or a combination, a prompt is converted into a numerical descriptor called an CLIP embedding. This CLIP embedding is then used to guide the AI image product to generate an image resembling whatever is described by the prompt.
4. Defendants Runway and Stability have collaborated on the training and deployment of a series of models called Stable Diffusion. In September 2022, Stability CEO Emad Mostaque described it thus: "Stable Diffusion is the model itself. It's a collaboration that we did with a whole bunch of people ... We took 100,000 gigabytes of images and compressed it to a two-gigabyte file that can recreate any of those [images] and iterations of those. ${ }^{11}$ To train multiple versions of Stable Diffusion, Runway and Stability have each downloaded copies of billions of copyrighted images without permission-including those belonging to Plaintiffs. Runway and Stability induce others to download Stable Diffusion by distributing it for free through public websites. Runway and Stability also make Stable Diffusion available to end users by building it into AI image products that they market and sell. In August 2022, Mostaque wrote "Ironically [the] main funding of stability except me is ... artists" (ellipsis in original) followed by "Lol" (internet slang for "laughing out loud"). ${ }^{2}$

[^0]5. Defendant Midjourney has trained multiple models of its own and deployed them commercially as part of its AI image product. Midjourney has downloaded copies of billions of copyrighted images without permission to train its models-including those belonging to Plaintiffs. It has also copied the Stable Diffusion model and deployed it commercially as part of its AI image product. It sells subscription access to its AI image product.
6. Defendant DeviantArt has copied the Stable Diffusion 1.4 model and deployed it commercially as part of a subscription-based AI image product. This model was also trained on billions of training images, many of which were harvested from the artist portfolios hosted on DeviantArt's own website—including certain Plaintiffs.
7. Though the Defendants claim to be selling access to AI image products, what they're really selling is copyright infringement as a service. The scale of this misappropriation is staggering and unprecedented, with violations of law happening at every phase: the gathering and copying of the dataset, the training and deployment of the model, and the output images.
8. Worst of all, the Defendants hold out their AI image products as being able to create substantially similar substitutes for the very works they were trained on-either specific training images, or images that imitate the trade dress of particular artists-including Plaintiffs. This is already damaging the market for Plaintiffs' artwork and labor, and the art market more broadly. Midjourney, for instance, has repeatedly promoted the use of artist names-including Plaintiffs' names-within text prompts as a means of getting better results. Runway, Stability, and Midjourney also encourage the use of images including images made by Plaintiffs-as a means of prompting their AI image products. Recently, plaintiff Kelly McKernan was astonished to find that the top internet search

result for their name is now an AI-generated image made with Midjourney, prompted with Mx. McKernan's name. ${ }^{3}$ Without intervention, this is the grim future that awaits many other artists.
9. Though Defendants like to describe their AI image products in lofty terms, the reality is grubbier and nastier: AI image products are primarily valued as copyright-laundering devices, promising customers the benefits of art without the costs of artists.
10. Plaintiffs seek to end this unprecedented violation of their legal rights before their jobs, their professions, and their creative communities are demolished by Defendants.

## II. JURISDICTION AND VENUE

11. This Court has subject-matter jurisdiction under 28 U.S.C. § 1331 because this case arises under the Copyright Act (17 U.S.C. § 501) and the Digital Millennium Copyright Act (17 U.S.C. § 1202).
12. Jurisdiction and venue are proper in this judicial district under 27 U.S.C. § 1391(c)(2) because defendant Midjourney is headquartered in this district, and thus a substantial part of the events giving rise to Plaintiffs' claims occurred in this District. Each Defendant has transacted business, maintained substantial contacts, or committed overt acts in furtherance of the illegal scheme and conspiracy throughout the United States, including in this District. Defendants' conduct has had the intended and foreseeable effect of causing injury to persons residing in, located in, or doing business throughout the United States, including in this District.
13. Under Civil Local Rule 3.2(c) and (e), assignment of this case to the San Francisco Division is proper because defendant Midjourney is headquartered in San Francisco, and thus a substantial part of the events giving rise to Plaintiffs' claims and the interstate trade and commerce involved and affected by Defendants' illegal conduct occurred in this Division.
[^1]Case No. 3:23-cv-00201-WHO

## III. PLAINTIFFS

14. Sarah Andersen lives in Oregon and owns the copyright in training images shown under her name in Exhibit A (showing Plaintiff images in LAION-5B) and Exhibit B (showing Plaintiff images in LAION-400M). Ms. Andersen's copyright registrations for these works are included in Exhibit C, which contains copies of Plaintiffs' copyright registrations.
15. Kelly McKernan lives in Tennessee and owns the copyrights in training images shown under their name in Exhibit A. Mx. McKernan is a member of DeviantArt under the name 'kellymckernan', which is found in the text caption of some of their works.
16. Karla Ortiz lives in California and owns the copyrights in training images shown under her name in Exhibit A. Ms. Ortiz's copyright registrations for certain works are included in Exhibit C. ${ }^{4}$
17. H. Southworth PKA Hawke Southworth lives in Oregon and owns the copyrights in training images shown under his name in Exhibit A. Mr. Southworth is a member of DeviantArt under the name 'Hauket', which is found in the text captions of some of his works.
18. Grzegorz Rutkowski lives in Poland and owns the copyrights in training images shown under his name in Exhibit A. Mr. Rutkowski is a member of DeviantArt under the name ' 88 grzes ', which is found in the text captions of some of his works.
19. Gregory Manchess lives in Kentucky and owns the copyrights in training images shown under his name in Exhibit A. Mr. Manchess's copyright registrations for these works are included in Exhibit C.
20. Gerald Brom lives in Georgia and owns the copyrights in training images shown under his name in Exhibit A. Mr. Brom's copyright registrations for these works are included in Exhibit C.
21. Jingna Zhang lives in the state of Washington and owns the copyrights in training images shown under her name in Exhibit A and Exhibit B. Ms. Zhang's copyright registrations for

[^2]these works are included in Exhibit C. Ms. Zhang is a member of DeviantArt under the name 'Zemotion', which is found in the text captions of some of her works.
22. Julia Kaye lives in California and owns the copyrights in training images shown under her name in Exhibit A. Ms. Kaye's copyright registrations for these works are included in Exhibit C.
23. Adam Ellis lives in the state of New York and owns the copyrights in training images shown under his name in Exhibit A. Mr. Ellis's copyright registrations for certain works are included in Exhibit C.
24. The images shown in Exhibit A and Exhibit B are offered as a representative sample of works by Plaintiffs that appear in the LAION datasets, not an exhaustive or complete list. Plaintiffs confirmed that these particular images were in the LAION-5B and LAION-400M datasets respectively by searching for their own names on two websites that allow searching of the LAION datasets: https://haveibeentrained.com and https://rom1504.github.io/clip-retrieval/. On information and belief, all of Plaintiffs' works that were registered as part of the collections in Exhibit C and were online were scraped into one or both of these datasets.
25. The registrations shown in Exhibit C are only a partial list of registered copyrights owned by Plaintiffs.
26. Given the size of the LAION datasets and the search methodology of https://haveibeentrained.com and https://rom1504.github.io/clip-retrieval/, it is possible that there are more examples of Plaintiffs' works that have yet to be identified. It is also possible that a particular Plaintiff's work may be included in both datasets even if their works have so far only been identified in one.

## IV. DEFENDANTS

27. Defendant Stability AI Ltd. is a UK corporation with its principal place of business at 88 Notting Hill Gate, London, England, W11 3HP. Stability was founded in 2020 by Mohammad Emad Mostaque, a former hedge-fund manager. Mostaque is currently the Chief Executive Officer of Stability AI. Stability AI also employs Robin Rombach, formerly a member of
the CompVis research group at Ludwig Maximilian University in Munich, where he was a principal developer of the technology underlying Stable Diffusion.
28. Defendant Stability AI, Inc. is a Delaware corporation with its principal place of business at 88 Notting Hill Gate, London, England, W11 3HP. Stability AI Ltd. is a wholly owned subsidiary of Stability AI, Inc.
29. Defendant Midjourney, Inc. is a Delaware corporation with its principal place of business at 333 Harrison Street, Apt. 605, San Francisco CA 94105. Midjourney was founded in San Francisco in August 2021 by David Holz, who also serves as CEO.
30. Defendant DeviantArt, Inc. is a Delaware corporation with its principal place of business at 100 Gansevoort Street, New York NY 10014. DeviantArt was founded in 2000 by Angelo Sotira, Scott Jarkoff, and Matthew Stephens. In 2017, Wix.com, Inc. acquired DeviantArt. Wix acquired all of DeviantArt's corporate stock for $\$ 36$ million. In April 2022, Moti Levy became CEO of DeviantArt.
31. Defendant Runway AI, Inc. is a Delaware corporation with its principal place of business at 79 Walker Street, Floor 5, New York NY 10013. Runway was founded in New York in 2018 by Anastasis Germanidis, Alejandro Matamala-Ortiz and Cristóbal Valenzuela. Valenzuela is currently the CEO of Runway. Runway also employs Patrick Esser, formerly a member of the CompVis research group at Ludwig Maximilian University in Munich, where he was a principal developer of the technology underlying Stable Diffusion.

## V. AGENTS AND CO-CONSPIRATORS

32. The unlawful acts alleged against the Defendants in this class-action complaint were authorized, ordered, or performed by the Defendants' respective officers, agents, employees, representatives, or shareholders while actively engaged in the management, direction, or control of the Defendants' businesses or affairs. The Defendants' agents operated under the explicit and apparent authority of their principals. Each Defendant, and its subsidiaries, affiliates, and agents operated as a single unified entity.
33. Various persons or firms not named as Defendants may have participated as coconspirators in the violations alleged herein and may have performed acts and made statements in furtherance thereof. Each acted as the principal, agent, or joint venture of, or for other Defendants with respect to the acts, violations, and common course of conduct alleged herein.

## VI. CLASS ALLEGATIONS

## A. Class Definitions

34. Plaintiffs bring this action for damages and injunctive relief on behalf of themselves and all others similarly situated as a class action pursuant to Rules 23(a), 23(b)(2), and 23(b)(3) of the Federal Rules of Civil Procedure, on behalf of the following Classes:
"Injunctive Relief Class" under Rule 23(b)(2):
All persons or entities nationalized or domiciled in the United States that own a copyright interest in any work that was used to train any version of an AI image product that was offered directly or incorporated into another product by one or more Defendants during the Class Period.
"Damages Class" under Rule 23(b)(3):
All persons or entities nationalized or domiciled in the United States that own a copyright interest in any work that was used to train any version of an AI image product that was offered directly or incorporated into another product by one or more Defendants during the Class Period.

## "LAION-5B Damages Subclass" Under Rule 23(b)(3)

All persons or entities nationalized or domiciled in the United States that own a registered copyright in any work in the LAION-5B dataset that was used to train any version of an AI image product that was offered directly or incorporated into another product by one or more Defendants during the Class Period.

## "LAION-400M Damages Subclass" Under Rule 23(b)(3)

All persons or entities nationalized or domiciled in the United States that own a registered copyright in any work in the LAION-400M dataset that was used to train any version of an AI image product that was offered directly or incorporated into another product by one or more Defendants during the Class Period.
"DeviantArt Damages Subclass" under Rule 23(b)(3):
All members of the Damages Class who (1) maintained an account on DeviantArt; (2) posted copyrighted work on DeviantArt; and (3) had that work used to train any version of an AI image product.

## "Midjourney Named Artist Class" under Rule 23(b)(3):

All persons or entities who appear on the Midjourney Names List and whose names were invoked within prompts of the Midjourney Image Product during the Class Period.

These "Class Definitions" specifically exclude the following person or entities:
a. Any of the Defendants named herein;
b. Any of the Defendants' co-conspirators;
c. Any of Defendants' parent companies, subsidiaries, and affiliates;
d. Any of Defendants' officers, directors, management, employees, subsidiaries, affiliates, or agents;
e. All governmental entities; and
f. The judges and chambers staff in this case, as well as any members of their immediate families.

## B. Numerosity

35. Plaintiffs do not know the exact number of Class members, because such information is in the exclusive control of Defendants. Plaintiffs are informed and believe that there are at least thousands of Class members geographically dispersed throughout the United States such that joinder of all Class members in the prosecution of this action is impracticable.

## C. Typicality

36. Plaintiffs' claims are typical of the claims of their fellow Class members because Plaintiffs' claims arise out of the same course of conduct from which their injuries result. Plaintiffs and all Class own copyrights in the Works. Plaintiffs and the Class created or owned Works that were published on the internet by themselves or others. The Works were used to train various AI Image Products without permission. Plaintiffs and absent Class members were damaged by this and other wrongful conduct of Defendants as alleged herein. Damages and the other relief sought herein are common to all members of the Class.

## D. Commonality \& Predominance

37. Numerous questions of law or fact common to the entire Class arise from Defendants' conduct—including, but not limited to those identified below:
38. Direct Copyright Infringement: Whether Defendants violated the copyrights of Plaintiffs and the Class when they downloaded and stored copies of the Works; Whether Defendants violated the copyrights of Plaintiffs and the Class when they used copies of the Works to train AI Image Products.
39. Vicarious Copyright Infringement: Whether Defendants violated the copyrights of Plaintiffs and the Class when they distributed their AI Image Products in order to induce, materially contribute, or otherwise encourage users and licensees of their AI Image Products to directly infringe Plaintiffs and Class members' works.
40. DMCA Violations: Whether Defendants violated the rights of Plaintiffs and the Class by falsely attributing CMI to the models, and also making copies of Plaintiffs and Class members' Works with CMI removed or altered.
41. Lanham Act Violations: Whether Defendants misappropriated Plaintiffs and Class members' trade dress and distinctive look and feel in violation of the Lanham Act.
42. Common Law Violations: Whether the use of Plaintiffs and Class members' works to train, develop, and promote Defendants AI Image Products constitute an unjust benefit conferred upon Defendants to Plaintiffs' detriment.
43. Anticipated Defenses: Whether any affirmative defense excuses Defendants' conduct, including whether some or all of Defendants' conduct is allowed under fair use.
44. These and other questions of law and fact are common to the Class and predominate over any questions affecting the Class members individually.

## E. Adequacy

45. Plaintiffs will fairly and adequately represent the interests of the Class because they have experienced the same harms as the Class and have no conflicts with any other members of the Class. Furthermore, Plaintiffs have retained sophisticated and competent counsel ("Class

Counsel") who are experienced in prosecuting federal and state class actions throughout the United States and other complex litigation and have extensive experience advising clients and litigating intellectual property, competition, contract, and privacy matters.

## F. Other Class Considerations

46. Defendants have acted on grounds generally applicable to the Class, thereby making final injunctive relief appropriate with respect to the Class as a whole.
47. This class action is superior to alternatives, if any, for the fair and efficient adjudication of this controversy. Prosecuting the claims pleaded herein as a class action will eliminate the possibility of repetitive litigation. There will be no material difficulty in the management of this action as a class action.
48. The prosecution of separate actions by individual Class members would create the risk of inconsistent or varying adjudications, establishing incompatible standards of conduct for Defendants.

## VII. ARTISTS AND THEIR WORKS

49. Plaintiffs are artists who have created recognized and influential contemporary artwork.
50. Creating successful artwork that is recognized and appreciated, let alone for an artist to become financially successful, requires immense dedication, energy, and creativity. An artist may become well-known for a variety of reasons. But at core, each artist is known for the value of their particular expression. As such, it is important for artists to protect their works from being copied or used without their permission.
51. Copyright law protects artists' works from infringement by creating exclusive rights of artists to make copies of their works, to make derivative works of their copyrighted works, and to distribute such copies and derivative works, which protects the interests of artists and preserves the incentives for humans to producing art. As recognized by no higher source than the United States Constitution itself, copyright law is intended to "promote the Progress of Science and useful Arts." By offering artists protection, they can be rewarded for their efforts. In
accordance with copyright law, many artists, including certain Plaintiffs, register copyrights in their works.
52. Artists also protect their works in other ways. One of the most common ways is to affix a distinctive mark, watermark, signature, website URL or other identifying mark to their work. These marks ensure that artists receive credit and recognition for the artwork they have created and serves as a means to manage the use of their work.
53. A few examples of Plaintiffs' distinctive marks are below:

Ex. A at p. 5 (Plaintiff Brom's signature-lower right corner):


Ex. A at p. 13 (Plaintiff Brom's personal website URL-lower left corner):


Ex. A at p. 62 (Plaintiff Zhang's personal website URL-lower-right corner):
zhanojinona.com
Ex. A at p. 79 (Plaintiff Ortiz's signature-lower-right corner):


Ex. A at p. 86 (Plaintiff McKernan's mark-lower right corner):


Ex. A at p. 103 (Plaintiff Andersen's signature-lower right corner):

54. Artists and their livelihoods are facing a new threat, however. AI image products have begun to proliferate. As described more fully herein, these machine-learning models are trained on billions of artworks, many of which are protected either by being registered under the copyright laws, or otherwise designated as protected by, for example, bearing an artist's distinctive mark.
55. Machine-learning models depend on massive quantities of high-quality data that is digitally copied without authorization to train the model. The quality of the dataset a model is
trained on determines the quality of the model itself. The models within AI image products are no different. As a result, the images these models are trained on have an enormous impact on the quality of the models and the outputs they can produce. There are many images that are in the public domain, i.e., images that are not subject to copyright. The developers of many AI image products, however, made the decision to greatly expand the datasets their models are trained on by including billions of protected works. They made this choice because many desirable works are not in the public domain, i.e., are not subject to unfettered use by anyone without consent, credit, or compensation.
56. These AI image products compete with the artists whose very works comprise the raw material for the models within the AI image products. Rather than pay or commission an artist to create a particular work, pay an artist for a print or copy of a particular work, or pay for the artist's permission to use the work, now users and licensees of these AI image products merely have to prompt the AI image product using terms - such as an artist's name, or titles of their works-to generate an image indistinguishable from one the artist might've created themselves. Worse, certain users of AI image products have at times abused this "feature" to harass and annoy the artists themselves by making knockoff versions of their artwork and publicizing it.

## VIII. THE SOURCE OF THE TRAINING DATASETS: LAION

57. LAION (acronym for "Large-Scale Artificial Intelligence Open Network") is an organization based in Hamburg, Germany. According to its website, LAION is led by Christoph Schuhmann. LAION's stated goal is "to make large-scale machine learning models, datasets and related code available to the general public." All of LAION's projects are made available for free. Other members of LAION's current team include Stability engineers Robin Rombach and Katherine Crowson, and Google engineer Romain Beaumont.
58. LAION's most well-known projects are the datasets of training images it has released for training machine-learning models, which are now widely used in the AI industry.
59. In August 2021, LAION released LAION-400M, a dataset of 400 million training images assembled from images accessible on the public internet. At the time, LAION-400M was the largest freely available dataset of its kind. LAION distributes the LAION-400M dataset to the public through its own website and elsewhere. Information about LAION-400M is available in an accompanying paper by Schuhmann, Beaumont, and others titled "LAION-400M: Open Dataset of CLIP-Filtered 400 Million Image-Text Pairs," released in November 2021 (hereafter, the "LAION-400M Paper"). ${ }^{5}$
60. When one downloads the LAION-400M dataset, one gets a list of metadata records, one for each training image. Each record includes the URL of the image, the image caption, the similarity of the caption and image (as measured by the proximity of their respective CLIP embeddings), a NSFW flag (indicating whether the CLIP embedding of the image suggests that it contains so-called "not safe for work" content), and the width and height of the image.
61. The actual images referenced in the LAION-400M dataset records are not included with the dataset. Anyone who wishes to use LAION-400M for training their own machine-learning model must first acquire copies of the actual images from their URLs. To facilitate the copying of these images, LAION provides a software tool called `img2dataset ${ }^{6}$ that takes the metadata records as input and makes copies of the referenced images from the URLs in each metadata record, thereby creating local copies.
62. Training a model with the LAION-400M dataset cannot begin without first using `img2dataset` or another similar tool to download the images in the dataset. Thus, every person or entity that has trained a model on LAION-400M has necessarily made one or more copies of images belonging to Plaintiffs as shown in Exhibit B (Plaintiff images in LAION-400M), either by using `img2dataset` or another tool. These Plaintiffs never authorized any of these LAION dataset users to copy their images or use them for training any models.
63. One of the entities that has made unauthorized copies of the LAION-400M training images is LAION itself. According to the LAION-400M Paper, LAION made the dataset

[^3]by starting with Common Crawl metadata records. Common Crawl is a corpus of 250 billion web pages copied from the public web, including assets like Plaintiffs' images (https://commoncrawl.org/). The metadata records contain web URLs. According to the LAION-400M Paper, LAION created training images by first "pars[ing] through [the metadata records] from Common Crawl and pars[ing] out all HTML IMG tags containing an alt-text attribute [that is, a text caption]." Then, LAION "download[ed] the raw images from the parsed URLs". LAION-400M Paper at 3. To ensure that the training images in the dataset had reasonably accurate captions, LAION used a CLIP model to calculate the CLIP embeddings for the image and text of each image-text pair. These two CLIP embeddings were compared to measure how well the text described the image. Image-text pairs with low CLIP-similarity scores were omitted from the dataset.
64. Sometime after the release of LAION-400M in August 2021, Stability funded LAION's creation of a similar dataset, but much larger. In March 2022, Stability CEO Mostaque called himself "the biggest backer of LAION." ${ }^{7}$ In August 2022, Stability CEO Mostaque said "I funded LAION, underlying dataset for ... stable diffusion." ${ }^{8}$ (After the initial complaint in this action was filed, Mostaque changed his story, saying "We actually have/had no influence on CompVis or LAION, did not funded [sic] either." ${ }^{\prime \prime}$ )
65. In October 2022, LAION released LAION-5B, a dataset of 5.85 billion training images-more than 14 times bigger than LAION-400M. Information about LAION-5B is available in an accompanying paper called "LAION-5B: An open large-scale dataset for training next generation image-text models," by Schuhmann, Beaumont, Crowson, and others (hereafter, the "LAION-5B Paper"). ${ }^{10}$ According to the LAION-5B Paper, LAION-400M is a subset of LAION-5B, meaning every image in LAION-400M is also in LAION-5B.
66. Much like the LAION-400M dataset, when one downloads the LAION-5B dataset, one gets a list of metadata records, one for each training image. Each record includes the

[^4]URL of the image, the image caption, the similarity of the caption and image (as measured by their respective CLIP embeddings), the width and height of the image, and other metadata fields. Each record also includes a watermark detection score, which indicates the likelihood an image possesses a distinctive mark of a copyright holder, e.g., the artist.
67. Just like the LAION-400M dataset, the actual images referenced in the LAION5B dataset records are not included with the dataset. Anyone who wishes to use LAION-5B for training their own machine-learning model must first acquire copies of the actual images from their URLs. To facilitate the copying of these images, LAION provides a software tool called `img2dataset \({ }^{11}\) that takes the metadata records as input and makes copies of the referenced images from the URLs in each record, thereby creating local copies. 68. Training a model with the LAION-5B dataset cannot begin without first using `img2dataset`or another similar tool to download the images in the dataset. Thus, every person or entity that has trained a model on LAION-5B has necessarily made one or more copies of images belonging to Plaintiffs as shown in the Exhibit A (Plaintiff images in LAION-5B), either by using`img2dataset` or another tool. These Plaintiffs never authorized any of these LAION dataset users to copy their images or use them for training any models.
69. One of the entities that has made unauthorized copies of the LAION-5B training images is LAION itself. According to the LAION-5B Paper, the LAION-5B dataset was built in much the same way as the LAION-400M dataset. First, image-text pairs were assembled by starting with "Common Crawl's ... metadata files," extracting URLs of images with captions, and "download[ing] the raw images from the parsed URLs." LAION-5B Paper at 5. LAION then used a CLIP model to test the CLIP similarity of the image and text, omitting pairs with low similarity.
70. The authors of the LAION-5B Paper also included a boldface warning:
[W]e strongly recommend that LAION-5B should only be used for academic research purposes in its current form. We advise against any applications in deployed systems without carefully investigating behavior and possible biases of models trained on LAION-5B.

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71. Despite this warning that LAION-5B "should only be used for academic research purposes," all the defendants—Runway, Stability, Midjourney, and DeviantArt—have trained, distributed, promoted, or deployed commercial systems that rely on LAION-5B, directly in contravention of this warning.
72. Though LAION-400M and LAION-5B are often used to train diffusion models, they are used to train other models as well. For instance, Stability sponsored LAION's creation of OpenCLIP, a CLIP model trained on a subset of images from LAION-5B called LAION-2B consisting of training images with English-language captions. ${ }^{12}$ On information and belief, because all the Plaintiff images in Exhibit A (Plaintiff images in LAION-5B) have Englishlanguage captions, they are also part of LAION-2B and were thus used to train OpenCLIP. To create OpenCLIP, LAION necessarily had to create one or more copies of these images. Plaintiffs never gave their permission to LAION to copy their images or use them to train OpenCLIP.
73. It is possible to search whether a specific image is included in the LAION dataset through the use of the websites https://haveibeentrained.com and https://rom1504.github.io/clip-retrieval/. These websites use CLIP embeddings to search the LAION datasets to discover whether particular images are included. Based on the size of the datasets, however, and the search methodologies, exact or exhaustive results are not guaranteed for every example of a particular artist's work.

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74. Below is an image hosted on plaintiff Karla Ortiz's website:

75. A search of the LAION dataset for this image by Ms. Ortiz on https://rom1504.github.io/clip-retrieval/ may generate the below results:

76. The caption shown for the first image in the search results of the LAION dataset is exactly the same as the caption shown on Plaintiff Ortiz's website: "Serf and Greyhounds / 8.5 x 10 Graphite / Moleskin Show II, Spoke Art Gallery, 2012".
77. Further, inspection of the metadata given by https://rom1504.github.io/clipretrieval/ indicates that the image was scraped from the following URL:
https://images.squarespace-cdn.com/content/v1/510a0982e4b08fd84ce45a43/1359614369317-

Q1QXIFKXQCVCO4I62D06/ke17ZwdGBToddI8pDm48kNFwqbaKfT7OPsXFUnn0nBkUqsx RUqqbr1mOJYKfIPR7LoDQ9mXPOjoJoqy81S2I8N_N4V1vUb5AoIIIbLZhVYxCRW4BPu10St 3TBAUQYVKczZ8BZeDbXUHhGUs_1S_OvE6uym2Cge4vqvF4L8FpMvaIRyuEhmGLRxo5gMFxPRT/drawing_serfandhound.jpg, which indicates the source of the image was Ms. Ortiz's own website. In other words, the metadata indicates that this image was scraped from Ms. Ortiz's personal website for inclusion into the LAION datasets.
78. In this way, the captions included in the training images also function as copyrightmanagement information. Much as music publisher may search on a streaming platform for unlawful uses of their work in order to conduct a DMCA strike, artists utilize keywords (for example, their name) as search terms on https://haveibeentrained.com to identify whether their works have been scraped and used as training material for AI image products.
79. The developers of AI image products know the datasets upon which their models are trained contain copyrighted material. As admitted by Midjourney engineer Jack Gallagher on Midjourney's Discord server, Midjourney knew that attribution was a difficult issue:

80. Stability CEO Emad Mostaque has publicly acknowledged the importance of using licensed training images, saying that future versions of Stable Diffusion would be based on "fully licensed" training images. ${ }^{13}$ But so far, Stability has taken no steps to negotiate suitable licenses.

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Neither has Runway. Neither has Midjourney. They all just use LAION datasets - with no consent, no credit, and no compensation to the artists.
81. In July 2023, the topic of AI training reached the U.S. Senate. ${ }^{14}$ During a hearing convened by a subcommittee of the Senate Judiciary Committee, Sen. Mazie Hirono quizzed Ben Brooks, a representative from Stability, about Stability's position on licensing training data. Sen. Hirono asked directly, "So basically you don't pay for the data that you put into your-to train your models?" Mr. Brooks replied, "There is no arrangement in place." Sen. Hirono then turned to plaintiff Karla Ortiz, who was testifying on the same panel. "So you have Ms. Ortiz, who says that that is wrong. Is that correct, Ms. Ortiz?" Ms. Ortiz replied, "A hundred percent, Senator."

## IX. HOW AI IMAGE PRODUCTS WORK: CLIP-GUIDED DIFFUSION

82. CLIP-guided diffusion is a technique that uses two machine-learning models in cooperation. The first is called a diffusion model, which generates the image over a sequence of steps. The second is called a CLIP model, which converts the user prompt into a form that can be used to nudge the diffusion model closer to a suitable result at each step in the generation process.
83. Stable Diffusion is a model that generates images using CLIP-guided diffusion. Therefore, AI image products based on Stable Diffusion-including those offered by Runway, Stability, and DeviantArt—rely on CLIP-guided diffusion as well. In June 2022, a Midjourney developer confirmed on their public message board that "we use clip guided diffusion" too. ${ }^{15}$ Thus, the description below applies to all the AI image products at issue in this complaint.
84. In 2015, the diffusion technique for training a machine-learning model was proposed by a team of researchers led by Jascha Sohl-Dickstein at Stanford University and introduced in their paper "Deep Unsupervised Learning Using Nonequilibrium Thermodynamics." ${ }^{16}$ Though the technique can be applied to any kind of data, the description below uses digital images as an example.

[^8]85. Diffusion proceeds in two phases. To begin the training phase, initial copies are made of many training images. For each training image, progressively more noise is added over a series of steps. At each step, the model records how the addition of noise changes the image. By the last step, the image has been "diffused" into essentially random noise. A simplified version of this process is shown in the diagram below: ${ }^{17}$
86.

87. The diagram also illustrates that many intermediate copies of a training image are necessarily made during the training process, with increasing amounts of noise added.
88. After the diffusion model is trained, it can perform the second phase of diffusion, which is like the first but reversed. Having recorded the process of turning a certain image into noise over many steps, the model can then run the sequence backwards. Starting with a patch of random noise, the model applies the steps in reverse order. As it progressively removes noise (or "denoises") the data, the model is eventually able to reveal that image, as illustrated below:
89.


[^9]90. In sum, diffusion is a way for a machine-learning model to calculate how to reconstruct a copy of its training images. For each training image, a diffusion model finds the sequence of denoising steps to reconstruct that specific image. Then it stores this sequence of steps. In practice, this training would be repeated for many images - likely millions or billions. A diffusion model is then able to reconstruct copies of each training image based on this denoising process. Furthermore, being able to reconstruct copies of the training images is not an incidental side effect. The primary objective of a diffusion model is to reconstruct copies of its training images with maximum accuracy and fidelity. Or in the words of prominent machine-learning researcher Nicholas Carlini, who has studied the behavior of diffusion models: "diffusion models are explicitly trained to reconstruct the training set." ${ }^{18}$
91. In December 2020, the diffusion technique was improved by a team of researchers at UC Berkeley led by Jonathan Ho. These ideas were introduced in their paper "Denoising Diffusion Probabilistic Models." ${ }^{19}$
92. Ho showed how diffused images could be interpolated - meaning, blended mathematically - to produce new derivative images. Rather than combine two images pixel by pixel—which gives unappealing results—Ho showed how protected expression from training images can be stored in the diffusion model and then interpolated to generate another image.
93. The diagram below, taken from Ho's paper, shows how this process works, and demonstrates the difference in results between interpolating via pixels and interpolating via diffusion and denoising.

[^10]94.

Diffused source Source $x_{0}$
95. In the diagram, two photos are being blended: the photo on the left labeled "Source $\mathrm{x}_{0}$," and the photo on the right labeled "Source $\mathrm{x}^{\prime}{ }_{0}$. "
96. The image in the red frame has been interpolated pixel by pixel, and is thus labeled "pixel-space interpolation." This pixel-space interpolation simply looks like two translucent face images stacked on top of each other, not a single convincing face.
97. The image in the green frame, labeled "denoised interpolation," has been generated differently. In that case, the two source images have been converted into diffused images (illustrated by the crooked black arrows pointing upward toward the label "Diffused source"). Once these diffused images have been interpolated (represented by the green dotted line), the newly interpolated diffused image (represented by the smaller green dot) has been denoised into pixels (a process represented by the crooked green arrow pointing downward to a larger green dot). This process yields the image in the green frame.
98. Compared to the pixel-space interpolation, the difference is apparent: the denoised interpolation looks like a single convincing human face, not an overlay of two faces. An enlarged detail of the two interpolated images is shown below:
99.

100. Despite the difference in results, these two modes of interpolation are similar in that they both blend protected expression from the source images, but using different techniques.
101. In April 2022, the diffusion technique was further improved by a team of researchers led by Robin Rombach at Ludwig Maximilian University of Munich. These ideas were introduced in his paper "High-Resolution Image Synthesis with Latent Diffusion Models." ${ }^{20}$ (Rombach is currently employed by Stability as a developer of Stable Diffusion.)
102. Rombach's diffusion technique offered one key improvement over previous efforts. Rombach devised a way to supplement the denoising process with extra information, a technique called conditioning. One common tool for conditioning is a prompt, which is text or image provided by a user that might describe elements of the image, e.g.-"a dog wearing a baseball cap while eating ice cream." As the denoising process proceeds, the conditioning data is used to nudge the denoising process closer to the desired result.
103. Though in principle, conditioning data can come from a variety of sources, in the AI image products at issue in this complaint, the conditioning data is provided by a CLIP model.
104. In 2021, researchers from OpenAI introduced the idea of a CLIP model in a paper called "Learning Transferable Visual Models From Natural Language Supervision." ${ }^{21}$ A CLIP model quantifies the semantic correlation between images and captions.

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105. "CLIP" stands for "contrastive language-image pretraining." This connotes the idea that during training, a CLIP model learns to correlate images and captions by ingesting protected expression from training images along with their text captions. Whereas a diffusion model learns to generate actual images, the CLIP model learns to correlate images and captions. An image is meaningless to a CLIP model without its accompanying text caption. These images and their text captions are colloquially known as an "image-text pair" or "text-image pair" (or in this complaint, a training image).
106. These captions are often generated by the artists themselves. For example, when an artist uploads an image to their personal website, they may include a caption that describes the image and also identifies themselves as a way of managing the image's use. Examples of training images showing both image and caption are included in Exhibit A (Plaintiff images in LAION-5B) and Exhibit B (Plaintiff images in LAION-400M) attached hereto.
107. Like a diffusion model, a CLIP model is trained by copying and ingesting a huge number of training images - on the scale of hundreds of millions or billions. Though a diffusion model cooperates with a CLIP model in CLIP-guided diffusion, the two models are trained separately. They may be trained on the same training dataset. But this is not required.
108. For instance, by copying and ingesting a diverse set of images of dogs that have "dog" in the caption, the CLIP model will learn to correlate the word "dog" more strongly with images containing what humans perceive as dogs, and less with images of other things. The success of CLIP training depends on the training images having accurate captions. If all images of dogs are labeled "cat," then the CLIP model will make incorrect correlations. The CLIP model has no visual or other knowledge of the world that allows it to make these correlations. It is entirely dependent on the captions.
109. Consistent with this behavior, a CLIP model that is exposed to training images with a certain artist's name in the caption-say, plaintiff Grzegorz Rutkowski-will learn to associate the work of Mr. Rutkowski with the caption "Grzegorz Rutkowski."
110. The CLIP model is able to do this by converting both images and text captions into a common intermediate format called a CLIP embedding. The embedding is a list of numbers representing a point in a geometric space. To use an analogy, a CLIP embedding is like an $\mathrm{x}-\mathrm{y}$ coordinate in the two-dimensional plane, but with many more dimensions. To find out how well a particular image matches a particular caption, one converts both into their respective CLIP embeddings and measures the proximity of the CLIP embeddings within this geometric space. When the CLIP embeddings are closer together, it means there is a stronger semantic correlation between the image and the caption. In general, there is no human-intelligible meaning of the numbers in a CLIP embedding. They are only intelligible to the CLIP model.
111. In an AI image product, the role of a CLIP model is to guide the diffusion model toward the user's intended result. For example, if a user includes the word "dog" in the text prompt, first the CLIP model converts the prompt into a CLIP embedding. Then, as the diffusion model iteratively denoises the image, the CLIP embedding is used as conditioning data, nudging the image-denoising process toward a more dog-like result. Similarly, if a user includes the name of plaintiff "Grzegorz Rutkowski" in the text prompt, then as the diffusion model iteratively denoises the image, the CLIP embedding for the phrase "Grzegorz Rutkowski" nudges the image-denoising process toward a more Rutkowski-like result.
112. Certain words and phrases have stronger correlations within CLIP models. For example, artist names are particularly influential when included in a prompt. Indeed, users of AI image products quite often use an artist's name to get a particular result. Defendants actively promote such use.
113. As mentioned at the beginning of this section, this combination of a CLIP model and diffusion model is called CLIP-guided diffusion, and is used by all the AI image products at issue in this complaint.
114. Because a CLIP embedding can be generated from either text or an image, an AI image product that relies on CLIP-guided diffusion can be prompted with either text or image, since either can be converted into a CLIP embedding. Image prompts, however, tend to produce
more precise and descriptive CLIP embeddings. Thus, image prompting has become an increasingly prominent feature in AI image products, because it allows finer control of the prompting process.
115. To recap, an AI image product that works based on CLIP-guided diffusion contains two models that cooperate: a CLIP model and a diffusion model. Initially, the CLIP model is trained on a dataset of training images and learns to relate the semantic meaning of images and associated text through an intermediate format called a CLIP embedding. The diffusion model is also trained on a dataset of training images, and learns how to take a patch of noise and "denoise" it to reveal an image. These trained models are deployed as part of the AI image product. When a user submits a prompt to the AI image product-either text, image, or a combination - the CLIP model converts this prompt to an embedding. The embedding is then used as conditioning data as the diffusion model progressively generates the image through denoising. The image that emerges at the end of the denoising process is presented to the user as the output.

## X. PROTECTED EXPRESSION FROM TRAINING IMAGES IS COPIED, COMPRESSED, STORED, AND INTERPOLATED BY DIFFUSION MODELS

116. As mentioned above, training a diffusion model requires vast numbers of training images-often billions. When the training process is complete, a diffusion model is then able to reconstruct copies of each training image. Furthermore, being able to reconstruct copies of the training images is not an incidental side effect. The primary objective of a diffusion model is to reconstruct copies of its training images with maximum accuracy and fidelity.
117. Consistent with this, a machine-learning model—including a diffusion modelcan be conceptualized as an evolution of the database. As described by François Chollet, Google machine-learning researcher and author of the book Deep Learning with Python, "Deep learning takes data points and turns them into a query-able structure that enables retrieval and interpolation between the points. You could think of it as a continuous generalization of database technology. ... Because it is analogous to a database, the usefulness of a deep learning
system depends entirely on the data points it was constructed with. You get back what you put in (or interpolations of the same)." ${ }^{22}$ (Emphases added.)
118. With the phrase "continuous generalization of database technology," Chollet is contrasting a traditional database, which stores its data in discrete records, with a machinelearning model, which treats its data as sitting on a continuous geometric surface, called a manifold. The manifold is a mathematical construct discovered by the model during training, and represents the "information space" of the training data. By representing training data in a continuous rather than discrete manner, a machine-learning model permits flexible operations of data, such as measuring the proximity of data points, and as Chollet notes, "retrieval and interpolation" of data points. Furthermore, because the representations of the training data on the manifold are simplified compared to their original form, the model essentially uses the manifold to accomplish compression of the training dataset.
119. Though the framing of machine learning as a form of data compression has been resisted by some, research shows an ever-stronger connection between the two, and between diffusion models and compression in particular. In November 2023, a team of machine-learning researchers led by Yaodong Yu at UC Berkeley published a paper called "White-Box Transformers via Sparse Rate Reduction: Compression Is All There Is?" ${ }^{23}$ (Below, the "Yu Paper".) In their paper, the authors describe in detail a strong mathematical and experimental correspondence between diffusion models and data compression, and conclude by saying (italics in original, bold emphasis added):

[^12][W] e hope that this work ... help[s] clarify the ultimate capabilities of modern artificial intelligence (AI) systems ... Just as with all other natural phenomena or technical innovations that were once "black boxes" to people, significant confusion and anxiety is arising in society about the potential or implications of emerging new AI systems, including ... large image generation models such as Midjourney ... From the perspective of this work ... these large models are unlikely to do anything beyond purely mechanical data compression (encoding) and interpolation (decoding). That is, this work suggests that for these existing large AI models, however magical and mysterious they might appear to be: Compression is all there is.

Yu Paper at 53.
120. In public statements, Stability CEO Emad Mostaque and Stability itself have repeatedly and consistently characterized Stable Diffusion as a compressed copy of its training images. Some examples are listed below (emphases added):
121. In August 2022, Mostaque described Stable Diffusion in a recorded interview: "What happens is you take 250 thousand gigabytes of images and you compress it down to X gigabytes. We'll share the details soon. But it's surprisingly small."
122. In August 2022, Mostaque described Stable Diffusion in another recorded interview: "It's worth taking a step back and thinking about how crazy insane this is: we took a hundred terabytes of data - a hundred thousand thousand megabytes of images -2 billion of them - and we squished it down to a 2-4 gigabyte file. And that file can create everything that you've seen. That's insane, right? That's about as compressed as you can get."
123. In August 2022, Stability said in its launch announcement for Stable Diffusion that it "is the culmination of many hours of collective effort to create a single file that compresses the visual information of humanity into a few gigabytes." ${ }^{24}$
124. In September 2022, Mostaque said in a podcast interview: "Stable Diffusion is the model itself. ... We took 100,000 gigabytes of images and compressed it to a two-gigabyte file that can recreate any of those and iterations of those., ${ }^{25}$

[^13]125. In January 2023, Mostaque said in a podcast interview: "We took 100,000 gigabytes of image-label pairs-2 billion images - and created a 1.6 gigabyte file ... that basically compresses the visual information of a snapshot of the internet." ${ }^{26}$
126. In February 2023, Mostaque said in a podcast interview: "We've created the most efficient compression in the world." ${ }^{27}$
127. In May 2023, Mostaque said to a tech journalist that Stable Diffusion is "a hundred thousand gigabytes of images compressed to a two-gigabyte file." ${ }^{28}$
128. Though the estimated quantity of training images and size of the model has varied in these statements by Mostaque and Stability, the core message has been consistent: Stable Diffusion is a "compressed" version of its training images that can be used to "recreate any of those [images] and iterations of those."
129. The subject of whether diffusion models store copies of protected expression from their training images is an active area of research in the AI field. So far the answer is: yes they do, and as the models get larger, so does their capacity to store such copies (that is, "memorize").
130. This topic was explored in a January 2023 paper called "Extracting Training Data from Diffusion Models" by Nicholas Carlini of Google and others. ${ }^{29}$ (Below, the "Carlini Paper".) Carlini is one of the world's leading AI researchers. He often studies the security of machine-learning models, in particular issues related to the privacy and security of training data after it has been ingested into the model.
131. According to Carlini, " $[t]$ he appeal of generative diffusion models is rooted in their ability to synthesize novel images that are ostensibly unlike anything in the training set." But Carlini notes that "diffusion models are explicitly trained to reconstruct the training set." Carlini Paper at 12. Based on further experiments, Carlini concludes "that state-of-the-art diffusion models $d o$ memorize and regenerate individual training examples." Carlini Paper at 1.

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132. Carlini's experiment involved supplying text prompts to Stable Diffusion 1.4 to see if the prompts could elicit images essentially identical to those found in the training dataset. In many instances Carlini was able to coax Stable Diffusion 1.4 to output copies of its training images. An example from the paper is shown below, comparing certain training images with images output by Stable Diffusion. In each case, the image in the "Original" line is a training image; the image directly below in the "Generated" line is an image output from Stable Diffusion. As Carlini notes, the generated images are nearly identical to the training images:
133.


Generated:

134. Based on these tests with Stable Diffusion and another diffusion model, Carlini concludes that storage of copies of training images "is pervasive in large diffusion models-and that ... extraction [of these stored copies] is feasible." Carlini Paper at 7. Carlini concludes that "diffusion models memorize and regenerate individual training images ... and more useful diffusion models memorize more than weaker diffusion models. This suggests that the vulnerability of generative image models may grow over time." Carlini Paper at 15.
135. Carlini also poses a question: "[d]o large-scale models work by generating novel output, or do they just copy and interpolate between individual training examples?" Carlini Paper at 15 . He concludes that "because our attacks [i.e., attempts to elicit stored copies of training images] succeed, this question remains open." Carlini Paper at 15. François Chollet has taken an even stronger position, saying that "It's accurate that generative art models create new content by recombining images from their training data." ${ }^{30}$ Yaodong Yu concurs, stating "large image generation models ... are unlikely to do anything beyond purely mechanical data compression (encoding) and interpolation (decoding)." Yu Paper at 53.

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136. Carlini notes that a limitation of his experiment is that it relied on a very strict "definition of 'memorization': whether diffusion models can be induced to generate" essentially identical copies of certain training images "when prompted with appropriate instructions." Carlini Paper at 4. Carlini says later: "[o]ur work highlights the difficulty in defining memorization ... a more comprehensive analysis will be necessary to accurately capture more nuanced definitions of memorization that allow for more human-aligned notions of data copying." Carlini Paper at 15.
137. On information and belief, had Carlini adopted a more "human-aligned" standard of visual correspondence-say, output images that were merely substantially similar to training images—his experiment would've yielded many more successful results.
138. In May 2023, researcher Ryan Webster extended Carlini's research in this direction in a paper called "A Reproducible Extraction of Training Images from Diffusion Models. ${ }^{31}$ Webster found that by using a less strict technique for detecting stored copies of training images, more instances of stored copies could be discovered. Webster tested several diffusion models, including Stable Diffusion 2.0 and version 4 of the Midjourney Model, and found stored copies of training images within all of them.
139. Carlini's paper tested Stable Diffusion version 1.4, which had fewer than a billion parameters. (A parameter is a single numerical value that a model learns during training, and models with more parameters are considered "larger" than those with fewer.) But in July 2023, Stability released Stable Diffusion XL 1.0, which has 3.5 billion parameters. On information and belief, based on Carlini's theory that larger models are more likely to "memorize and regenerate individual training images," a model like Stable Diffusion XL 1.0 is even more likely to exhibit this behavior than the version 1.4 that Carlini tested.
140. More broadly, over time, AI image products are tending to adopt models with more parameters, and thus, according to Carlini's theory, these models are only getting better at storing copies of training images and regenerating them in whole or in part.

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141. A related topic was explored in a July 2023 paper called "Measuring the Success of Diffusion Models at Imitating Human Artists" ${ }^{32}$ by Stephen Casper of MIT and others. (Below, the "Casper Paper".)
142. Starting with a list of 70 artist names, Casper supplied prompts to Stable Diffusion version 1.5 in the form of "artwork from [name of artist]" to produce output images. Casper then passed these images into a CLIP model to see whether it could correctly predict the artist being imitated.
143. Casper found that the CLIP model "classified $81.0 \%$ of the generated images as works made by artists whose names were used to generated them ... Overall, these results suggest that Stable Diffusion has a broad-ranging ability to imitate the style of individual artists." Casper Paper at 3.
144. In sum - based on work by leading AI researchers, AI image products are only getting better and better at storing copies of training images and can even produce images indistinguishable from those created by a specific artist in the training dataset.
145. Carlini's paper shows that diffusion models - and Stable Diffusion in particularhave the ability to store copies of protected expression from training images and later regenerate it. Moreover, diffusion models have an increasing propensity to do so as they get larger, leading to a stronger inference that these models generate output merely by "copy[ing] and interpolat[ing] between individual training" images. Carlini Paper at 15.
146. Casper's paper shows another effect of this propensity to store copies of protected expression from training images: diffusion models—and Stable Diffusion in particular—are exceptionally good at creating convincing images resembling the work of specific artists if the artist's name is provided in the prompt. Casper Paper at 3.
147. Stable Diffusion is held out as an "open-source" program. But in the hands of Runway and Stability, the term "open source" is more of a marketing and competitive gimmick than a substantive virtue, intended mostly to ensure the widest distribution of Stable Diffusion,

[^17]and the economic opportunities that result. David Widder and others strongly criticized this corruption of the traditional meaning of "open source" in an August 2023 paper called "Open (for Business): Big Tech, Concentrated Power, and the Political Economy of Open API" ${ }^{33}$ (emphasis added below):

> As a rule, 'open' refers to systems that offer transparency, reusability, and extensibility-they can be scrutinized, reused, and built on. ... we also find that marketing around openness and investment in (somewhat) open AI systems is being leveraged by powerful companies to bolster their positions in the face of growing interest in AI regulation. And that some companies have moved to embrace 'open'AI as a mechanism to entrench dominance, using the rhetoric of 'open' AI to expand market power, and investing in 'open' AI efforts in ways that allow them to set standards of development while benefiting from the free labor of open source contributors ... Companies like... Stability AI offer open source AI models to their customers and the public. Their business models rely not on licensing proprietary models themselves, but on charging for extra features and services on top of open models, features such as API access, model training on custom data, and security and technical support as a paid service to clients...

Widder at 11.
148. If one downloads the Stable Diffusion 2.0 model from Stability via GitHub, ${ }^{34}$ one does not get everything one needs to operate Stable Diffusion 2.0, let alone train a comparable model from scratch. Rather, one gets a set of scripts (mostly written in Python) and configuration files for generating images using a weights file (not included, some assembly required). A weights file is a binary file that encodes all the information that the model captured during training by copying protected expression from training images. An example of a Stable Diffusion weights file is available at https://huggingface.co/stabilityai/stable-diffusion-2/blob/main/768-v-ema.ckpt. This is a mass of binary data that is meaningful when accessed via the Stable Diffusion scripts, but otherwise not intelligible to humans. In that way, the weights file has a status similar to that of a videogame cartridge or DVD—it contains protected expression that can be perceived only with the aid of a device (in this case, the accompanying software scripts), which can only be seen when interacted with using the appropriate device, for example, a videogame console or a DVD player.

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In other words, simply because certain code for a particular model is labeled "open source" does not mean one can meaningfully interrogate the model or experiment with it. All the value of the model is encapsulated in the weights file, and a weights file is unintelligible to human beings.
149. For this reason, the most direct method of interrogating a model is to generate output images with an AI image product containing that model.
150. The behaviors of diffusion models described in the Carlini Paper and the Casper Paper can be observed in the output of the AI image products offered by Stability, Runway, and Midjourney when prompted with Plaintiffs' names and images, as shown in the next sections.

## XI. EXAMPLES OF TEXT PROMPTS USING PLAINTIFF NAMES IN AI IMAGE PRODUCTS OFFERED BY STABILITY, RUNWAY, AND MIDJOURNEY

151. What follows are examples from the current versions of image products offered by Stability, Runway, and Midjourney (as of November 2023) showing the results of text prompts invoking the names of certain Plaintiffs.
152. As mentioned below, Plaintiffs have found at least one instance where a defendant (Stability) has apparently adjusted the behavior of its AI image product to make prompting with Plaintiffs' names more difficult, possibly in response to filing the initial complaint in this action. At this juncture, it is impossible for Plaintiffs to know the full scope of measures that Defendants may have adopted in their AI image products to frustrate Plaintiffs' investigation of the claims in this complaint.
153. On information and belief, each Defendant is able to control the output of their specific AI image products, including prohibiting the use of certain keywords in prompts. In this way, Defendants can exercise control over the behavior of their AI image products.
154. Stability: Stability makes the current version of Stable Diffusion available through an online AI image product called DreamStudio (https://beta.dreamstudio.ai). DreamStudio was used to make the text-prompt examples below. The version of the Stable Diffusion model made available in DreamStudio is called Stable Diffusion XL 1.0. This version of Stable Diffusion was trained on the Plaintiff works in Exhibit A.
155. Plaintiffs Sarah Andersen, Kelly McKernan, and Karla Ortiz cannot show samples of DreamStudio images with their names in the text prompts because their names have been blocked since the initial complaint in this action was filed. Using one of these three names in DreamStudio produces the error "Something isn't quite right with your prompts." Before Plaintiffs Andersen, McKernan and Ortiz filed their initial complaint, however, their names could be used as prompts to generate images.
156. On information and belief, Stability has blocked these names deliberately within its DreamStudio app as a response to Ms. Andersen, Mx. McKernan, and Ms. Ortiz that is intended to thwart investigation of their claims against Stability.
157. Plaintiff Grzegorz Rutkowski cannot show samples of Stable Diffusion images with his name in prompts. Due to the massive popularity of his name in Stable Diffusion promptsone report estimated Mr. Rutkowski's name had been invoked "over 400,000 times" ${ }^{35}-\mathrm{Mr}$. Rutkowski was also removed as a possible prompt.
158. Still, despite Stability's attempt to inhibit use of artist names in prompts, demonstrative output can still be elicited. The text-prompt examples for Stable Diffusion that appear below rely on the names of three plaintiffs who have not been blocked: Gregory Manchess, Gerald Brom, and Jingna Zhang.
159. Each of these artists has a distinctive artistic style that can be seen in the examples of their work included in Exhibit A:
a. Gregory Manchess is known for his classic oil paintings distinguished by their handcrafted brushwork, calligraphic style, and realistic themes.
b. Gerald Brom is known for his gritty, dark, fantasy images that combine classical realism, gothic, and countercultural aesthetics.
c. Jingna Zhang is known for her painterly and romantic photography, with special attention to color, movement, and props. (Many of the subjects of

[^19] Ms. Zhang's photographs happen to be Asian, a fact that is incidental to her work, but affects diffusion models in a peculiar way.)
160. The examples below appear in Exhibit D: Stability text prompts. To reveal the effect of an artist's name on a text prompt, each artist's name is combined with a single word representing a generic subject. For these examples, the subjects "chef" and "teacher" have been used. Any differences between the output for each text prompt must therefore be attributable to the influence of the artist's name on the prompt.
161. The first set of Stability text prompts consists of "chef," "gregory manchess chef," "gerald brom chef," and "jingna zhang chef." Exhibit D, pp. 1-4. The initial "chef" prompt shows what Stable Diffusion produces by default, without an artist name in the prompt. The Manchessinspired chefs are rendered in the calligraphic brushwork characteristic of Mr. Manchess's oil paintings. The Brom-inspired chefs have a gothic and countercultural air, including one serving a shrunken skull, like a typical artwork by Mr. Brom. The Zhang-inspired chefs are Asian and rendered photographically, like many of Ms. Zhang's images. In each case, the addition of the artist name causes the generic term "chef" to be rendered in a manner characteristic of the artist.
162. The next set of Stability text prompts consists of "teacher," "gregory manchess teacher," "gerald brom teacher," and "jingna zhang teacher." Exhibit D, pp. 5-8. The initial "teacher" prompt shows what Stable Diffusion produces by default, without an artist name in the prompt. The Manchess-inspired teachers are rendered in calligraphic brushwork with realistic settings, as frequently found in the artwork of Mr. Manchess. The Brom-inspired teachers are demonic, and feature images of weapons and skulls, like a characteristic artwork by Mr. Brom. The Zhang-inspired teachers are Asian and rendered photographically, like many of Ms. Zhang's images. As with "chef," the addition of the artist name causes the generic term "teacher" to be rendered in a manner characteristic of the artist. Furthermore, the changes provoked by the insertion of the artist name are comparable for both "chef" and "teacher."
163. Runway: Runway makes a text-to-image generator available via its online AI image product called AI Magic Tools (https://app.runwayml.com/). This online app was used to make
the text-prompt examples below. On information and belief, Runway's AI Magic Tools app uses Stable Diffusion 1.5, because Runway trained that version of Stable Diffusion, and trained it on the Plaintiff works in Exhibit A.
164. The examples below appear in Exhibit E: Runway text prompts.
165. The text-prompt examples for Runway use the same three plaintiffs as beforeGregory Manchess, Gerald Brom, and Jingna Zhang—and also Kelly McKernan and Sarah Andersen, who have not been blocked in Runway prompts.
166. Like the other three artists, Mx. McKernan and Ms. Andersen also have distinctive styles:
a. Kelly McKernan is known for their colorful, flowing, Art Nouveau-inspired images that frequently feature female-presenting subjects and intricate backgrounds.
b. Sarah Andersen is known for her black \& white comic, "Sarah's Scribbles," whose main character is a young woman with dark hair, large eyes, and a striped shirt.
167. The first set of Runway text prompts consists of "chef," "gregory manchess chef," "gerald brom chef," "jingna zhang chef," "kelly mckernan chef," and "sarah andersen chef." Exhibit E, pp. 1-4. The initial "chef" prompt shows what the Runway image product produces by default, without an artist name in the prompt. Much like the Stability results, the Manchess-inspired chefs are rendered in the calligraphic brushwork characteristic of Mr. Manchess's oil paintings. The Brom-inspired chefs have a gothic and countercultural air, with skulls hanging in the background of one image, typical of artworks by Mr. Brom. The Zhang-inspired chefs are Asian and rendered photographically, like many of Ms. Zhang's subjects. The McKernan-inspired chefs feature colorful female-presenting faces with elaborate hair and decorations, commonly found in Mx. McKernan's work. The Andersen-inspired chefs are all obvious variations on the main character of Ms. Andersen's celebrated comic "Sarah's Scribbles," and two of the images even include the panels common in Ms. Andersen's work.
168. The next set of Runway text prompts consists of "teacher," "gregory manchess teacher," "gerald brom teacher," "jingna zhang teacher," "kelly mckernan teacher," and "sarah andersen teacher." Exhibit E, pp. 5-8. The initial "teacher" prompt shows what the Runway image product produces by default, without an artist name in the prompt. Much like the Stability results, the Manchess-inspired teachers are rendered in calligraphic brushwork with realistic settings, common in the work of Mr. Manchess. The Brom-inspired teachers are fantastic, otherworldly creatures, resembling those often found in Mr. Brom's work. The Zhang-inspired teachers are Asian and rendered photographically, like many of Ms. Zhang's subjects. The McKernan-inspired teachers feature colorful female-presenting faces with elaborate hair and decorations, as often seen in Mx. McKernan's work. The Andersen-inspired teachers are all obvious variations on the main character of Ms. Andersen's comic "Sarah's Scribbles," and two of the images even include the panels common in Ms. Andersen's work.
169. Midjourney: Midjourney makes the current version of its AI image product available through an online discussion service called Discord (https://discord.com). Midjourney's AI image product is also called "Midjourney." Thus, for clarity below, the Midjourney AI image product as presented via Discord will be called the Midjourney Image Product. The text-prompt examples below were made using the Midjourney Image Product. Because the Midjourney Image Product incorporates both Stable Diffusion as an underlying model as well as a custom model trained by Midjourney, this latter model will be called the

## Midjourney Model.

170. The version of the Midjourney Model made available in the current Midjourney Image Product is version 5.2. On information and belief, this version of the Midjourney Model was trained on the Plaintiff works in Exhibit A. This is the default model used by the Midjourney Image Product. Midjourney Model 5.2 was used to make the examples below.
171. The examples below appear in Exhibit F: Midjourney text prompts.
172. The text-prompt examples for Midjourney use the same five plaintiffs as beforeGregory Manchess, Gerald Brom, Jingna Zhang, Kelly McKernan, and Sarah Andersen, who have not been blocked in Midjourney prompts.
173. By default, the Midjourney Model layers onto every output image what it calls the "Midjourney default aesthetic." Because this "default aesthetic" is an overbaked visual style supplied by designers at Midjourney, not the training images, it has been turned off in the examples below by appending "--style raw" to each prompt listed, thereby more accurately revealing the style changes that arise from changing the artist names.
174. The first set of Midjourney text prompts consists of "chef," "gregory manchess chef," "gerald brom chef," "jingna zhang chef," "kelly mckernan chef," and "sarah andersen chef." Exhibit F, pp. 1-6. The initial "chef" prompt shows what the Midjourney Model produces by default, without an artist name in the prompt. Much like the Stability results, the Manchessinspired chefs are rendered in the calligraphic brushwork characteristic of Mr. Manchess's oil paintings. The Brom-inspired chefs have a gothic and countercultural air, including several fantastic creatures, typical of artworks by Mr. Brom. The Zhang-inspired chefs are Asian and rendered photographically, like many of Ms. Zhang's works. The McKernan-inspired chefs feature colorful female-presenting faces with elaborate hair and decorations, commonly found in Mx. McKernan's work. The Andersen-inspired chefs are all obvious variations on the main character of Ms. Andersen's celebrated comic "Sarah's Scribbles."
175. The next set of Midjourney text prompts consists of "teacher," "gregory manchess teacher," "gerald brom teacher," "jingna zhang teacher," "kelly mckernan teacher," and "sarah andersen teacher." Exhibit F, pp. 7-12. The initial "teacher" prompt shows what the Midjourney Model produces by default, without an artist name in the prompt. Much like the Stability results, the Manchess-inspired teachers are rendered in calligraphic brushwork with realistic settings, common in the work of Mr. Manchess. The Brom-inspired teachers are demonic, and feature images of skulls, common motifs in Mr. Brom's work. The Zhang-inspired teachers are Asian and rendered photographically, like many of Ms. Zhang's images. The McKernan-inspired teachers
feature colorful female-presenting faces with elaborate hair and decorations, as often seen in Mx. McKernan's work. The Andersen-inspired teachers are all obvious variations on the main character of Ms. Andersen's comic "Sarah's Scribbles."
176. In sum, Stability's diffusion model (Stable Diffusion XL 1.0), Runway's diffusion model (inferred to be Stable Diffusion 1.5), and the Midjourney Model version 5.2 demonstrate behavior similar to that described in the Casper research paper: by adding a certain artist name to a prompt, one can consistently elicit characteristic elements of that artist's body of work in the output images, allowing the creation of unlimited output images that are substantially similar to, and could be mistaken for those of the original artist. These results are consistent between prompts and between models. This strongly suggests that the Stable Diffusion XL, the Runway model, and the Midjourney Model store copies of protected expression after copying and ingesting training images.

## XII. EXAMPLES OF IMAGE PROMPTS USING PLAINTIFF IMAGES IN AI IMAGE PRODUCTS OFFERED BY STABILITY, RUNWAY, AND MIDJOURNEY

177. What follows are examples from the current versions of AI image products offered by Stability, Runway, and Midjourney (as of November 2023) showing the results of prompting these AI image products with the works of certain Plaintiffs that appear in the LAION-5B dataset.
178. These examples demonstrate an even more precise way of prompting an AI image product: through image prompts. As explained above, systems based on CLIP-guided diffusion use a CLIP model to convert each text prompt to a numerical descriptor called a CLIP embedding, which in turn guides the diffusion process as the image emerges. When AI image products were first released, users would provide a text prompt as input, which was converted into a CLIP embedding.
179. But a CLIP model can also produce a CLIP embedding from an image. Thus, an image prompt for an AI image product works the same way as a text prompt, but with an image rather than text as the initial user input that produces the CLIP embedding. The CLIP embedding does not directly represent text or image data.
180. Stability: The first set of image-prompt examples were made with a Stability AI image product called Reimagine XL, released in May 2023. Reimagine XL is built atop the Stable Diffusion XL model that was also used for the text-prompt examples in the previous section. The difference is that Reimagine XL accepts image prompts rather than text prompts. As Stability explains ${ }^{36}$ (emphasis added below) -

The classical text-to-image Stable Diffusion XL model is trained to be conditioned on text inputs. [Reimagine XL] replaces the original text encoder with an image encoder. So instead of generating images based on text input, images are generated from an image. ... This approach produces similar-looking images with different details and compositions. Unlike the image-to-image algorithm, the source image is first fully encoded, so the generator does not use a single pixel from the original one!
181. The emphasized text is key: "not ... a single pixel" from the input image is being passed into the model, just a higher-level numerical description of the image in the form of a CLIP embedding. Stability emphasizes that every image output by Reimagine XL is freshly generated with its own "details and composition" and promises output images that are merely "similar."
182. Carlini's research indicated that large diffusion models like Stable Diffusion XL have a greater propensity for storing copies of protected expression from training images.
183. Exhibit G: Stability image prompts contains examples of prompting Reimagine XL with training images from Exhibit A (Plaintiff images in LAION-5B). These training images were made by plaintiffs Gerald Brom, Gregory Manchess, Grzegorz Rutkowski, Hawke Southworth, Jingna Zhang, Karla Ortiz, Kelly McKernan, and Sarah Andersen.
184. On each page of this exhibit, the original training image is positioned in the upper left; the other three images are output images. In every case, the output images are not merely similar to the training image, but substantially similar—in some cases startlingly so. On information and belief, because Stability says "not ... a single pixel" from the input image is being passed into Stable Diffusion XL (via the Reimagine XL image product), it would not be possible

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for Stable Diffusion XL to produce output images substantially similar to the training images unless it had stored copies of protected expression from those training images, and the CLIP embedding generated from the image prompt was eliciting the output of this copied expression.
185. Runway: The next set of image-prompt examples were made with Runway's AI Magic Tools using its "Image Variation" feature. On information and belief, based on the output of this tool, it works in a manner similar to Stability's Reimagine XL: none of the pixels of the input image are retained, but rather a CLIP embedding is generated from the input image, which guides the subsequent diffusion process.
186. Exhibit H: Runway image prompts contains examples of prompting Runway's Image Variation tool with training images from Exhibit A (Plaintiff images in LAION-5B). These training images were made by plaintiffs Gerald Brom, Gregory Manchess, Grzegorz Rutkowski, Hawke Southworth, Jingna Zhang, Karla Ortiz, and Kelly McKernan.
187. On each page of this exhibit, the original training image is positioned in the upper left; the other three images are output images. In every case, the output images are not merely similar to the training image, but substantially similar. On information and belief, it would not be possible for the Runway Image Variation tool to produce output images substantially similar to the training images unless it had stored copies of protected expression from those training images, and the CLIP embedding generated from the image prompt was eliciting the output of this copied expression.
188. Midjourney: The next set of image-prompt examples were made with Midjourney using its image-prompting feature. This feature was released by Midjourney one day after the initial complaint in this action was filed. According to Midjourney CEO David Holz, this feature does not copy pixels from the input, but rather "looks at the 'concepts' and 'vibes' of your images and merges them together into novel interpretations." ${ }^{37}$ According to Midjourney's documentation, using an image as a prompt merely "influence[s] a Job's composition, style, and colors." ${ }^{38}$

[^21]189. Exhibit I: Midjourney image prompts contains examples of prompting Midjourney with training images from Exhibit A (Plaintiff images in LAION-5B). These training images were made by plaintiffs Gerald Brom, Gregory Manchess, Grzegorz Rutkowski, Hawke Southworth, Jingna Zhang, Karla Ortiz, and Kelly McKernan. Midjourney requires that an image prompt be accompanied by a text prompt, so in these cases, each image prompt was supplemented by the artist name. Each prompt was also supplemented with the command `--iw 2` to ensure that the image portion of the prompt was treated as the primary part (where "iw" means "image weight"), thereby maximizing "the 'concepts' and 'vibes'" derived from the image.
190. On each page of this exhibit, the original training image is positioned in the upper left; the other three images are output images. In every case, the output images are not merely similar to the training image, but substantially similar. On information and belief, since Midjourney says only "'concepts' and 'vibes'" are being taken from the input image, it would not be possible for the Midjourney Model to produce output images substantially similar to the training images unless it had stored copies of protected expression from those training images, and the CLIP embedding generated from the image prompt was eliciting the output of this copied expression.
191. In sum, the models offered by Stability, Runway, and Midjourney demonstrate behavior apparently similar to that described in the Carlini paper: by using a sufficiently precise CLIP embedding as conditioning, one can consistently elicit protected expression from a training image, allowing the creation of unlimited output images that could be mistaken for copies of the training images. These results are consistent between prompts and between models.
192. Taken together, these examples of text prompting and image prompting strongly imply that diffusion models like the ones shown above store copies of protected expression from copying and ingesting training images.
193. Further, because the makers of these AI image products allow users and licensees to generate copies based on uploaded images and promote their models' ability to do so, the proliferation of CLIP models invite further infringement.
194. The models also create visually similar copies based on original work with copyright-management information removed or altered.
195. In this example (Ex. G at p. 2), the original image is in the top-left quadrant. Plaintiff Brom's CMI in the form of the URL for his personal website is clearly visible. None of the visually similar copies of the original image generated by the Stable Diffusion XL model contained the original CMI.

196. In this example (Ex. G at p. 13), the original image is in the top left. Plaintiff Zhang's CMI in the form of the URL for her personal website is clearly visible in bottom right corner. The Stable Diffusion model again generated visually similar copies of the work without its CMI.

197. In this example (Ex. G at p. 15), the original image is on the left. Plaintiff Ortiz's CMI in the form of her signature is visible on the bottom right. The Stable Diffusion model generated visually similar copies, including the one depicted which plainly showed Plaintiff Ortiz's CMI altered on the bottom-left corner of the image.

198. In this example (Ex. H at p. 2), the original image is on the left. Plaintiff Brom's CMI in the form of the URL for his personal website is clearly visible. The Runway model generated visually similar copies, including the one depicted with Plaintiff Brom's CMI removed.

199. In this example (Ex. H at p. 12), the original image is on the left. Plaintiff Zhang's CMI in the form of the URL for her personal website is clearly visible in the bottom-left of the image. The Runway model generated visually similar copies, including the one depicted to the right, with Plaintiff Zhang's CMI removed.

200. In each of these examples, the copies generated by the AI image product could not have been generated but for copying the original image which included CMI by operation of the processes described herein.

## XIII. USER AND LICENSEE ACTIVITY

201. What is described herein is not hypothetical-individuals have and are using the AI image products to create images that mimic and imitate Plaintiffs and Class members' work. Further, users and licensees, with assistance from Defendants, track and update the specific artists (including Plaintiffs) which the AI image products are able to mimic or imitate.
202. Midjourney Image Product users and licensees maintain a spreadsheet that features community-created images and tracks the specific artists that the Midjourney Image Product can successfully mimic or imitate. The list includes thousands of artists and tracks userand licensee-generated works using artist names as prompts for various versions of the Midjourney Model. Plaintiffs listed in the Midjourney community-generated spreadsheet include Sarah Andersen, Gerald Brom, Gregory Manchess, Kelly McKernan, and Jingna Zhang.
203. An AI image product user posted onto the internet a purported study representing " $[a]$ collection of images from Midjourney that demonstrate the recognized artist styles and their
results on Midjourney (v4 model)." ${ }^{39}$ The purpose of the post was, in the words of the user, to "help decide the style to invoke when prompting the AI to create your desired images. The user used the following prompt into Midjourney "Art by <artist name>." Included in the study were several Plaintiffs including Sarah Andersen, Kelly McKernan and Jingna Zhang.
204. That same individual later posted an "artist study" wherein the individual used the prompt "art by<artist>" with a "negative prompt" of "blurry, soft, low quality"; the artist's name as the only change in the prompt into Stable Diffusion XL. ${ }^{40}$ As demonstrated by the user, "[ [] he prompt was straight forward 'art by <artist>' which would get the SDXL mode [sic] to emulate the style and creations of that artists [sic]." Included in this artist study were several of the Plaintiffs including Sarah Andersen, Gerald Brom, Kelly McKernan, Karla Ortiz and Jingna Zhang.
205. Another example involves users conducting "Artist Style Studies" using "Stable Diffusion V1". ${ }^{41}$ The user input a series of six prompts, where in prompt 1-3 included "a portrait of a character in a scenic environment by [artist]" and prompts 4-6 included "a building in a stunning landscape by [artist]." This particular study includes over 1781 artists to date, and includes a form to recommend other artist names to input. Plaintiffs who have been included in this study include Plaintiffs Andersen, Brom, McKernan, Ortiz, and Zhang.
206. Similar artist studies exist for the Runway Models, including compilations of artists whose names were confirmed to be recognized by Stable Diffusion 1.5 and other Runway Models, i.e., artists who the Runway Models were capable of mimicking or imitating.
207. As these example images show, users of AI image products are employing machine-learning models to create output that is indistinguishable from works created by Plaintiffs and Class Members. Users are doing so with the intent of emulating the artist's work without any of the compensation or credit that would typically be required if an individual wants to commission an artist to create artwork.

[^22]208. This is not done without assistance by Defendants. Defendants each materially assist by distributing the models themselves. As described herein, Defendants also encourage the use of specific artist names - including Plaintiffs - as text prompts in order to adduce artwork indistinguishable from Plaintiffs' from the AI Image Products.

## XIV.DEFINITIONS FOR THE CAUSES OF ACTION

209. The term Statutory Copy denotes the definition of copies in 17 U.S.C. § 101 of the U.S. Copyright Act: "material objects ... in which a work is fixed by any method ... and from which the work can be perceived, reproduced, or otherwise communicated, either directly or with the aid of a machine or device."
210. The term Statutory Derivative Work denotes the definition of derivative work in 17 U.S.C. § 101 of the U.S. Copyright Act: "a work based upon one or more preexisting works, such as ... [an] abridgment, condensation, or any other form in which a work may be recast, transformed, or adapted."
211. The term LAION-5B Works denotes the works in Exhibit A, all of which are part of the LAION-5B dataset. Each Plaintiff is the author of one or more of the LAION-5B Works. The Plaintiffs hold the exclusive rights to their respective LAION-5B Works under 17 U.S.C. § 106, including the rights to make Statutory Copies, prepare Statutory Derivative Works, and distribute both Statutory Copies and Statutory Derivative Works.
212. The term LAION-5B Registered Works denotes the subset of works in the LAION-5B Works that are covered by registered copyrights.
213. The term LAION-5B Registered Plaintiffs denotes the subset of plaintiffs who hold copyrights in these LAION-5B Registered Works that were registered before the filing of the initial complaint in this action, namely Sarah Andersen, Jingna Zhang, Gerald Brom, Gregory Manchess, Julia Kaye, and Adam Ellis.

## XV.CAUSES OF ACTION AGAINST STABILITY

214. Between April and November 2022, Stability trained an image model called Stable Diffusion 2.0. According to Stability, "The model developers used the following dataset for
training the model: LAION-5B and subsets 5B" (see https://huggingface.co/stabilityai/stable-diffusion-2\#training).
215. Between November 2022 and July 2023, Stability trained an image model called Stable Diffusion XL 1.0. On information and belief, Stable Diffusion XL is also trained on LAION-5B, because Stability has funded LAION and used LAION datasets for all its previous models. AI chipmaker NVIDIA features Stable Diffusion XL as one of its "AI Foundation Models." On its information page for Stable Diffusion XL, the training dataset is listed as LAION-5B. ${ }^{42}$
216. Because LAION-5B is an openly accessible dataset, Stability knew the LAION-5B dataset contained copyrighted works, including those of the LAION-5B Registered Plaintiffs. Additionally, because the LAION-5B dataset contains detection scores for watermarks and because CMI is ubiquitous in art, Stability also knew that the LAION-5B dataset contained copyrighted works with CMI affixed to them.
217. The LAION-5B Registered Works are included in the LAION-5B dataset. Therefore, Stability used the LAION-5B Registered Works for training. Below, the term Stability Models refers to all models trained by Stability on the LAION-5B Registered Works, including Stable Diffusion 2.0 and Stable Diffusion XL 1.0.
218. Since the filing of Plaintiffs Andersen, McKernan, and Ortiz's initial complaint, Stability has changed the behavior of the Stability models. Plaintiffs Andersen, McKernan and Ortiz's names can no longer be used as prompts. Plaintiff Rutkowski's name has similarly been blocked as a prompt. As demonstrated herein, however, each of their names have been used in the past with Stability Models to generate work that mimicked their works.
[^23]
## COUNT ONE

## Direct copyright infringement of the LAION-5B Registered Works

 by training the Stability Models, including Stable Diffusion 2.0 and Stable Diffusion XL 1.0 against Stability on behalf of the LAION-5B Registered Plaintiffs and Damages Subclass219. The preceding factual allegations are incorporated by reference.
220. The LAION-5B Registered Plaintiffs never authorized Stability to use their respective LAION-5B Registered Works in any way. Nevertheless, Stability repeatedly violated the exclusive rights (under 17 U.S.C. § 106) of the LAION-5B Registered Plaintiffs and continues to do so today.
221. The LAION-5B dataset contains only URLs of training images, not the actual training images. Therefore, anyone who wishes to use LAION-5B for training their own machinelearning model must first acquire copies of the actual training images from their URLs using the img2dataset or other similar tool. Consistent with this, in preparation for training the Stability Models, Stability made one or more Statutory Copies of the LAION-5B Registered Works so they could be fed to each Stability Model as training data. The Statutory Copies made of each registered work were substantially similar to that registered work.
222. During the training of each Stability Model, Stability made a series of intermediate Statutory Copies of the LAION-5B Registered Works. For instance, diffusion models are trained by creating "noised" copies of training images, as described herein, all of which qualify as Statutory Copies. The intermediate Statutory Copies of each registered work that Stability made during training of the Stability Models were substantially similar to that registered work.
223. By the end of training, Stable Diffusion XL 1.0 was capable of reproducing protected expression from each of the LAION-5B Registered Works that was in each case substantially similar to that registered work, as shown in Exhibit D: Stability text prompts and Exhibit G: Stability image prompts. Therefore, Stable Diffusion XL 1.0 qualifies as an infringing Statutory Copy of the LAION-5B Registered Works. Because Stable Diffusion XL 1.0
represented a transformation of the LAION-5B Registered Works into an alternative form, Stable Diffusion XL 1.0 also qualifies as an infringing Statutory Derivative Work.
224. Executives and high-level employees of Stability know that one of the most attractive features of the Stability models is its ability to mimic and copy artists' works, including Plaintiffs. As such, they routinely advertise the Stability Models' ability to mimic artwork.
225. For example, once Stability prohibited the use of Plaintiff Rutkowski's name as a prompt, Stability's employees and executives encouraged the use of similar artist names in lieu of Plaintiff Rutkowski's in order to achieve similar results.
226. For example, Katherine Crowson, a principal researcher at Stability AI tweeted the following on November 24, 2022:

227. Emad Mostaque, Stability's CEO retweeted Crowson's advice:

228. Stability also maintains a Discord channel where executives routinely offered resources to users including encouragement to use artist names as prompts:
< Search
229. Zero disrespect will be tolerated, the ban
hammer will fall. If you see anything untoward
please report immediately.
Any questions feel free to mail info@stability.ai or
ping a mod. Also if you want to help out here, ping
us!
Enjoy and don't forget to tag and attribute
\#StableDiffusion when you post your masterpieces.
Also don't forget to y your favourites and help
each other, there is a handy artist guide here by
@sureailabs. They get bonus points (points mean
prizes): https://gainful-zone-eb1. notion.site/
7ddce417501342288b5190aa969549b3
Emad (edited)
sureail labs workspace on Notion
Stable Diffusion Artist Tests
All prompts are "Artwork by [Artist Name]".
Each has artist has 3 examples (click-through
to see). Seeds are random. Default settings.
Outputs were collected on August 4th and 5th,
230. 

No tags at the moment - might do it later. This is
a visual reference guide for artist styles that I,
@sureailabs, personally enjoy. It is not meant to
house a...
229. On information and belief, the other Stability Models exhibit the same properties, because they were trained on the same LAION-5B dataset.
230. Since November 2022, Stability has distributed Stable Diffusion 2.0 to the public, for instance via websites like GitHub (see, e.g., https://github.com/Stability-AI/stablediffusion) and Hugging Face (see, e.g., https://huggingface.co/stabilityai/stable-diffusion-2). Since July 2023, Stability has distributed Stable Diffusion XL 1.0 to the public, for instance via websites like GitHub (see, e.g., https://github.com/Stability-AI/generative-models) and Hugging Face (see, e.g., https://huggingface.co/stabilityai/stable-diffusion-xl-base-1.0). In so doing, Stability infringed the exclusive distribution rights of the LAION-5B Registered Plaintiffs.
231. The LAION-5B Registered Plaintiffs have been and continue to be injured by Stability's multiple acts of direct copyright infringement. These plaintiffs are entitled to statutory damages, actual damages, restitution of profits, and other remedies provided by law.

## COUNT TWO

## Inducement of copyright infringement <br> by distributing Stable Diffusion 2.0 and Stable Diffusion XL 1.0 for free against Stability on behalf of the LAION-5B Registered Plaintiffs and Damages Subclass

232. The preceding factual allegations are incorporated by reference.
233. Stability distributes Stable Diffusion 2.0 and Stable Diffusion XL 1.0 under the MIT License, which allows anyone to download, use, and deploy the Stability Models for free, for instance, via websites like GitHub (see https://github.com/Stability-AI/stablediffusion) and Hugging Face (see https://huggingface.co/stabilityai/stable-diffusion-2).
234. Stable Diffusion 2.0 and Stable Diffusion XL 1.0 violate the exclusive rights (under 17 U.S.C. § 106) of the LAION-5B Registered Plaintiffs. Therefore, anyone who in fact downloads, uses, or deploys Stable Diffusion 2.0 or Stable Diffusion XL 1.0 is engaged in infringing activity.
235. Stability has made a material contribution to this infringing activity by creating Stable Diffusion 2.0 and Stable Diffusion XL 1.0 and then distributing them for free.
236. Stability intends to cause further infringement with Stable Diffusion 2.0 and Stable Diffusion XL 1.0. In an interview in September 2022, Stability CEO Emad Mostaque said: "So Stable Diffusion is the model itself. It's a collaboration that we did with a whole bunch of people ... We took 100,000 gigabytes of images and compressed it to a two-gigabyte file that can recreate any of those and iterations of those." (emphasis added). With this comment, Mostaque explicitly promoted the ability of Stable Diffusion to "recreate"-that is, infringe the copyright of-images in its training dataset, including the LAION-5B Registered Works.
237. The LAION-5B Registered Plaintiffs have been and continue to be injured by Stability's inducement of copyright infringement. These plaintiffs are entitled to statutory damages, actual damages, restitution of profits, and other remedies provided by law.

## COUNT THREE

## DMCA violations

by removing and altering CMI of training images
against Stability
on behalf of all Plaintiffs, the Damages and the Injunctive Classes
238. The preceding factual allegations are incorporated by reference.
239. The LAION-5B Plaintiffs included one or more forms of CMI (as defined in Section 1202(c) of the DMCA) in each of their respective works in the LAION-5B Works, including captions, and distinctive marks such as URLs to personal websites, signatures, and watermarks.
240. Stability did not contact Plaintiffs and the Class to obtain authority to remove or alter CMI from their works within the meaning of the DMCA.
241. Stability knew the LAION-5B dataset contained CMI. The LAION-5B dataset includes a detection score for watermarks which indicates the likelihood a particular image in the dataset contains a watermark or other distinctive mark signaling the presence of CMI. Stability therefore could have trained the Stability Models on images free of CMI, but instead chose not to because images with CMI tend to be high-quality.
242. Stability had access to but were not licensed by Plaintiffs or the Class to incorporate their works in the Stability Models.
243. Stability had access to but were not licensed by Plaintiffs or the Class to create copies based on their works into the Stability Models.
244. Stability had access to but were not licensed by Plaintiffs or the Class to distribute their works as Stability does through the Stability Models.
245. Without the authority of the Plaintiffs, Stability directly copied the LAION-5B Works and used these Statutory Copies as training data for the Stability Models. The works copied by Stability included CMI, including in the form of distinctive marks such as watermarks or signatures, and as the captions in the image-text pairs. The training process is designed to
remove or alter CMI from the training images. Therefore, Stability intentionally removed or altered CMI from the Plaintiffs' works in violation of 17 U.S.C. § 1202(b)(1).
246. Stability also knew that the distribution of works without CMI would lead to further infringement. Stability encourages the use of artist names as prompts, i.e., encourages the Stability Models' users and licensees to infringe on an artists' work. Because the Stability Models do not preserve CMI, users and licensees also create infringing works without CMI which can reasonably lead to further infringement.
247. Without the authority of the LAION-5B Plaintiffs, Stability directly copied the LAION-5B Works and used these Statutory Copies as training data for the Stability Models. The training process is designed to remove or alter CMI from the training images. As demonstrated herein, the Stability Models generate copies based on original images with the CMI removed and/or altered as output. Therefore, Stability intentionally removed or altered CMI from the LAION-5B Works in violation of 17 U.S.C. § 1202(b)(1).
248. Stability distributes the Stability Models under the MIT License (see, e.g. -https://github.com/Stability-AI/stablediffusion/blob/main/LICENSE). Within this license, Stability asserts copyright in the Stability Models. By asserting copyright in the Stability Models, which infringe the copyrights of the LAION-5B Plaintiffs, Stability is providing and distributing false CMI in violation of 17 U.S.C. § 1202(a).
249. Stability knew or had reasonable grounds to know that this removal of the LAION5B Plaintiffs' CMI would facilitate copyright infringement by concealing the facts that a) the Stability Models are infringing Statutory Copies of the LAION-5B Works, and b) the Stability Models are infringing Statutory Derivative Works based on the LAION-5B Works.
250. The LAION-5B Plaintiffs have been injured by Stability's removal or alteration of CMI. The LAION-5B Plaintiffs have been injured by Stability's falsification of CMI by claiming false copyright in the Stability Models. These plaintiffs are entitled to statutory damages, actual damages, restitution of profits, and other remedies provided by law.

## COUNT FOUR

## Unjust enrichment

under Cal. Bus. \& Prof. Code § 17200 and California Common Law against Stability on behalf of all Plaintiffs, the Damages and the Injunctive Classes
251. The preceding factual allegations are incorporated by reference.
252. Stability has unjustly misappropriated the LAION-5B Works in order to develop, train and promote the Stability Models, enabling it to receive profit and other benefits. It would be unjust for Stability to retain these benefits.
253. Plaintiffs and the Class have invested substantial time and energy in creating their works, including those included as LAION-5B Works.
254. By using Plaintiffs' works to train, develop and promote the Stability Models, Plaintiffs and the Class were deprived of the benefit of the value of their works, including monetary damages.
255. Plaintiffs did not consent to the unauthorized use of their works to train, develop and promote the Stability Models.
256. Stability derived profit and/or other benefits from the use of Plaintiffs' works to train, develop and promote the Stability Models.
257. It would be unjust for Stability to retain those benefits.
258. Plaintiffs are entitled to restitution, including disgorgement of profits and a constructive trust over all assets created with the Stability Models.

## XVI. CAUSES OF ACTION AGAINST MIDJOURNEY

259. Midjourney promotes the Midjourney Image Product, which is accessed and run through Discord. Midjourney maintains its own Discord server from which users can access the Midjourney image generator. Midjourney's Discord server also allows Midjourney executives and other high-level employees to provide promotional communications to users and licensees of the Midjourney Image Product.
260. In February 2022, near the release of the initial version of the Midjourney Image Product, Midjourney CEO David Holz posted messages on the Midjourney Discord server promoting the Midjourney Image Product's ability to emulate existing artistic styles, in particular the styles of certain artists.
261. Over a series of Discord messages, Holz said "i think you're all gonna get [your] mind blown by this style feature ... we were very liberal in building out the dictionary ... it has cores and punks and artist names ... as much as we could dump in there ... i should be clear it's not just genres its also artist names ... it's mostly artist names ... 4000 artist names." ${ }^{43}$
262. Holz then said, "here is our style list" ${ }^{44}$ and posted a link to a spreadsheet on Google Docs called "Midjourney Style List." ${ }^{45}$ One of the tabs on the spreadsheet was called "Artists" and listed over 4700 artist names. In other words, Holz published a list of artists who the Midjourney Image Product recognizes with the express purpose of these names being used by users and licensees of the Midjourney Image Product as terms in prompts. Holz's comment, and the list, have remained available ever since.
263. Below, this list is called the Midjourney Name List. A copy of this list appears in

## Exhibit J: Midjourney Name List.

264. Plaintiffs Grzegorz Rutkowski, Sarah Andersen, Karla Ortiz, Gerald Brom, and Julia Kaye appear in the Midjourney Name List. Below, this subset of plaintiffs will be referred to as the Midjourney Named Plaintiffs.
265. Midjourney also tracked the most popular artists used as prompts. At one point, the Midjourney Bot maintained a count on Midjourney as recently as April 2023.
266. In the months before February 2022, Midjourney trained version 1 of the Midjourney Model. In February 2022, on Midjourney's Discord server Midjourney CEO David Holz described Midjourney's training data: "we have some private data partners as well as some

[^24]open ones like laion." ${ }^{46}$ In May 2022, Stability CEO Mostaque said "MidJourney is using a LAION 400 m based model ... I just support MJ like many other labs/researchers in my nice way." ${ }^{47}$ In July 2022, a Midjourney-affiliated Discord moderator named Soar also confirmed that Midjourney was "using a modified version of the LAION 400 m dataset." ${ }^{48}$ In other words, Midjourney trained its image generation product on at least the LAION-400M dataset.
267. The term LAION-400M Works denotes the works in Exhibit B (Plaintiff images in LAION-400M), all of which are part of the LAION-400M dataset.
268. The term LAION-400M Plaintiffs denotes the subset of plaintiffs who are the authors of works included in the LAION-400M Works. The LAION-400M Plaintiffs hold the exclusive rights to their respective LAION-400M Works under 17 U.S.C. § 106, including the rights to make Statutory Copies, prepare Statutory Derivative Works, and distribute both Statutory Copies and Statutory Derivative Works.
269. The term LAION-400M Registered Works denotes the subset of works in the LAION-400M Works that are covered by registered copyrights.
270. The term LAION-400M Registered Plaintiffs denotes the subset of plaintiffs who hold registered copyrights in these LAION-400M Registered Works, namely Sarah Andersen and Jingna Zhang.
271. Because LAION-400M is an openly accessible dataset, Midjourney knew that the LAION-400M dataset contained copyrighted works, including those of the LAION-400M Registered Plaintiffs. Further, because LAION also includes detection scores for watermarks for other datasets, and because of the ubiquity of artists affixing CMI to their works, Midjourney knew that the LAION-400M dataset contained works with CMI affixed on them.
272. The LAION-400M Registered Works are included in the LAION-400M dataset. Therefore, Midjourney used the LAION-400M Registered Works for training. Below, the term

[^25]Midjourney 400M Models refers to all models trained by Midjourney on the LAION-400M Registered Works, including version 1 of the Midjourney Model.
273. Since October 2022, Midjourney has also incorporated a version of Stable Diffusion into the Midjourney Image Product, which is accessible to users by adding the command `--test` or `--testp` to a text prompt. According to Midjourney's moderator Molang, "-test and -testp is a little bit of SD [Stable Diffusion] mixed with a lot of Midjourney tweaks and magic." ${ }^{49}$
274. Sometime after July 2022 and before March 2023, Midjourney adopted LAION5B as its training dataset. In July 2022, a Midjourney-affiliated Discord moderator named Danger Awesome said that "the updated LAION 5B dataset" ${ }^{50}$ formed the basis for "the upcoming [Midjourney] dataset update." In March 2023, a Midjourney-affiliated Discord Moderator named Sunshineyday said that "MJ is trained on a subset of Laion5b."51
275. Version 5 of the Midjourney Model was released in March 2023. On information and belief, version 5 of the Midjourney Model and subsequent versions were trained on LAION5B.
276. Because LAION-5B is an openly accessible dataset, Midjourney knew that the LAION-5B dataset contained copyrighted works, including those of the LAION-5B Registered Plaintiffs. Because LAION-5B also includes detection scores for watermarks, Midjourney knew that the LAION-5B dataset contained works with CMI affixed to them.
277. The LAION-5B Registered Works are included in the LAION-5B dataset. Therefore, Midjourney used the LAION-5B Registered Works for training. Below, the term Midjourney 5B Models refers to all models trained by Midjourney on the LAION-5B Registered Works, including version 5 of the Midjourney Model and the current version 5.2 of the Midjourney Model.

[^26]$\qquad$
278. Midjourney also publishes the Midjourney Magazine, which is analog only and is unavailable in digital form. Those who wish to subscribe to the Midjourney Magazine need to subscribe for a monthly fee. Each issue of the Midjourney Magazine features a selection of output generated by the Midjourney Model and along with the prompts that created them. Each image is selected by Midjourney for inclusion in the Midjourney Magazine. Numerous exemplar prompts feature the use of artist names as a keyword, including those of Plaintiffs Brom and Rutkowski.

## COUNT FIVE

Direct copyright infringement of the LAION-400M Registered Works by training the Midjourney 400M Models, including Midjourney Model version 1 against Midjourney
on behalf of the LAION-400M Registered Plaintiffs and Damages Subclass
279. The preceding factual allegations are incorporated by reference.
280. The LAION-400M Registered Plaintiffs never authorized Midjourney to use their respective LAION-400M Registered Works in any way. Nevertheless, Midjourney repeatedly violated the exclusive rights (under 17 U.S.C. § 106) of the LAION-400M Registered Plaintiffs and continues to do so today.
281. The LAION-400M dataset contains only URLs of training images, not the actual training images. Therefore, anyone who wishes to use LAION-400M for training their own machine-learning model must first acquire copies of the actual training images from their URLs. Consistent with this, in preparation for training the Midjourney 400M Models, Midjourney made one or more Statutory Copies of the LAION-400M Registered Works so they could be fed to each Midjourney 400M Model as training data. The Statutory Copies made of each registered work were substantially similar to that registered work.
282. During the training of each Midjourney 400M Model, Midjourney made a series of intermediate Statutory Copies of the LAION-400M Registered Works. For instance, diffusion models are trained by creating "noised" copies of training images, as described herein, all of
which qualify as Statutory Copies. The intermediate Statutory Copies of each registered work that Midjourney made during training of the Midjourney 400M Models were substantially similar to that registered work.
283. The LAION-400M Registered Plaintiffs have been and continue to be injured by Midjourney's multiple acts of direct copyright infringement. These plaintiffs are entitled to statutory damages, actual damages, restitution of profits, and other remedies provided by law.

## COUNT SIX

## Direct copyright infringement of the LAION-5B Registered Works

 by training the Midjourney 5B Models, including Midjourney Model version 5.2 against Midjourney on behalf of the LAION-5B Registered Plaintiffs and Damages Subclass284. The preceding factual allegations are incorporated by reference.
285. The LAION-5B Registered Plaintiffs never authorized Stability to use their respective LAION-5B Registered Works in any way. Nevertheless, Stability repeatedly violated the exclusive rights (under 17 U.S.C. § 106) of the LAION-5B Registered Plaintiffs and continues to do so today.
286. The LAION-5B dataset contains only URLs of training images, not the actual training images. Therefore, anyone who wishes to use LAION-5B for training their own machinelearning model must first acquire copies of the actual training images from their URLs by using the img2dataset tool or another similar tool. Consistent with this, in preparation for training the Midjourney 5B Models, Midjourney made one or more Statutory Copies of the LAION-5B Registered Works so they could be fed to each Midjourney 5B Model as training data. The Statutory Copies made of each registered work were substantially similar to that registered work.
287. During the training of Midjourney Model version 5.2 and the other Midjourney 5B Models, Midjourney made a series of intermediate Statutory Copies of the LAION-5B Registered Works. For instance, diffusion models are trained by creating "noised" copies of training images,
as described herein, all of which qualify as Statutory Copies. The intermediate Statutory Copies of each registered work that Midjourney made during training of the Midjourney 5B Models were substantially similar to that registered work.
288. By the end of training, Midjourney Model version 5.2 was capable of reproducing protected expression from each of the LAION-5B Registered Works that was in each case substantially similar to that registered work, as shown in Exhibit F: Midjourney text prompts and Exhibit I: Midjourney image prompts. Therefore, Midjourney Model version 5.2 qualifies as an infringing Statutory Copy of the LAION-5B Registered Works. Because Midjourney Model version 5.2 represents a transformation of the LAION-5B Registered Works into an alternative form, Midjourney Model version 5.2 also qualifies as an infringing Statutory Derivative Work.
289. On information and belief, the other Midjourney 5B Models exhibit the same properties, because they were trained on the same LAION-5B dataset.
290. The LAION-5B Registered Plaintiffs have been and continue to be injured by Midjourney's multiple acts of direct copyright infringement. These plaintiffs are entitled to statutory damages, actual damages, restitution of profits, and other remedies provided by law.

## COUNT SEVEN

## DMCA violations

by removing and altering CMI of training images
against Midjourney on behalf of All Plaintiffs, the Damages and Injunctive Class
291. The preceding factual allegations are incorporated by reference.
292. The LAION-400M Plaintiffs included one or more forms of CMI (as defined in Section 1202(c) of the DMCA) in each of their respective works in the LAION-400M Works, including captions, and distinctive marks such as URLs to personal websites, signatures, and watermarks.
293. The LAION-5B Plaintiffs included one or more forms of copyright-management information (as defined in Section 1202(c) of the DMCA) in each of their respective works in the LAION-5B Works, including captions, URLs, signatures, and watermarks.
294. Midjourney did not contact Plaintiffs and the Class to obtain authority to remove or alter CMI from their works within the meaning of the DMCA.
295. Midjourney knew the LAION-5B dataset contained CMI. The LAION-5B dataset includes a detection score for watermarks which indicates the likelihood a particular image in the dataset contains a watermark or other distinctive mark signaling the presence of CMI. Midjourney therefore could have trained the Midjourney Model on images free of CMI but chose not to because images with CMI tend to be high-quality.
296. Midjourney also knew the LAION-400M dataset contained CMI. Given that CMI is ubiquitous and the LAION-400M dataset contained copyrighted works, it is a certainty that many works within the dataset contained CMI.
297. Midjourney had access to but were not licensed by Plaintiffs or the Class to incorporate their works in Midjourney Image Product.
298. Midjourney had access to but were not licensed by Plaintiffs or the Class to create copies based on their works into the Midjourney Image Product.
299. Midjourney had access to but were not licensed by Plaintiffs or the Class to distribute their works as Midjourney does through the Midjourney Image Product.
300. Without the authority of the Plaintiffs, Midjourney directly copied the LAION-5B Works and used these Statutory Copies as training data for the Midjourney Image Product. The works copied by Midjourney included CMI, including in the form of distinctive marks such as watermarks or signatures, and as the captions in the image-text pairs. The training process is designed to remove or alter CMI from the training images. Therefore, Midjourney intentionally removed or altered CMI from the Plaintiffs' works in violation of 17 U.S.C. § 1202(b)(1).
301. Without the authority of the Plaintiffs, Midjourney copied the LAION-400M and LAION-5B Works and used these copies as training data for the Midjourney Models. The
training process is designed to remove or alter CMI from the training images. Therefore, Midjourney intentionally removed or altered CMI from the Plaintiffs' Works in violation of 17 U.S.C. § 1202(b)(1).
302. Midjourney also knew that the distribution of works without CMI would lead to further infringement. Midjourney encourages the use of artist names as prompts, i.e., encourages the Midjourney Image Product's users and licensees to infringe on an artists' work. As demonstrated herein, the Midjourney Model generates copies of original works with their CMI removed and/or altered. Because the Midjourney Image Product does not preserve CMI, users and licensees also create infringing works without CMI which can reasonably lead to further infringement.
303. The LAION-400M Plaintiffs have been injured by Midjourney's removal or alteration of CMI. The LAION-400M Plaintiffs have also been injured by Midjourney's falsification of CMI. These plaintiffs are entitled to statutory damages, actual damages, restitution of profits, and other remedies provided by law.

## COUNT EIGHT

Lanham Act - false endorsement by unauthorized commercial use of artists' names against Midjourney on behalf of the Midjourney Named Plaintiffs and Class
304. The preceding factual allegations are incorporated by reference.
305. Midjourney engaged in commercial speech that sought to capitalize upon the Midjourney Named Plaintiffs' popularity, recognition, and appeal among consumers of art products. Midjourney's use of the Midjourney Named Plaintiffs' names was purely to advertise its image generator. This use does not contribute significantly to a matter of public interest. The purpose of publishing over 4700 names in the Midjourney Name List was to promote and
highlight the capabilities of Midjourney's image generator to emulate and create work that is indistinguishable from that of the artists whose names were published.
306. Midjourney's use of the Midjourney Named Plaintiffs' names was unauthorized and without their consent.
307. Midjourney's commercial speech created a likelihood of confusion over whether the Midjourney Named Plaintiffs actually endorsed the Midjourney Image Product, and over the affiliation, connection, or association that the Midjourney Named Plaintiffs might have with Midjourney.
308. Midjourney's commercial speech and use of the names of the Midjourney Named Plaintiffs have deceived consumers as to their affiliation, connection, or association with Midjourney.
309. A reasonably prudent consumer in the marketplace for art products likely would be confused as to whether the Midjourney Named Plaintiffs included in the Midjourney Name List sponsored or approved of Midjourney's image generator.
310. The Midjourney Named Plaintiffs have a high level of recognition among Midjourney's users and consumers. In fact, Midjourney relies on this high level of recognition to advertise the capabilities of its image product by publishing artists' names. Midjourney strives to capitalize off Midjourney Named Plaintiffs' reputation as artists to induce users to use its image generator.
311. The Midjourney Named Plaintiffs' actual names were used by Midjourney.
312. Midjourney marketed its Midjourney Image Product on channels heavily trafficked by its users and consumers such as on message boards. A link to the Midjourney Name List was published on Discord by Midjourney CEO David Holz, which is frequented by Midjourney's users and potential consumers.
313. There is consumer appetite both for the Midjourney Named Plaintiffs' art products as well as potentially cheaper, or even free, imitations of such art.
314. Midjourney's use of the Midjourney Named Plaintiffs' names was intentional, in order to capitalize on their fame and goodwill as popular artists.
315. If its conduct is left unchecked, Midjourney likely will continue to use artist names to advertise the capabilities of its image generator, which undergoes frequent updates.
316. The Midjourney Named Plaintiffs have been, and likely will continue to be, harmed by Midjourney's misrepresentation of fact in terms of their reputation and goodwill.
317. The Midjourney Named Plaintiffs are entitled to statutory damages, actual damages, restitution of profits, and other remedies provided by law.

## COUNT NINE

Lanham Act - vicarious trade-dress violation by profiting from imitations of protectable trade dress against Midjourney on behalf of the Midjourney Named Plaintiffs and Class
318. The preceding factual allegations are incorporated by reference.
319. The Midjourney Named Plaintiffs each sell original art, art reproductions, and art products, all of which feature respective protectable and distinctive trade dress. This trade dress consists of a set of recurring visual elements and artistic techniques, the particular combination of which are distinctive to each of the Midjourney Named Plaintiffs, associated with them and their work, and desirable to customers. For instance-
a. Sarah Andersen is known for work that is simple, cartoony, and often strictly in black and white. In particular, she is known for "Sarah's Scribbles," a comic featuring a young woman with dark hair, big eyes, and a striped shirt.
b. Karla Ortiz is known for a mixture of classical realism and impressionism, often delving into fantastical, macabre and surrealist themes, and inspired
by the technical prowess of American Renaissance movements with a strong influence of contemporary media.
c. Gerald Brom is known for gritty, dark, fantasy images, painted in traditional media, combining classical realism, gothic and counterculture aesthetics.
d. Grzegorz Rutkowski is known for lavish fantasy scenes rendered in a classical painting style.
e. Julia Kaye is known for three-panel black-and-white comics, loosely inked with a thin fixed-width pen, wherein each individual comic is a microvignette in the artist's life.
320. Midjourney put the names of the Midjourney Named Plaintiffs on the Midjourney Name List because Midjourney makes use of a CLIP model that has been trained on the work of the Midjourney Named Plaintiffs. For artists like the Midjourney Named Plaintiffs and others on the Midjourney Name List, the CLIP model essentially acts as a trade-dress database.
321. The trade dress of each of the Midjourney Named Plaintiffs is inherently distinctive in look and feel as used in connection with their artwork and art products. On information and belief, a significant portion of consumers readily identify each of the Midjourney Named Plaintiffs' trade dress with the individual Midjourney Named Plaintiff.
322. On information and belief, Midjourney ensured that its CLIP model was trained to successfully and convincingly imitate the trade dress of the Midjourney Named Plaintiffs and the other artists on the Midjourney Name List. In other words, Midjourney ensured its CLIP model could appropriate the distinctive look and fool of each Midjourney Named Plaintiffs' trade dress.
323. As a result, the Midjourney Image Product can and frequently does generate images featuring protectable trade dress that are likely to cause confusion in consumers. The Midjourney Named Plaintiffs never authorized Midjourney to copy, emulate, or otherwise recreate their trade dress; nor did the Midjourney Named Plaintiffs authorize Midjourney to use, in conjunction with the advertisement and sale of its services, images featuring their trade dress.
324. Midjourney acknowledges and, in fact, relies on the inherent distinctiveness of the Midjourney Named Plaintiffs' respective trade dress to market its image generator by advertising that users can generate images in the style of particular artists simply by typing in their name. In this way, users do not have to describe specific design or artistic elements in the prompt to generate an image in the artist's style-they merely need to type in that artist's name. Examples of Midjourney text prompts featuring Sarah Andersen and Gerald Brom are shown in Exhibit F.
325. Midjourney vicariously infringes on the Midjourney Named Plaintiffs' trade-dress rights by encouraging and inducing the users of the Midjourney Image Product to enter artistname prompts and generate images featuring the Midjourney Named Plaintiffs' protectable trade dress. For example-
a. In its original online documentation offering "tips for text-prompts," Midjourney recommended that users should "try invoking unique artists to get a unique style," an offered a list that included "Greg Rutkowski," who is a one of the Midjourney Named Plaintiffs. The documentation also recommended that users should "Combine names for new styles: 'A temple by Greg Rutkowski and Ross Tran.'" (Midjourney deleted these pages from its public website two weeks after the initial complaint was filed in this action.)
b. Midjourney currently promotes images made with artist-name prompts in an online marketing gallery accessible to subscribers called "Showcase" (at https://midjourney.com/showcase). Exhibit K: Midjourney Showcase contains examples of images from the Showcase gallery featuring Plaintiff names, including two of the Midjourney Named Plaintiffs: Sarah Andersen and Gerald Brom.
326. Midjourney exercises control over the infringing images by including the CLIP model in its image pipeline, and by marketing artist-name prompts as a key feature of its image generator via the Midjourney Name List. Without the CLIP model, Midjourney's users would
not be able to infringe on the Midjourney Named Plaintiffs' trade-dress rights or those of the other artists on the Midjourney Name List.
327. Each of the Midjourney Named Plaintiffs' respective trade dress has no intrinsic functional value. The unique combination of particular artistic elements does not confer any utilitarian advantages on their art products and are purely ornamental and aesthetic. There remains an unlimited number of alternative artistic styles available beyond the trade dress owned the Midjourney Named Plaintiffs.
328. Each of the Midjourney Named Plaintiffs' trade dress possesses secondary meaning because the trade dress of their art products invoke a mental association by a substantial segment of potential consumers between the trade dress and the creator of the art product.
329. Midjourney's vicarious infringement of the Midjourney Named Plaintiffs' tradedress rights are committed with actual and constructive knowledge of their trade dress, and with the intent to cause confusion, mistake, or deception.
330. As a direct and proximate cause of Midjourney's conduct, the Midjourney Named Plaintiffs have suffered, and will continue to suffer, significant damage in the form of loss of revenue, income, profits, and goodwill, which will increase if not enjoined. Midjourney has, and will unfairly, acquire revenue, income, profits, and goodwill at the expense of the Midjourney Named Plaintiffs.
331. Midjourney's trade-dress infringement will also continue to cause irreparable harm if Midjourney is not restrained by this Court from further violation of the rights of the Midjourney Named Plaintiffs. The Midjourney Named Plaintiffs have no adequate remedy at law for the harm being caused by Midjourney, particularly in regard to the loss of their goodwill and market share due to Midjourney's infringing conduct. The Midjourney Named Plaintiffs are, therefore, entitled to and seek temporary and permanent injunctive relief.
332. Midjourney has, and continues to, vicariously infringe on the trade-dress rights of the Midjourney Named Plaintiffs in violation of section 43(a) of the Lanham Act, 15 U.S.C. § 1125(a).
333. Midjourney's past and continuing infringement of the Midjourney Named Plaintiffs' trade dress is an exceptional case and was willful and intentional, as evidenced by
a) Midjourney's intentional inclusion of the CLIP model in the design of the Midjourney Image Product and b) its open advertisement of the Midjourney Image Product's ability to replicate an artist's trade dress via the Midjourney Name List. Thus, the Midjourney Named Plaintiffs are entitled to treble their actual damages and to an award of attorneys' fees under 15 U.S.C. § 1117(a), and all other available remedies.

## COUNT TEN

## Unjust enrichment

under Cal. Bus. \& Prof. Code § 17200 and California Common Law against Midjourney on behalf of all Plaintiffs, and the Damages and Injunctive Class
334. The preceding factual allegations are incorporated by reference.
335. Midjourney has unjustly misappropriated the LAION-400M Works and the LAION-5B Works, enabling it to receive profit and other benefits in order to train, develop and promote the Midjourney Image Product. It would be unjust for Midjourney to retain these benefits.
336. Plaintiffs and the Class have invested substantial time and energy in creating their works, including those included as LAION-400M Works and LAION-5B Works.
337. By using Plaintiffs' works to train, develop and promote the Midjourney Image Product, Plaintiffs and the Class were deprived of the benefit of the value of their works, including monetary damages.
338. Plaintiffs did not consent to the unauthorized use of their works to train, develop and promote the Midjourney Image Product.
339. Midjourney derived profit and/or other benefits from the use of Plaintiffs' works to train, develop and promote the Midjourney Image Product.
340. It would be unjust for Midjourney to retain those benefits.
341. Plaintiffs are entitled to restitution, including disgorgement of profits and a constructive trust over all assets created with the Midjourney 400M Models and Midjourney 5B Models.

## XVII.CAUSES OF ACTION AGAINST RUNWAY

342. Between April and October 2022, Runway trained an image model called Stable Diffusion 1.5. According to Runway, Stable Diffusion 1.5 "was trained on a large-scale dataset [called] LAION-5B" (see https://huggingface.co/runwayml/stable-diffusion-v1-5\#limitations).
343. Stable Diffusion 1.5 is still sought out by many users of AI image products for, among other things, its ability to mimic artists.
344. Because LAION-5B is an openly accessible dataset, Runway knew that the LAION-5B dataset contained copyrighted works, including those of the LAION-5B Registered Plaintiffs and Karla Ortiz.
345. The LAION-5B Registered Works are included in the LAION-5B dataset. Because Runway admits to using the LAION-5B dataset for training, it must've also used the LAION-5B Registered Works for training. Below, the term Runway Models refers to all models trained by Runway on the LAION-5B Registered Works, including Stable Diffusion 1.5.

## COUNT ELEVEN

Direct copyright infringement of the LAION-5B Registered Works by training the Runway Models, including Stable Diffusion 1.5 against Runway on behalf of the LAION-5B Registered Plaintiffs, LAION-5B Subclass, and Karla Ortiz Individually
346. The preceding factual allegations are incorporated by reference.
347. The LAION-5B Registered Plaintiffs and Karla Ortiz never authorized Runway to use their respective LAION-5B Registered Works in any way. Nevertheless, Runway repeatedly
violated the exclusive rights (under 17 U.S.C. § 106) of the LAION-5B Registered Plaintiffs and Karla Ortiz and continues to do so today.
348. The LAION-5B dataset contains only URLs of training images, not the actual training images. Therefore, anyone who wishes to use LAION-5B for training their own machinelearning model must first acquire copies of the actual training images from their URLs by using the ‘img2dataset` tool or another similar tool. Consistent with this, in preparation for training the Runway Models, Runway made one or more Statutory Copies of the LAION-5B Registered Works so they could be fed to each Runway Model as training data. The Statutory Copies made of each registered work were substantially similar to that registered work.
349. During the training of each Runway Model, Runway made a series of intermediate Statutory Copies of the LAION-5B Registered Works. For instance, diffusion models are trained by creating "noised" copies of training images, as described herein, all of which qualify as Statutory Copies. The intermediate Statutory Copies of each registered work that Runway made during training of the Runway Models were substantially similar to that registered work.
350. By the end of training, Stable Diffusion 1.5 was capable of reproducing protected expression from each of the LAION-5B Registered Works that was in each case substantially similar to that registered work, as shown in Exhibit E: Runway text prompts and Exhibit H: Runway image prompts. Therefore, Stable Diffusion 1.5 qualifies as an infringing Statutory Copy of the LAION-5B Registered Works. Because Stable Diffusion 1.5 represents a transformation of the LAION-5B Registered Works into an alternative form, Stable Diffusion 1.5 also qualifies as an infringing Statutory Derivative Work.
351. On information and belief, the other Runway Models exhibit the same properties, because they were trained on the same LAION-5B dataset.
352. Since October 2022, Runway has distributed Stable Diffusion 1.5 to the public, for instance via websites like GitHub (see https://github.com/runwayml/stable-diffusion) and Hugging Face (see https://huggingface.co/runwayml/stable-diffusion-v1-5). In so doing, Runway infringed the exclusive distribution rights of the LAION-5B Registered Plaintiffs and Karla Ortiz.
353. The LAION-5B Registered Plaintiffs and Karla Ortiz have been and continue to be injured by Runway's multiple acts of direct copyright infringement. These plaintiffs are entitled to statutory damages, actual damages, restitution of profits, and other remedies provided by law.

## COUNT TWELVE

## Inducement of copyright infringement

by distributing Stable Diffusion 1.5 for free
against Runway on behalf of the LAION-5B Registered Plaintiffs and Subclass
354. The preceding factual allegations are incorporated by reference.
355. Runway distributes Stable Diffusion 1.5 under the "CreativeML Open RAIL-M" license, which allows anyone to download, use, and deploy Stable Diffusion 1.5 for free. For instance, via websites like GitHub (see https://github.com/runwayml/stable-diffusion) and Hugging Face (see https://huggingface.co/runwayml/stable-diffusion-v1-5).
356. Stable Diffusion 1.5 violates the exclusive rights (under 17 U.S.C. § 106) of the LAION-5B Registered Plaintiffs. Therefore, anyone who in fact downloads, uses, or deploys Stable Diffusion 1.5 is engaged in infringing activity.
357. Runway has made a material contribution to this infringing activity by training Stable Diffusion 1.5 and then distributing it for free.
358. Runway intends to cause further infringement with Stable Diffusion 1.5. In February 2023, Stability CEO Mostaque said that Stable Diffusion 1.5 was "the most popular model by far by [a] for profit company." ${ }^{52}$
359. The LAION-5B Registered Plaintiffs have been and continue to be injured by Runway's inducement of copyright infringement. These plaintiffs are entitled to statutory damages, actual damages, restitution of profits, and other remedies provided by law.

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## COUNT THIRTEEN

## DMCA violations

by removing and altering CMI of training images
against Runway on behalf of all Plaintiffs, the Damages and Injunctive Classes
360. The preceding factual allegations are incorporated by reference.
361. The LAION-5B Plaintiffs included one or more forms of copyright-management information ("CMI") (as defined in Section 1202(c) of the DMCA) in each of their respective works in the LAION-5B Works, including captions in image-text pairs, and distinctive marks such as URLs to personal webpages, signatures, and watermarks.
362. Runway did not contact Plaintiffs and the Class to obtain authority to remove or alter CMI from their works within the meaning of the DMCA.
363. Runway knew the LAION-5B dataset contained CMI. The LAION-5B dataset includes a detection score for watermarks which indicates the likelihood a particular image in the dataset contains a watermark or other distinctive mark signaling the presence of CMI. Runway thus could have trained the Runway Models on images free of CMI but chose not to because images with CMI tend to be high-quality.
364. Runway had access to but were not licensed by Plaintiffs or the Class to incorporate their works in the LAION-5B dataset into the Runway Models.
365. Runway had access to but were not licensed by Plaintiffs or the Class to create copies based on their works in the LAION-5B dataset into the Runway Models.
366. Runway had access to but were not licensed by Plaintiffs or the Class to distribute their works in the LAION-5B dataset as Runway does through the Runway Models.
367. Without the authority of the LAION-5B Plaintiffs, Runway directly copied the LAION-5B Works and used these Statutory Copies as training data for the Runway Models. The works copied by Runway included CMI, including in the form of distinctive marks such as watermarks or signatures. The training process is designed to remove or alter CMI from the
training images. Therefore, Runway intentionally removed or altered CMI from the LAION-5B Works in violation of 17 U.S.C. § 1202(b)(1).
368. Runway distributes Stable Diffusion 1.5 subject to the "CreativeML Open RAIL M License" (see, e.g.— https://github.com/runwayml/stable-diffusion/blob/main/LICENSE). As alleged above, Stable Diffusion 1.5 and the other Runway Models themselves constitute Statutory Copies of the LAION-5B works or Statutory Derivative Works. The license distributed by Runway asserts that copyright in the model belongs to "Robin Rombach and Patrick Esser and contributors." By asserting that these third parties have copyright in the Stable Diffusion 1.5, which infringe the copyrights of the LAION-5B Plaintiffs, Runway is providing and distributing false CMI in violation of 17 U.S.C. § 1202(a).
369. As demonstrated herein, the Runway Models generate output that are copies of original images with CMI with the CMI removed and/or altered.
370. Runway knows that the Runway Models are being used by users and/or licenses of the Runway Models to create infringing copies of Plaintiffs and Class Members' works. Indeed, one of the reasons for the Runway Models' popularity is because of the models' ability to mimic or imitate artists whose works are in the LAION-5B dataset. Thus, Runway knew or reasonably should have known that the Runway Models removal and alteration of CMI would induce, enable, facilitate, or conceal further infringement.
371. The LAION-5B Plaintiffs have been injured by Runway's removal or alteration of CMI. The LAION-5B Plaintiffs have been injured by Runway's falsification of CMI by claiming false copyright in Stable Diffusion 1.5. These plaintiffs are entitled to statutory damages, actual damages, restitution of profits, and other remedies provided by law.

## COUNT FOURTEEN

Unjust enrichment<br>under Cal. Bus. \& Prof. Code § 17200 and California Common Law against Runway on behalf of all Plaintiffs, the Damages and Injunctive Classes

372. The preceding factual allegations are incorporated by reference.
373. Plaintiffs and the Class have invested substantial time and energy in creating their works.
374. Runway has unjustly misappropriated the LAION-5B Works in order to train, develop and promote the Runway Models, enabling it to receive profit and other benefits. It would be unjust for Runway to retain these benefits.
375. By using Plaintiffs' works to train, develop and promote the Runway Models, Plaintiffs and the Class were deprived of the benefit of the value of their works, including monetary damages.
376. Plaintiffs did not consent to the unauthorized use of their works to train, develop and promote the Runway Models.
377. Runway derived profit and/or other benefits from the use of Plaintiffs' works to train, develop and promote the Runway Models.
378. It would be unjust for Runway to retain those benefits.
379. Plaintiffs are entitled to restitution, including disgorgement of profits and a constructive trust over all assets created with the Runway Models.

## XVIII. CAUSES OF ACTION AGAINST DEVIANTART

380. Since its founding in 2000, DeviantArt has held itself out as an online community friendly to artists, colloquially known on the site as "deviants." A primary activity of artists on DeviantArt is sharing digital images of their artwork, colloquially called "deviations." Today, DeviantArt bills itself as "the world's largest art community," hosting millions of such images.
381. Plaintiffs Kelly McKernan, Hawke Southworth, Jingna Zhang, and Grzegorz Rutkowski are DeviantArt users. Below, they are called the DeviantArt Plaintiffs.
382. On November 9, 2022, DeviantArt released DreamUp, an AI image product. DeviantArt claims that DreamUp "lets you create AI art knowing that creators and their work are treated fairly." DreamUp is only available to paying customers of DeviantArt. DeviantArt offers paid subscriptions to its members called "Core Plans." Custom Core Plans typically range in price from $\$ 3.95$ to $\$ 14.95$ per month. To use DreamUp, a member must first subscribe to a Core Plan. A Core Plan subscriber is allowed to use DreamUp for a certain number of Text Prompts per month. For instance, the $\$ 9.95$ "Pro" level permits 200 DreamUp Text Prompts per month. Core Plan members can purchase additional Text Prompts by purchasing packages of "points." DeviantArt charges $\$ 1$ for 80 points, with a minimum purchase of 400 points for $\$ 5$.
383. Because DeviantArt holds itself out as an art community, DeviantArt chooses to provide many features that artists may prefer. For example, given the ubiquity of affixing CMI such as distinctive marks onto deviations that are being uploaded on to DeviantArt.
384. DeviantArt is the source of millions of images in the LAION-5B dataset. Users of the LAION-5B dataset have copied these millions of images many times over by downloading them from DeviantArt.
385. On information and belief, DeviantArt was aware that LAION-5B contained references to millions of DeviantArt images, and that Stability downloaded these millions of images from the DeviantArt website as a necessary preliminary step in the training of the Stability Models.
386. Each of the DeviantArt Plaintiffs has stored images on DeviantArt that were later incorporated into the LAION-5B dataset. These images were therefore copied by Runway and Stability to train versions of Stable Diffusion. Exhibit A contains a sampling-but not an exhaustive listing-of images created by the DeviantArt Plaintiffs that are contained in LAION5B and were copied from DeviantArt. They can be identified through their LAION-5B URL,
which comes from the "wixmp.com" domain. This domain is used by DeviantArt to store member images. ("Wix" in the domain name refers to the parent company of DeviantArt.)
387. DreamUp relies on Stable Diffusion to produce images. The DreamUp app incorporates a copy of Stable Diffusion. The terms of service for DreamUp do not disclose the specific version of Stable Diffusion that is incorporated within the app.
388. But the DreamUp terms require users to also accept the terms of the CreativeML Open RAIL-M License linked at https://huggingface.co/spaces/CompVis/stable-diffusionlicense. Because this URL refers to "CompVis" and the license itself is dated August 22, 2022, DreamUp must be based on Stable Diffusion version 1.4, which was trained by CompVis and released on August 22, 2022. Below, the model inside DreamUp will be called the DreamUpCompVis Model.
389. CompVis is the shorthand name of the Computer Vision and Learning Group at Ludwig Maximilian University in Munich, where the original research underlying Stable Diffusion was first conducted. According to the GitHub page for Stable Diffusion 1.4, "Stable Diffusion was made possible thanks to a collaboration with Stability AI and Runway." ${ }^{53}$
390. According to CompVis, Stable Diffusion 1.4 "was trained on a large-scale dataset LAION-5B. ${ }^{154}$
391. The LAION-5B dataset contains only URLs of training images, not the actual training images. Therefore, anyone who wishes to use LAION-5B for training their own machinelearning model must first acquire copies of the actual training images from their URLs by using the `img2dataset` tool or another similar tool. Consistent with this, in preparation for training Stable Diffusion 1.4, CompVis made one or more Statutory Copies of the LAION-5B Registered Works so they could be fed to Stable Diffusion 1.4 as training data. The Statutory Copies made of each registered work were substantially similar to that registered work.
392. During the training of Stable Diffusion 1.4, CompVis made a series of intermediate Statutory Copies of the LAION-5B Registered Works. For instance, diffusion models are trained

[^28]by creating "noised" copies of training images, as described herein, all of which qualify as Statutory Copies. The intermediate Statutory Copies of each registered work that CompVis made during training of Stable Diffusion 1.4 were substantially similar to that registered work.
393. On information and belief, by the end of training, Stable Diffusion 1.4 was capable of reproducing protected expression from each of the LAION-5B Registered Works that was in each case substantially similar to that registered work, because-
a. In the Carlini Paper, Nicholas Carlini tested Stable Diffusion 1.4 and found that it could emit stored copies of its training images;
b. The training procedure for Stable Diffusion 1.4 was very similar to that of Stable Diffusion 1.5, which was shown in Exhibit E: Runway text prompts and Exhibit H: Runway image prompts to be capable of emitting stored copies of protected expression.
394. Therefore, like Stable Diffusion 1.5, Stable Diffusion 1.4 also qualifies as an infringing Statutory Copy of the LAION-5B Registered Works. Because Stable Diffusion 1.4 represents a transformation of the LAION-5B Registered Works into an alternative form, Stable Diffusion 1.4 also qualifies as an infringing Statutory Derivative Work.
395. DeviantArt continues to obfuscate the source of DreamUp's training data. One of the questions in DeviantArt's frequently asked questions ("FAQ") section for DreamUp on its website is "Does DreamUp use art submitted on the DeviantArt platform to train the AI models." DeviantArt responds that:

DreamUp is based on 3rd-party technologies (like Stable Diffusion) which train their models based on the open web. DreamUp uses semantic interpretation of a textual prompt and then translates it to input for these models.

DeviantArt does NOT add images from DeviantArt to the training sets of 3rd-party technologies, and DeviantArt does NOT provide data to expand distribution of images that 3rd-party technologies can generate.

DeviantArt lets you declare whether or not external AI models and platforms can train based on your deviations. When submitting a deviation, you'll be able to check a box that informs third parties whether or not you authorize that submission being included in datasets used to train AI models like AI image generators. ${ }^{55}$
396. DeviantArt's answer is misleading. As confirmed by the FAQ, while DeviantArt did not "add" images to the training sets of DreamUp, it made no mention of any images already in the training set for DreamUp's underlying models. DeviantArt knew that Stable Diffusion had already been trained on images scraped from DeviantArt itself. DeviantArt thus mislead its community because art from DeviantArt was already in DreamUp because Stable Diffusion had already been trained on them.
397. This has been further confirmed by DeviantArt CTO Chris Nell. In November 2022, on the public LAION Discord server, Nell described himself as "one of the people at DeviantArt working on improving acceptance of AI generated/augmented art in the broader online arts community" and added "I think our goals at DA [DeviantArt] are very aligned with LAION's ... and want to collaborate as much as possible." ${ }^{56}$ Nell said of DreamUp: "we did not fine tune [meaning, perform additional training on] SD [= Stable Diffusion] at all, so there aren't novel weights to share. [W]e do perform additional guidance at generation time ... so it's not exactly unmodified SD [= Stable Diffusion] output, but that is more akin to prompt tuning." ${ }^{57}$ As confirmed by Nell, DeviantArt was well aware of how Stable Diffusion was developed and did not do any fine-tuning of the weights included in the Stable Diffusion model DreamUp was based on. In other words, this implies all of the images copied in training Stable Diffusion were included in the DreamUp model.
398. DeviantArt is also aware that DreamUp can be used by DreamUp's users and licensees to create potentially infringing works based on artists' underlying work. This is evidenced by another provision of DeviantArt's DreamUp FAQ which provides:

[^29]DreamUp is an AI-based image-generation tool used to create art using free-form text prompts. Certain art styles can sometimes be achieved by referencing names of real artists such as Thomas Kinkade, Picasso, and Gustave Doré in text prompts. Referencing artists when having the AI create your work can give the resulting piece a unique "look," inspired by the style of that particular artist.

If you refer to an artist in a DreamUp prompt, you must also tag that artist when submitting the resulting image to DeviantArt. Failure to do so is a violation of our DreamUp Policy and can result in your deviation's deletion or an account suspension.
399. Again, DeviantArt's FAQ misleads by omission. DeviantArt tellingly is only concerned with images posted on DeviantArt itself, even though the infringing art would have been created with DeviantArt's product. Further, because DeviantArt knew Stable Diffusion contained copies of training images (including those scraped from DeviantArt), and thus, so did DreamUp, it knew that there was a real possibility that DreamUp could regenerate images in the training set, requiring it to include a provision in its FAQ addressing the possibility. Furthermore, even with the risk that DreamUp could generate images based on protected images, whenever a user uses DreamUp, it asks users to resubmit their generated outputs to use as image prompts with other text in order to generate more images.
400. DeviantArt's embrace of generative AI art was seen as a betrayal by its art community.
401. The scope of DeviantArt's betrayal of its artist community by embracing Stable Diffusion was evident in a group audio session held by DeviantArt management on November 11, 2022 from approximately 1:00-2:30 pm Pacific Time. DeviantArt scheduled the discussion specifically to allay the well-founded concerns of DeviantArt members that DeviantArt's embrace of AI art was a complete repudiation of its longstanding community principles, as well as economically and legally unfair.
402. At one point in the audio session, CEO Moti Levy explicitly took ownership of the decision to bring Stable Diffusion (the basis of the DreamUp-CompVis Model) onto DeviantArt via the DreamUp app: "The reason why we're using Stable Diffusion because it's the only option for us to take an open source [software engine] and modify it . . . . The other platforms or the
other companies do not allow it. . . [A]nd by the way, that was my decision. That's our decision by me as the CEO. That's my decision to take Stable Diffusion." (Emphasis added.)
403. Levy also said, "DeviantArt expects all users accessing our service or the DeviantArt site to respect creators' choices about the acceptable use of their content, including for AI purposes. When a DeviantArt user doesn't consent to third party use of their content for AI purposes, other users of the service and third parties accessing the DeviantArt site are prohibited from using such content to train an AI system, as input into any previously trained AI system or to make available any derivative copy unless usage of that copy is subject to conditions at least as restrictive as those set out in the DeviantArt terms of service."
404. Shortly after the end of this audio session, DeviantArt updated its terms of service. DeviantArt added a new paragraph about "Data Scraping \& Machine Learning Activities" that explicitly permits this kind of usage under certain circumstances, so that Stable Diffusion and future generative AI services can continue to scrape DeviantArt for images. In so doing, DeviantArt has reneged on its promises. It plainly switched its loyalties from its artist members to the AI companies, like Stability, infringing Plaintiffs' and the Class's intellectual property rights in the work of those members. (According to the Internet Archive, this new datascraping provision was added to the DeviantArt terms of service on November 11, 2022, sometime between 1:41pm and 4:22pm Pacific Time.)
405. Furthermore, although the new "Data Scraping" provision acknowledges that certain kinds of data scraping will continue to be an "unauthorized use" of the DeviantArt website, that "owners of the works are responsible for policing their own works." In other words, despite its professed interest in using its terms of service to protect artists, DeviantArt is washing its hands of the matter. Instead of standing up for artists and using its resources to combat illegal AI data scraping, it is forcing artists to take matters into their own hands.
406. What is more, while DeviantArt purported to spearhead a system for artists to optout of having their works trained upon, these promises are mostly hollow.
407. DeviantArt's proposal for artists to opt out was to utilize a system of HTML tags. Artists who do not wish to have their content used for AI training can append the "noai" and "noaimageai" hashtags to the HTML page associated with their art.
408. This promise is misleading.
409. Even if an artist indicates they do not want their artwork used by affixing the "noai" and "noimageai" directives to their HTML pages, it does not apply retroactively to AI image products that have already been trained on their works, such as all the models at issue in this Complaint.
410. Further, even if an artist appends "noai" or "noimageai" directives, however, that is still not a guarantee that their work will not be used to train AI models. As indicated in DeviantArt's own TOS, "DeviantArt provides no guarantees that 'noai' or 'noimageai' directives will be present each time Content is accessed, even if the creator does not consent to use of that Content for Artificial Intelligence Purposes; and absence of such directives does not imply creator consent has been granted. [T] Users acknowledge that by uploading Content to DeviantArt, thirdparties may scrape or otherwise use their works without permission. DeviantArt provides no guarantees that third parties will not include certain Content in external data sources, or otherwise use a creator's work for Artificial Intelligence Purposes, even when such directives are present. By prohibiting such conduct, DeviantArt makes no guarantees that it will pursue each unauthorized use of the Service, and the owners of the works are responsible for policing their own works to the extent permitted by law."

## COUNT FIFTEEN

## Direct copyright infringement

by copying the DreamUp-CompVis Model and incorporating it into DreamUp against DeviantArt on behalf of the LAION-5B Registered Plaintiffs
411. The preceding factual allegations are incorporated by reference.
412. Because Stable Diffusion 1.4 is an infringing Statutory Copy of the LAION-5B Registered Works, the DreamUp-CompVis Model is too.
413. Because Stable Diffusion 1.4 is an infringing Statutory Derivative Work based on the LAION-5B Registered Works, the DreamUp-CompVis Model is too.
414. The DreamUp-CompVis Model infringes the exclusive rights (under 17 U.S.C. § 106) of the LAION-5B Registered Plaintiffs.
415. Because the DreamUp app contains a copy of DreamUp-CompVis Model, the DreamUp app infringes copyrights owned by the LAION-5B Registered Plaintiffs.
416. The LAION-5B Registered Plaintiffs have been and continue to be injured by DeviantArt's multiple acts of direct copyright infringement. These plaintiffs are entitled to statutory damages, actual damages, restitution of profits, and other remedies provided by law.

## COUNT SIXTEEN

Breach of contract for violation of its Terms of Service against DeviantArt on behalf of the DeviantArt Plaintiffs
417. The preceding factual allegations are incorporated by reference.
418. The DeviantArt Plaintiffs have accepted DeviantArt's Terms of Service. Thus, the DeviantArt Plaintiffs have formed a contract with DeviantArt. Copies of the applicable agreements are attached as Exhibit L: DeviantArt Terms of Service (Nov. 11, 2022), Exhibit M: DeviantArt Terms of Service (Jan. 11, 2023), and Exhibit N: DeviantArt Privacy Policy (Jan. 11, 2023).
419. The DeviantArt Plaintiffs have performed the obligations imposed on them by DeviantArt's Terms of Service.
420. Section 16 of the DeviantArt Terms of Service specifies the limited rights DeviantArt has in the work of the DeviantArt Plaintiffs (emphasis added below):
16. Copyright in Your Content ... DeviantArt does not claim ownership rights in Your Content. For the sole purpose of enabling us to make your Content available through the Service, you grant to DeviantArt a non-exclusive, royalty-free license to reproduce, distribute, re-format, store, prepare derivative works based on, and publicly display and perform Your Content ...
421. Though DeviantArt has the right to "reproduce," "distribute," and "prepare derivative works based on" the works of the DeviantArt Plaintiffs, it may only do so "[f]or the sole purpose of enabling us to make your Content available through the Service."
422. The DeviantArt Plaintiffs put their work on DeviantArt because it held itself out as a platform for increasing visibility of artists and their work. But by releasing DreamUp, DeviantArt breached the Terms of Service in two ways:
a. DeviantArt exceeded its license grant in Section 16 and thereby breached its explicit Terms of Service. Relative to a DeviantArt artist member whose work was used for training the DreamUp-CompVis Model, in no sense does DreamUp "make your Content available" to visitors. Rather, artist "Content" was misappropriated to make a new commercial product.
b. DeviantArt breached the implied covenant of good faith and fair dealing. The release of DreamUp unleashed a flood of AI-generated images on DeviantArt that immediately began drowning out the work of human artists like the DeviantArt Plaintiffs. By releasing DreamUp, DeviantArt put itself into competition with the DeviantArt Plaintiffs and its other artist members, undermining their very purpose in being on DeviantArt in the first place. DeviantArt's bad faith was further exemplified by its hasty addition of a permissive new "Data Scraping \& Machine Learning Activities" provision to its Terms of Service after DeviantArt's members complained about the unfairness of DreamUp.
423. In an audio session on November 11, 2022-in response to outrage from the DeviantArt artist community that had arisen in the two days since the release of DreamUpDeviantArt CEO Moti Levy took ownership of the decision to put a copy of the DreamUp-

CompVis Model inside the DreamUp app: "The reason why we're using Stable Diffusion because it's the only option for us to take an open source [software engine] and modify it ... The other platforms or the other companies do not allow it ... [A]nd by the way, that was my decision. That's our decision by me as the CEO. That's my decision to take Stable Diffusion."
424. At the beginning of the audio session, the DeviantArt terms of service were as depicted in Exhibit L: DeviantArt Terms of Service (Nov. 11, 2022). But shortly after the end of this audio session, DeviantArt updated its Terms of Service. DeviantArt added a new paragraph about "Data Scraping \& Machine Learning Activities" that explicitly permits this kind of usage under certain circumstances, so that Runway, Stability, Midjourney, and future AI companies can continue to scrape DeviantArt for images with impunity. In so doing, DeviantArt switched its loyalties from its artist members to AI companies seeking training data. The revised terms are shown in Exhibit M: DeviantArt Terms of Service (Jan. 11, 2023).
425. Although this "Data Scraping" provision acknowledges that certain kinds of data scraping will continue to be an "unauthorized use" of the DeviantArt website, it also provides that "owners of the works are responsible for policing their own works." In other words, despite its longstanding commitment to artists, DeviantArt washed its hands of the matter.
426. The DeviantArt Plaintiffs have suffered monetary damages as a result of DeviantArt's conduct.
427. DeviantArt's conduct was a substantial factor in causing the DeviantArt Plaintiffs' harm.
428. Unless enjoined by this Court, DeviantArt's conduct will continue to cause the DeviantArt Plaintiffs irreparable injury that cannot fully be compensated by money.
429. As a result of these material breaches by DeviantArt, the DeviantArt Plaintiffs are entitled to an injunction requiring DeviantArt to comply with all the terms of the DeviantArt Terms of Service.
430. The DeviantArt Plaintiffs are further entitled to recover from DeviantArt the damages DeviantArt Plaintiffs sustained—including consequential damages—for the DeviantArt Plaintiffs' costs in enforcing DeviantArt's Terms of Service.
431. The DeviantArt Plaintiffs are also entitled to recover restitution from DeviantArt for any unjust enrichment, including gains, profits, and advantages that it has obtained as a result of its breaches of the DeviantArt Terms of Service.

## COUNT SEVENTEEN

## Unjust enrichment <br> under Cal. Bus. \& Prof. Code § 17200 and California Common Law against DeviantArt on behalf of the DeviantArt Plaintiffs

432. The preceding factual allegations are incorporated by reference.
433. DeviantArt has held itself out as a community that supports artists. By abusing that trust and using the works hosted on DeviantArt to develop and promote DreamUp and the DreamUp-CompVis Model, which is based on Stable Diffusion 1.4, DeviantArt has violated the legal rights of the DeviantArt Plaintiffs, enabling it to receive profit and other benefits. It would be unjust for DeviantArt to retain these benefits.
434. Plaintiffs and the Class have invested substantial time and energy in creating their works, including those Plaintiffs chose to host on DeviantArt.
435. By using Plaintiffs' works to develop and promote DreamUp and the DreamUpCompVis Model, Plaintiffs and the Class were deprived of the benefit of the value of their works, including monetary damages.
436. Plaintiffs did not consent to the unauthorized use of their works to develop and promote DreamUp and the DreamUp-CompVis Model.
437. DeviantArt derived profit and/or other benefits from the use of Plaintiffs' works to train, develop and promote DreamUp and the DreamUp-CompVis Model.
438. It would be unjust for DeviantArt to retain those benefits.
439. The DeviantArt Plaintiffs are entitled to restitution, including disgorgement of profits and a constructive trust over all assets created with DreamUp and the DreamUpCompVis Model.

## XIX. JURY TRIAL DEMANDED

Pursuant to Federal Rule of Civil Procedure 38(b), Plaintiffs demand a trial by jury of all the claims asserted in this Complaint so triable.

Dated: November 29, 2023
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## EXHIBIT A

## (Plaintiff Images in LAION-5B)

Exhibit A: Plaintiff images in LAION-5B - p. 1

## Adam Ellis: training image 1


copyright registration: Books of Adam: The Blunder Years (TX0007828053)
LAION-5B caption: "Books of Adam: The Blunder Years: Amazon.co.uk: Ellis, Adam: 9781455516988: Books"

LAION-5B url: https://encrypted-tbn0.gstatic.com/images?q=tbn\%3AANd9GcRnlmySh0VND6u725x2gC6LDVsEQ84qkn9Ywgq usqp=CAU

Exhibit A: Plaintiff images in LAION-5B - p. 2
Adam Ellis: training image 2

copyright registration: Super Chill: A Year of Living Anxiously (TX0008744896)
LAION-5B caption: "Super Chill: A Year of Living Anxiously"
LAION-5B url: http://dianereviewsbooks.com/wp-content/uploads/2018/08/Super-Chill-A-Year-of-Living-Anxiously.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 3
Gerald Brom: training image 1

copyright registration: The Child Thief (TX0007054207)
LAION-5B caption: "The Child Thief, brom"
LAION-5B url: https://assets1.bmstatic.com/assets/audiobooks-covers/82/5f/SswoQQPq-large.jpeg?ts=1620993636

Exhibit A: Plaintiff images in LAION-5B - p. 4

## Gerald Brom: training image 2


copyright registration: The Child Thief (TX0007054207)
LAION-5B caption: "rebeccacablah: meloramylin: Peter Pan from Brom's 'The Child Thief'. One day I will be as good as Brom, one day. That's an interesting Peter Pan -Ell"
LAION-5B url: https://64.media.tumblr.com/tumbrr_luubyxXds51qdj4y001_500.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 5

## Gerald Brom: training image 3


copyright registration: The Child Thief (TX0007054207)
LAION-5B caption: "The Reverend from The Child Thief - Gerald Brom"
LAION-5B url: https://i.pinimg.com/736x/36/77/bd/3677bd135a32459c08c54a44ca3ccfa2--character-portraits-character-art.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 6

## Gerald Brom: training image 4


copyright registration: The Child Thief (TX0007054207)
LAION-5B caption: """"Lady of the Lake - """"The Child Thief"""" art by Gerald Brom""""
LAION-5B url: https://images.squarespace-cdn.com/content/v1/5899d53e6b8f5bbffd742979/1492977352451-EIIF54EAB3YBBGPEASTT/ke17ZwdGBToddI8pDm48kJuCwfBQEdHistWF5wjmTMFZw-
zPPgdn4jUwVcJE1ZvWEtT5uBSRWt4vQZAgTJucoTqqXjS3CfNDSuuf31eOtVHpYDFil1c4r69BCax3u6qJT7_KK4PuRCi3OEgD_X6zhXabq7Bp_ UDyUGhG1qO9rm8/image-asset.jpeg

Exhibit A: Plaintiff images in LAION-5B - p. 7
Gerald Brom: training image 5

copyright registration: Krampus (TX0007639837)
LAION-5B caption: "Krampus by Brom"
LAION-5B url: https://darkermagazine.ru/uploads/files_elfinder/2013/11/Tma_v_knigah/brom1.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 8

## Gerald Brom: training image 6


copyright registration: Krampus (TX0007639837)
LAION-5B caption: "Krampus - Brom, Jakob Schmidt"
LAION-5B url: https://wasliestdu.de/dateien/styles/width-200/public/cover/5/5A/5AE/krampus-brom.jpeg?itok=hVeryoOc

Exhibit A: Plaintiff images in LAION-5B - p. 9

## Gerald Brom: training image 7


copyright registration: Krampus (TX0007639837)
LAION-5B caption: "An Exclusive First Look at Brom's New Dark Fantasy Book - Featuring Krampus, the Christmas Devil!"

LAION-5B url: http://i.kinja-img.com/gawker-media/image/upload/s--JBXh1XGL--/17fohqcos6s7ajpg.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 10

## Gerald Brom: training image 8


copyright registration: Krampus (TX0007639837)
LAION-5B caption: "Krampus artwork by Brom"
LAION-5B url: http://images5.fanpop.com/image/photos/29400000/Krampus-artwork-by-Brom-fantasy-art-29435330-317-500.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 11

## Gerald Brom: training image 9


copyright registration: Krampus (TX0007639837)
LAION-5B caption: "Krampus artwork by Brom"
LAION-5B url: http://images5.fanpop.com/image/photos/29400000/Krampus-artwork-by-Brom-fantasy-

Exhibit A: Plaintiff images in LAION-5B - p. 12

## Gerald Brom: training image 10


copyright registration: Krampus (TX0007639837)
LAION-5B caption: "Krampus: The Yule Lord"
LAION-5B url: https://i.pinimg.com/236x/83/d5/46/83d54653a794350a7aed14305ab59fc2--dark-fantasy-fantasy-art.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 13

## Gerald Brom: training image 11


copyright registration: Krampus (TX0007639837)
LAION-5B caption: "Perchta (aka Mrs. Claus) Brom"
LAION-5B url: https://gneissmoon.files.wordpress.com/2014/01/perchta-aka-mrs-claus-brom.jpg?w=584

Exhibit A: Plaintiff images in LAION-5B - p. 14

## Gerald Brom: training image 12


copyright registration: Lost Gods (TX0008339972)
LAION-5B caption: "Lost Gods - A Novel ebook by Brom"
LAION-5B url: https://cdn.kobo.com/book-images/7eab2fb4-8442-47a4-b8df-0ffbc914ea0a/353/569/90/False/lost-gods-3.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 15

## Gerald Brom: training image 13


copyright registration: Lost Gods (TX0008339972)
LAION-5B caption: "Brom - Lost Gods"
LAION-5B url: https://atticcartomancy.com/cards/wp-content/uploads/2017/11/brom-lost-gods.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 16
Gerald Brom: training image 14

copyright registration: Lost Gods (TX0008339972)
LAION-5B caption: "Gerald Brom Art painting illustration lord Kashaol"
LAION-5B url: https://conceptartworld.com/wp-content/uploads/2009/08/Gerald-Brom-Art-painting-illustration-lord-Kashaol680x863.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 17

## Gregory Manchess: training image 1


copyright registration: Above the Timberline (TX0008571339)
LAION-5B caption: "Gregory Manchess: Above the Timberline"
LAION-5B url: https://images.gr-assets.com/books/1492892244l/34937679.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 18

## Gregory Manchess: training image 2


copyright registration: Above the Timberline (TX0008571339)
LAION-5B caption: "Above the Timberline cover reveal Greg Manchess"
LAION-5B url: https://i0.wp.com/www.tor.com/wp-content/uploads/2017/04
/Timberline_interior1-740x303.jpg?resize=740\%2C303\&

Exhibit A: Plaintiff images in LAION-5B - p. 19

## Gregory Manchess: training image 3


copyright registration: Above the Timberline (TX0008571339)
LAION-5B caption: "Above the Timberline cover reveal Greg Manchess"
LAION-5B url: https://i0.wp.com/www.tor.com/wp-content/uploads/2017/04
/Timberline_interior02-740x303.jpg?resize=740\%2C303\&

Exhibit A: Plaintiff images in LAION-5B - p. 20

## Gregory Manchess: training image 4


copyright registration: Above the Timberline (TX0008571339)
LAION-5B caption: "Above the Timberline cover reveal Greg Manchess"
LAION-5B url: https://i1.wp.com/www.tor.com/wp-content/uploads/2017/04
/Timberline_interior03-740x303.jpg?resize=740\%2C303\&

Exhibit A: Plaintiff images in LAION-5B - p. 21

## Gregory Manchess: training image 5


copyright registration: Above the Timberline (TX0008571339)
LAION-5B caption: "Above the Timberline by Greg Manchess"
LAION-5B url: https://i2.wp.com/www.tor.com/wp-content/uploads/2017/10/Timberline_Manchess_1.png?fit=740\%2C+9999q

Exhibit A: Plaintiff images in LAION-5B - p. 22

## Gregory Manchess: training image 6


copyright registration: Above the Timberline (TX0008571339)
LAION-5B caption: "big wild cats running in snow by Gregory Manchess"
LAION-5B url: https://1.bp.blogspot.com/-3IWaoifW5Vo/XtFB3KdHL_I/AAAAAAAAL2w/aS7LE88FXEML98q8Waqd3_8aitqiMPDgCLcBGAsYHQ/s640/Gregory\%2BManchess.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 23

## Gregory Manchess: training image 7


copyright registration: Above the Timberline (TX0008571339)
LAION-5B caption: "Above the Timberline cover reveal Greg Manchess"
LAION-5B url: https://i0.wp.com/www.tor.com/wp-content/uploads/2017/04
/Timberline_interior04-740x303.jpg?resize=740\%2C303qtype=vertical\&quality=100

Exhibit A: Plaintiff images in LAION-5B - p. 24
Grzegorz Rutkowski: training image 1

copyright registration: unregistered
LAION-5B caption: "Dragon's Breath by Grzegorz Rutkowski"
LAION-5B url: https://i.pinimg.com/736x/79/29/85/792985ea833c93fd0da1548ba4c05189.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 25

## Grzegorz Rutkowski: training image 2


copyright registration: unregistered
LAION-5B caption: "Grzegorz rutkowski dwarf 2 4"
LAION-5B url: https://cdn.artstation.com/p/assets/images/images/004/111/222/20161129145028/smaller_square/grzegorz-rutkowski-dwarf-2-4.jpg?1480452628

Exhibit A: Plaintiff images in LAION-5B - p. 26

## Grzegorz Rutkowski: training image 3


copyright registration: unregistered
LAION-5B caption: "Oil Brushes for photoshop - Grzegorz Rutkowski"
LAION-5B url: https://i.ytimg.com/vi/B-fdzHA1e_0/maxresdefault.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 27

## Grzegorz Rutkowski: training image 4


copyright registration: unregistered
LAION-5B caption: "Grzegorz rutkowski swamp ambush over 2 1400"
LAION-5B url: https://cdn.artstation.com/p/assets/images/images/000/100/545/20140612051639/smaller_square/grzegorz-rutkowski-swamp-ambush-over-2-1400.jpg?1443932333

Exhibit A: Plaintiff images in LAION-5B - p. 28

## Grzegorz Rutkowski: training image 5


copyright registration: unregistered
LAION-5B caption: "1266-battle-of-dragon-cavern-grzegorz-rutkowski"
LAION-5B url: https://images.squarespace-cdn.com/content/58616771e4fcb5ea1259f197/1503704199669-
FDQUDP3LTUE5JWOYNRKU/1266-battle-of-dragon-cavern-grzegorz-rutkowski?format=1000w\&content-type=image\%2Fjpeg

Exhibit A: Plaintiff images in LAION-5B - p. 29

## Grzegorz Rutkowski: training image 6


copyright registration: unregistered
LAION-5B caption: "Fisherman's boy by 88grzes"
LAION-5B url: https://images-wixmp-ed30a86b8c4ca887773594c2.wixmp.com/intermediary/f/0f32ddfc-07dd-4afe-bcfd-60218bd1c565/dc2245x-e9edc8ec-a841-47e9-82a5-99d7869468bd.jpg/v1/fill/w_454,h_250,q_70,strp
/fisherman_s_boy_by_88grzes_dc2245x-250t.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 30

## Grzegorz Rutkowski: training image 7


copyright registration: unregistered

## LAION-5B caption: "Archangel by 88grzes"

LAION-5B url: https://images-wixmp-ed30a86b8c4ca887773594c2.wixmp.com/f/0f32ddfc-07dd-4afe-bcfd-60218bd1c565 /d2260w1-d3b8823f-33d2-4f55-81b4-0309727faa9c.jpg/v1/fill/w_600,h_900,q_75,strp



 In1dXX0.MM97IKd3UE1dNneOqofSdY9bMoNJCGSurqt6IUcdl_M

Exhibit A: Plaintiff images in LAION-5B - p. 31

## Grzegorz Rutkowski: training image 8


copyright registration: unregistered
LAION-5B caption: "Underwater by 88grzes "
LAION-5B url: https://images-wixmp-ed30a86b8c4ca887773594c2.wixmp.com/intermediary/f/0f32ddfc-07dd-4afe-bcfd-60218bd1c565/d2hm9de-dad37eb6-e461-4a55-8152-9c23feb2f6c7.jpg/v1/crop
/w_238,h_250,x_0,y_0,scl_0.35789473684211,q_70,strp/underwater_by_88grzes_d2hm9de-250t.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 32

## Hawke Southworth: training image 1


copyright registration: unregistered

## LAION-5B caption: ".:Flowers:. by Hauket"

LAION-5B url: https://images-wixmp-ed30a86b8c4ca887773594c2.wixmp.com/f/b69d3c5a-a56b-4440-9973-baf982dd19a4 /dd6wlk4-48bb99ad-4c4a-401f-a54d-a7a1d3ac93fe.png/v1/crop/w_174,h_250,x_0,y_0,scl_0.10028818443804,strp
$\qquad$ __flowers $\qquad$ by_hauket_dd6wlk4-250t.png?token=eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzl1NiJ9.eyJzdWIiOiJ1cm46YXBwOjdIMGQxODg5ODI yNjQzNzNhNWYwZDQxNWVhMGQyNmUwliwiaXNzIjoidXJuOmFwcDo3ZTBkMTg4OTgyMjYOMzczYTVmMGQOMTVIYTBkMjZIMCIsIm9iail 6W1t7ImhlaWdodCI6Ijw9MjMwNilsInBhdGgiOiJcL2ZcL2I2OWQzYzVhLWE1NmItNDQ0MC05OTczLWJhZjk4MmRkMTLhNFwvZGQ2d2xrNC0 OOGJiOTlhZCOOYzRhLTQwMWYtYTUOZC1hN2ExZDNhYzkzZmUucG5nliwid2lkdGgiOil8PTE2MDAifV1dLCJhdWQiOlsidXJuOnNlcnZpY2U6 aW1hZ2Uub3BIcmF0aW9ucyJdfQ.Pnqpkwx83memsriyWr4IWGn1h-fqWz_KeDJVIZk-G9A

Exhibit A: Plaintiff images in LAION-5B - p. 33

## Hawke Southworth: training image 2


copyright registration: unregistered

## LAION-5B caption: "Baby Spire Auction!! closed by Hauket"

LAION-5B url: https://images-wixmp-ed30a86b8c4ca887773594c2.wixmp.com/f/b69d3c5a-a56b-4440-9973-baf982dd19a4 /d8tmba5-287313eb-e225-487f-a2c2-031c094c53a4.png/v1/fill/w_887,h_901,q_75,strp/baby_spire_auction_ $\qquad$ closed_by_hauketd8tmba5.png?token=eyJOeXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJ1cm46YXBwOjdIMGQxODg5ODIyNjQzNzNhNWYwZDQxNWVh MGQyNmUwliwic3ViljoidXJuOmFwcDo3ZTBkMTg4OTgyMjY0MzczYTVmMGQOMTVIYTBkMjZIMCIsImF1ZCI6WyJ1cm46c2VydmljZTppbW FnZS5vcGVyYXRpb25zIIOsIm9iail6W1t7InBhdGgiOilvZi9iNjlkM2M1YS1hNTZiLTQONDAtOTk3My1iYWY5ODJkZDE5YTQvZDh0bWJhNSOyO DczMTNIYi1IMjI1LTQ4N2YtYTJjMiOwMzFjMDkOYzUzYTQucG5nliwid2lkdGgiOil8PTg4NyIsImhlaWdodCI6Ijw9OTAxIn1dXX0.qSsSX_SSfRnFoluzvd_x1e2pDq8WGZYXsgBbBKHuhQ

## Exhibit A: Plaintiff images in LAION-5B - p. 34

## Hawke Southworth: training image 3


copyright registration: unregistered
LAION-5B caption: "more fox customs by Hauket"
LAION-5B url: https://images-wixmp-ed30a86b8c4ca887773594c2.wixmp.com/f/b69d3c5a-a56b-4440-9973-baf982dd19a4 /d5ckkb3-732d3f4d-9332-49df-
bfb6-6d55b5d8167e.png?token=eyJOeXAiOiJKV1QiLCJhbGciOiJIUzl1NiJ9.eyJpc3MiOiJ1cm46YXBwOjdIMGQxODg5ODIyNjQzNzNhNWYw ZDQxNWVhMGQyNmUwliwic3ViljoidXJuOmFwcDo3ZTBkMTg4OTgyMjYOMzczYTVmMGQOMTVIYTBkMjZIMCIsImF1ZCI6WyJ1cm46c2Vyd mljZTpmaWxILmRvd25sb2FkIIOsIm9iail6W1t7InBhdGgiOilvZi9iNjlkM2M1YS1hNTZiLTQONDAtOTk3My1iYWY5ODJkZDE5YTQvZDVja2tiMy 03MzJkM2Y0ZC05MzMyLTQ5ZGYtYmZiNi02ZDU1YjVkODE2N2UucG5nIn1dXX0.Oyt3kHmGsVxdmiNFVcP-ifGsgxNY_PwFFkLyCS-bhzI

Exhibit A: Plaintiff images in LAION-5B - p. 35

## Hawke Southworth: training image 4


copyright registration: unregistered
LAION-5B caption: ".:Kebanzu Summer Event!!:. by Hauket"
LAION-5B url: https://images-wixmp-ed30a86b8c4ca887773594c2.wixmp.com/intermediary/f/b69d3c5a-a56b-4440-9973-baf982dd19a4/dcgqfee-5106c503-7095-468a-90de-0289ea2d0111.png/v1/fill/w_179,h_200,strp
$\qquad$ _kebanzu_summer_event $\qquad$ by_hauket_dcgqfee-200h.png

## Exhibit A: Plaintiff images in LAION-5B - p. 36

## Hawke Southworth: training image 5


copyright registration: unregistered

## LAION-5B caption: "Fox Mask preview by Hauket"

LAION-5B url: https://images-wixmp-ed30a86b8c4ca887773594c2.wixmp.com/f/b69d3c5a-a56b-4440-9973-baf982dd19a4 /d58dg7k-10e2fb0f-4cf9-44b5-8870-a28854c62fb7.png/v1/fill/w_800,h_580,q_75,strp/fox_mask_preview_by_aviator33-
d58dg7k.png?token=eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzl1NiJ9.eyJpc3MiOiJ1cm46YXBwOjdIMGQxODg5ODIyNjQzNzNhNWYwZDQxNWVh MGQyNmUwliwic3ViljoidXJuOmFwcDo3ZTBkMTg4OTgyMjYOMzczYTVmMGQ0MTVIYTBkMjZIMCIsImF1ZCI6WyJ1cm46c2VydmljZTppbW FnZS5vcGVyYXRpb25zIlOsIm9iail6W1t7InBhdGgiOilvZi9iNjlkM2M1YS1hNTZiLTQ0NDAtOTk3My1iYWY5ODJkZDE5YTQvZDU4ZGc3ay0xM GUyZmIwZi00Y2Y5LTQ0YjUtODg3MC1hMjg4NTRjNjJmYjcucG5nliwid2lkdGgiOil8PTgwMCIsImhlaWdodCI6Ijw9NTgwIn1dXX0.vYb5MDK4r Mt7ViV4PfRHUQ4FAPbdnyrXkbC5SMnH7U8

## Exhibit A: Plaintiff images in LAION-5B - p. 37

## Hawke Southworth: training image 6


copyright registration: unregistered

## LAION-5B caption: "Feerin Sketch Ref by Hauket"

LAION-5B url: https://images-wixmp-ed30a86b8c4ca887773594c2.wixmp.com/f/b69d3c5a-a56b-4440-9973-baf982dd19a4 /d6d3pwq-39e51726-d2b6-403f-
81f1-5e89af36151b.png?token=eyJOeXAiOiJKV1QiLCJhbGciOiJIUzl1NiJ9.eyJpc3MiOiJ1cm46YXBwOjdIMGQxODg5ODIyNjQzNzNhNWYwZ DQxNWVhMGQyNmUwliwic3ViljoidXJuOmFwcDo3ZTBkMTg4OTgyMjYOMzczYTVmMGQOMTVIYTBkMjZIMCIsImF1ZCI6WyJ1cm46c2Vyd mljZTpmaWxILmRvd25sb2FkIIOsIm9iail6W1t7InBhdGgiOilvZi9iNjlkM2M1YS1hNTZiLTQONDAtOTk3My1iYWY5ODJkZDE5YTQvZDZkM3B3 cSOzOWU1MTcyNi1kMmI2LTQwM2YtODFmMS01ZTg5YWYzNjE1MWIucG5nIn1dXX0.v2d8-
x8dnbkON5oqXQRU7utY3LfUXfOvwekEGq1eZoY

## Exhibit A: Plaintiff images in LAION-5B - p. 38

## Hawke Southworth: training image 7



## copyright registration: unregistered

## LAION-5B caption: "Shapeshifter Character Design"

LAION-5B url: https://images-wixmp-ed30a86b8c4ca887773594c2.wixmp.com/f/b69d3c5a-a56b-4440-9973-baf982dd19a4 /d9d4oe2-89e81c82-4361-43ad-8d9e-b25de45bc2b1.png/v1/fill/w_947,h_844,q_75,strp/shapeshifter_nomad_sketches_by_hauketd9d4oe2.png?token=eyJOeXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJ1cm46YXBwOjdIMGQxODg5ODIyNjQzNzNhNWYwZDQxNWVh MGQyNmUwliwic3ViljoidXJuOmFwcDo3ZTBkMTg4OTgyMjYOMzczYTVmMGQ0MTVIYTBkMjZIMCIsImF1ZCI6WyJ1cm46c2VydmljZTppbW FnZS5vcGVyYXRpb25zIIOsIm9iail6W1t7InBhdGgiOilvZi9iNjlkM2M1YS1hNTZiLTQONDAtOTk3My1iYWY5ODJkZDE5YTQvZDIkNG9IMiO4OW U4MWM4Mi00MzYxLTQzYWQtOGQ5ZS1iMjVkZTQ1YmMyYjEucG5nliwid2lkdGgiOil8PTkONylsImhlaWdodCI6Ijw9ODQOIn1dXX0.FUCB2L9 XyF2e7dVsRW5fEfe_EdlbZZ-kAb7R6-FudEY

Exhibit A: Plaintiff images in LAION-5B - p. 39

## Jingna Zhang: training image 1


copyright registration: Anouk (VA0001911930)
LAION-5B caption: "Fashion Gone Rogue: Anouk by Jingna Zhang, via Behance"
LAION-5B url: https://i.pinimg.com/236x/4b/5e/b9/4b5eb92903fa8c8efb6c604eac96c19e--editorial-fashion-fashion-shoot.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 40
Jingna Zhang: training image 2

copyright registration: Anouk (VA0001911930)
LAION-5B caption: "anouk van kleef6 Anouk van Kleef by Zhang Jingna for Fashion Gone Rogue"
LAION-5B url: https://www.fashiongonerogue.com/wp-content/uploads/2013/11/anouk-van-kleef6.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 41

## Jingna Zhang: training image 3


copyright registration: Anouk (VA0001911930)
LAION-5B caption: "anouk van kleef4 Anouk van Kleef by Zhang Jingna for Fashion Gone Rogue"
LAION-5B url: https://www.fashiongonerogue.com/wp-content/uploads/2013/11/anouk-van-kleef4.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 42
Jingna Zhang: training image 4

copyright registration: Anouk (VA0001911930)
LAION-5B caption: "anouk van kleef5 Anouk van Kleef by Zhang Jingna for Fashion Gone Rogue "
LAION-5B url: https://i.pinimg.com/236x/92/8c/31/928c318483980203aa17488f2b23152f.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 43

## Jingna Zhang: training image 5


copyright registration: Anouk (VA0001911930)
LAION-5B caption: "anouk van kleef9 Anouk van Kleef by Zhang Jingna for Fashion Gone Rogue "
LAION-5B url: https://www.fashiongonerogue.com/wp-content/uploads/2013/11/anouk-van-kleef9.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 44

## Jingna Zhang: training image 6


copyright registration: Motherland Chronicles (VA0001917341)

LAION-5B url: https://i.pinimg.com/736x/c0/37/4a/c0374aad0404c333b0ba5943c4c08b62.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 45

## Jingna Zhang: training image 7


copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "Motherland Chronicles \#7 - Self Portrait in Water "
LAION-5B url: https://images.squarespace-cdn.com/content/53adb9cbe4b05e0d792c6c88
/1501891362755-4RG36SGG7AOZ38SM863X/Motherland-Chronicles-7-Self-Portrait-in-Water.jpg?content-type=image\%2Fjpeg

Exhibit A: Plaintiff images in LAION-5B - p. 46
Jingna Zhang: training image 8

copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "Jingna Zhang Fashion, Fine Art \& Beauty Photography - Blog "
LAION-5B url: https://i.pinimg.com/originals/1f/6a/49/1f6a490bdb93abf07b9dde5d65fb3266.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 47
Jingna Zhang: training image 9

copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "aurorae: Motherland Chronicles \#18 - Julia by `zemotion on deviantART"
LAION-5B url: https://i.pinimg.com/736x/8b/6c/23/8b6c239d46e3a49d2ead483b9949b8c0--character-ideas-character-design.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 48
Jingna Zhang: training image 10

copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "Motherland Chronicles 20 Lily ii by Zhang Jingna (Zemotion)"
LAION-5B url: https://i.pinimg.com/236x/da/96/4c/da964c6625fa4b85415fff027ab6511e.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 49
Jingna Zhang: training image 11

copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "Zhang Jingna fotografia fashion surreal"
LAION-5B url: https://4.bp.blogspot.com/-CdFJwROrwEg/VJ7QLo-fq71/AAAAAAABDiw/uTnhuvOMbuY/51600/Motherland-

Exhibit A: Plaintiff images in LAION-5B - p. 50
Jingna Zhang: training image 12

copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "Creative Photography by Zhang Jingna"
LAION-5B url: https://i.pinimg.com/236x/d7/1a/92/d71a920d72731e7ea8fb1614e8a8a374-fairy-tales-make-up.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 51

## Jingna Zhang: training image 13


copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "Motherland Chronicles \#24 - Alodia Photography: Zhang Jingna Model: Alodia Gosiengfiao Hair: James Thomas Makeup: Lindsey Rivera Photo Assistants: Julia Wang, JoEllen Elam Lace top: Mother of London Skirt: Firefly Path Headdress: Bubbles And Frown Studio: Pillar Box Studios"

LAION-5B url: https://i.pinimg.com/236x/31/85/c2/3185c24ec79cc4c26bedc69017041a10.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 52
Jingna Zhang: training image 14

copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "zemotion - Motherland Chronicles 25 - Raven Girl "
LAION-5B url: https://farm6.staticflickr.com/5513/9449966347_0e65d52305_z.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 53
Jingna Zhang: training image 15

copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "Motherland Chronicles - Lyle , 2013"
LAION-5B url: https://images.squarespace-cdn.com/content/53adb9cbe4b05e0d792c6c88

Exhibit A: Plaintiff images in LAION-5B - p. 54

## Jingna Zhang: training image 16


copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "Fantasy-Inspired Portraits of Beautifully Surreal Women - Zhang Jingna (aka zemotion)"

LAION-5B url: https://i.pinimg.com/236x/e4/20/89/e42089e1a2367befe0bc7de896dad4ef.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 55

## Jingna Zhang: training image 17


copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "Motherland Chronicles 32 - Ea by Zhang Jingna"
LAION-5B url: https://cloudfront.slrlounge.com/wp-content/uploads/2013/10/Motherland-Chronicles-32-Ea-Zhang-Jingnazemotion.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 56

## Jingna Zhang: training image 18


copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "Motherland Chronicles \#35-Kalli, 2013 "
LAION-5B url: https://images.squarespace-cdn.com/content/54551600e4bOa3c8f0e11fd4/1414868472628-
ARNKQLNCZGPBTD7WRURK/Motherland-Chronicles-35---Kalli-Zhang-Jingna-zemotion.jpg?content-type=image\%2Fjpeg

Exhibit A: Plaintiff images in LAION-5B - p. 57
Jingna Zhang: training image 19

copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "Epic fine-art photography by Zhang Jingna "
LAION-5B url: https://i.pinimg.com/236x/7f/6b/97/7f6b972614c2d8ea0e42550778342c22.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 58
Jingna Zhang: training image 20

copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "Photography: Zhang Jingna"
LAION-5B url: https://i.pinimg.com/236x/b2/d4/2e/b2d42efa905c6617a8bbffe848436adf.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 59

## Jingna Zhang: training image 21


copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "Motherland-Chronicle_Zhang-Jingna-41-From-the-Ashes.jpg "
LAION-5B url: https://images.squarespace-cdn.com/content/53adb9cbe4b05e0d792c6c88
/1501891479498-OGSDWL5VWRHOVBPQ39D3/Motherland-Chronicle_Zhang-Jingna-41-From-the-Ashes.jpg?content-type=image\%2Fjpeg

Exhibit A: Plaintiff images in LAION-5B - p. 60
Jingna Zhang: training image 22

copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "© Zhang Jingna.Motherland Chronicles - Dreaming, 2013 "
LAION-5B url: https://images.squarespace-cdn.com/content/5702ab9d746fb9634796c999/1492020010865-
DXWEYOKLNGGLSCYRONGY/?content-type=image\%2Fjpeg

Exhibit A: Plaintiff images in LAION-5B - p. 61
Jingna Zhang: training image 23

copyright registration: Motherland Chronicles (VA0001917341)
LAION-5B caption: "zemotion | Zhang Jingna Photography Blog: 8 Tips for Underwater Model Photography"

LAION-5B url: https://i.pinimg.com/236x/ce/7a/d1/ce7ad1eb64a54b1b85864d7278efa355.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 62
Jingna Zhang: training image 24

copyright registration: Portrait of Solitude (VA0001917201)
LAION-5B caption: "zemotion - Portrait of Solitude."
LAION-5B url: https://farm7.staticflickr.com/6129/5960733525_48da5b4f62_z.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 63

## Julia Kaye: training image 1


copyright registration: My Life in Transition: A Super Late Bloomer Collection (TX0009086758) LAION-5B caption: "My Life in Transition - Julia Kaye"

LAION-5B url: https://www.bokkilden.no/servlet/VisBildeServlet?produktld=25341455qwidth=400

Exhibit A: Plaintiff images in LAION-5B - p. 64

## Julia Kaye: training image 2


copyright registration: Super Late Bloomer: My Early Days in Transition (TX0008576918) LAION-5B caption: "Super Late Bloomer: My Early Days in Transition - Kaye, Julia"

LAION-5B url: https://www3.alibris-static.com/super-late-bloomer-my-early-days-in-transition/isbn/9781449489625_l.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 65 Julia Kaye: training image 3

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WWW.UPANDOUTCOMIC.COM
copyright registration: Super Late Bloomer: My Early Days in Transition (TX0008576918) LAION-5B caption: "Julia Kaye Tells Her Transgender Stories In Hilariously Emotional Comics" LAION-5B url: https://www.tobeeko.com/wp-content/uploads/2017/07/julia-kaye-tells-her-transgender-stories-in-hilariously-emotional-comics_02.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 66 Julia Kaye: training image 4

copyright registration: Super Late Bloomer: My Early Days in Transition (TX0008576918) LAION-5B caption: "Julia Kaye Tells Her Transgender Stories In Hilariously Emotional Comics"

LAION-5B url: https://www.tobeeko.com/wp-content/uploads/2017/07/julia-kaye-tells-her-transgender-stories-in-hilariously-
emotional-comics_03.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 67

## Julia Kaye: training image 5


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Exhibit A: Plaintiff images in LAION-5B - p. 68 Julia Kaye: training image 6

copyright registration: Super Late Bloomer: My Early Days in Transition (TX0008576918) LAION-5B caption: "Julia Kaye Tells Her Transgender Stories In Hilariously Emotional Comics"

LAION-5B url: https://www.tobeeko.com/wp-content/uploads/2017/07/julia-kaye-tells-her-transgender-stories-in-hilariously-
emotional-comics_06.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 69
Karla Ortiz: training image 1

copyright registration: I. Nature (VA0002345330)
LAION-5B caption: "Dramatic graphite drawings by Karla Ortiz - Artists Inspire Artists"
LAION-5B url: https://i.pinimg.com/736x/fb/d9/6c/fbd96c58dd3e579d358dc5218af1715d.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 70
Karla Ortiz: training image 2

copyright registration: Rigidum (VA0002344253)
LAION-5B caption: "Oil painting of a man sitting on a red couch by Karla Ortiz."
LAION-5B url: https://visualartspassage.com/wp-content/uploads/2021/06/illustration-karla-drawing-painting-ortiz-drawingpainting.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 71

## Karla Ortiz: training image 3


copyright registration: unregistered
LAION-5B caption: "Fantasy art of woman with birds by Karla Ortiz."
LAION-5B url: https://visualartspassage.com/wp-content/uploads/2021/06/woman-illustration-falling-karla-ortiz-painting.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 72

## Karla Ortiz: training image 4


copyright registration: unregistered
LAION-5B caption: "'La Dama y El Pasado' by Karla Ortiz"
LAION-5B url: https://i.pinimg.com/736x/57/5d/ff/575dff5314a01db5fb3dd16bd948feb8--karla-ortiz-art-sites.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 73

## Karla Ortiz: training image 5


copyright registration: unregistered
LAION-5B caption: "Karla-Ortiz-Mensajeros-2013.jpg"
LAION-5B url: https://images.squarespace-cdn.com/content/5ab3f08a9f8770edeb8af6a1/1530383770342-AUECEBCJJFZHTB3LXXH3/Karla-Ortiz-Mensajeros-2013.jpg?format=1000w\&content-type=image\%2Fjpeg

Exhibit A: Plaintiff images in LAION-5B - p. 74
Karla Ortiz: training image 6

copyright registration: unregistered
LAION-5B caption: "by Karla Ortiz"
LAION-5B url: https://i.pinimg.com/736x/bd/7b/87/bd7b879e57adf6d8e13966c645af0724--les-artists-bunny-rabbits.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 75
Karla Ortiz: training image 7

copyright registration: unregistered
LAION-5B caption: """Ultimum"" by Karla Ortiz""
LAION-5B url: https://brokeassstuart.com/wp-content/pictsnShit/2016/12
/14947640_10155358540049409_609547523221697987_n.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 76
Karla Ortiz: training image 8

copyright registration: unregistered
LAION-5B caption: """"""""El Ayer""" by Karla Ortiz.""""
LAION-5B url: https://brokeassstuart.com/wp-content/pictsnShit/2016/12
/10557178_10153005128874409_6767391962241637613_n.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 77

## Karla Ortiz: training image 9


copyright registration: unregistered
LAION-5B caption: """"The Herd"" by Karla Ortiz (digital)""
LAION-5B url: https://images.squarespace-cdn.com/content/v1/551d418fe4b05cce10fa9doc /1497565052019-63URKP9NXX66C9V4K6DE
/ke17ZwdGBToddI8pDm48kBDwWNHL63az8PYWyn6GpQMUqsxRUqqbr1mOJYKfIPR7LoDQ9mXPOjoJoqy81S2I8N_N4V1vUb5AolIIbLZhV YxCRW4BPu10St3TBAUQYVKccqwmZ1C3tQbKp8OGjiqCZQEO2QVRC4UdnGeJhh4FU6d8XBEBU0uPRRas2uMp0kFD/karine-foresti
\%C3\%A9-white-rhino.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 78

## Karla Ortiz: training image 10


copyright registration: unregistered
LAION-5B caption: "Despierta (print), 2018, Archival pigmen"
LAION-5B url: https://static.wixstatic.com/media/e8d3af_103129af461147c3a07c4126df3b23af~mv2.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 79

## Karla Ortiz: training image 11


copyright registration: unregistered
LAION-5B caption: "Karla_Ortiz_Concept_Art_10_drawing_serfandhound"
LAION-5B url: http://conceptartworld.com/wp-content/uploads/2013/10/Karla_Ortiz_Concept_Art_10_drawing_serfandhound-

Exhibit A: Plaintiff images in LAION-5B - p. 80

## Karla Ortiz: training image 12


copyright registration: unregistered
LAION-5B caption: "The Art of Karla Ortiz: Drawing process."
LAION-5B url: https://i.pinimg.com/originals/07/b1/9b/07b19b2ca47d334633dabbbfaa64b7f3.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 81
Karla Ortiz: training image 13

copyright registration: unregistered
LAION-5B caption: "Karla Ortiz, 'Paz en Muerte'"
LAION-5B url: https://d7hftxdivxxvm.cloudfront.net/?resize_to=fitqwidth=400qheight=547qquality=80qsrc=https\%3A\%2F \%2Fd32dmOrphc51dk.cloudfront.net\%2F3WqC38ho6Fk2IOsFQIdO0Q\%2Flarge.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 82
Karla Ortiz: training image 14

copyright registration: unregistered
LAION-5B caption: "Sketchbook drawing, painting of female figure by Karla Ortiz."
LAION-5B url: https://visualartspassage.com/wp-content/uploads/2021/06/karla-ortiz-portrait-painting-art.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 83

## Karla Ortiz: training image 15


copyright registration: unregistered
LAION-5B caption: "Arwen by Karla Ortiz - Gallery Nucleus"
LAION-5B url: https://i.pinimg.com/236x/68/a7/be/68a7be733b2cae2afc3234538ad41290.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 84 Kelly McKernan: training image 1

copyright registration: unregistered
LAION-5B caption: "Kelly McKernan, paintings"
LAION-5B url: https://ego-alterego.com/wp-content/uploads/2015/05/Kelly-McKernan-paintings1-290x290.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 85
Kelly McKernan: training image 2

copyright registration: unregistered
LAION-5B caption: ""Kelly McKernan ""Provenance" " Watercolor 11" x x 14" x x 1.5"" """"
LAION-5B url: https://i.pinimg.com/236x/67/b8/d2/67b8d29838ebce8ce4bcec959f9953cc--gif-art-animated-gif.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 86
Kelly McKernan: training image 3

copyright registration: unregistered
LAION-5B caption: """Concede"", by Kelly McKernan""
LAION-5B url: https://i.pinimg.com/236x/28/80/01/288001d473150a9d3b091ec57f306f1a.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 87 Kelly McKernan: training image 4

copyright registration: unregistered

## LAION-5B caption: "Femme of Fantasy Come Alive in Kelly McKernan's Paintings"

LAION-5B url: https://h3.googleusercontent.com/proxy/dih8oV88vcHG8_3SavFDEVzrE-zd_t9YulE71C43Wyh2qf4P-Vzj_k3JZYWk-n1wl44ond5IGUCVJKW5nO_R15dFP4nhD-
wdrObLOT_ClpumYgsRoj2U0EbS5avHc6mDcIxnYJPG6yKSWG4vbHA39KmWJ1vKvd9XC8zSvoWOp5HRUT3JjJWH5OZabo3nboYMXYOUaR 8IwvODHVCrNOSIBvhmg-vLKdIU484HpSXOG7BMSiOrX_6K-17Ujed_2usNOTz3iorsgV516iRauq-CJOg=w530-h265-p

Exhibit A: Plaintiff images in LAION-5B - p. 88
Kelly McKernan: training image 5

copyright registration: unregistered
LAION-5B caption: ""Fester 20"" x 24"" watercolor on watercolor paper panel by Kelly McKernan""

LAION-5B url: https://ego-alterego.com/wp-content/uploads/2015/05/Kelly-McKernan-paintings8.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 89
Kelly McKernan: training image 6

copyright registration: unregistered
LAION-5B caption: "kelly mckernan art"
LAION-5B url: http://www.everydayoriginal.com/wp-content/uploads/2015/07/augury-614x1024-480×800.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 90 Kelly McKernan: training image 7

copyright registration: unregistered

## LAION-5B caption: "Delirium by kellymckernan"

LAION-5B url: https://images-wixmp-ed30a86b8c4ca887773594c2.wixmp.com/f/bb6174d5-922b-4f73-8ee6-92a07d7affa3 /d82wlmh-6ab7580f-a2c3-4347-a4d2-
a4ebbb4e700a.png?token=eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzl1NiJ9.eyJpc3MiOiJ1cm46YXBwOjdlMGQxODg5ODIyNjQzNzNhNWYwZDQx NWVhMGQyNmUwliwic3ViljoidXJuOmFwcDo3ZTBkMTg4OTgyMjYOMzczYTVmMGQOMTVIYTBkMjZIMCIsImF1ZCI6WyJ1cm46c2VydmljZT pmaWxlLmRvd25sb2FkIIOsIm9iail6W1t7InBhdGgiOilvZi9iYjYxNzRkNS05MjJiLTRmNzMtOGVINiO5MmEwN2Q3YWZmYTMvZDgyd2xtaC02 YWI3NTgwZi1hMmMzLTQzNDctYTRkMi1hNGViYmIOZTcwMGEucG5nIn1dXX0.DCBquO6P7KntyTWFZxHbFFoWtvKboQFmRoRS09ZGYUs

Exhibit A: Plaintiff images in LAION-5B - p. 91
Kelly McKernan: training image 8

copyright registration: unregistered

## LAION-5B caption: "Lady of Light by kellymckernan"

LAION-5B url: https://images-wixmp-ed30a86b8c4ca887773594c2.wixmp.com/intermediary/f/bb6174d5-922b-4f73-8ee6-92a07d7affa3/da4gpe6-bdac0d04-a812-42bf-9bd7-1af02d4ec7f8.jpg/v1/fill/w_314,h_400,q_70,strp /lady_of_light_by_kellymckernan_da4gpe6-400t.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 92 Kelly McKernan: training image 9

copyright registration: unregistered
LAION-5B caption: "Sakura by kellymckernan"
LAION-5B url: https://images-wixmp-ed30a86b8c4ca887773594c2.wixmp.com/intermediary/f/bb6174d5-922b-4f73-8ee6-92a07d7affa3/dbq8qzs-38f630fb-b862-4cf5-8b17-1aa57291c909.jpg/v1/fill/w_700,h_248,q_70,strp
/sakura_by_kellymckernan_dbq8qzs-350t.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 93

## Sarah Andersen: training image 1


copyright registration: Adulthood is a Myth 2020 Deluxe Day-to-Day Calendar (TX0008825086) LAION-5B caption: "Sarah s Scribbles 2020 Daily Calendar PDF"

LAION-5B url: https://books.google.com/books/content/images/frontcover/_O--wQEACAAJ?fife=w150-h200

Exhibit A: Plaintiff images in LAION-5B - p. 94

## Sarah Andersen: training image 2


copyright registration: Adulthood is a Myth 2020 Wall Calendar (TX0008826881) LAION-5B caption: "Sarahs Scribbles 2020 Wall Calendar: Amazon.es: Sarah ..."

LAION-5B url: https://images-na.ssl-images-amazon.com/images/I/814pDVdPIqL.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 95

## Sarah Andersen: training image 3


copyright registration: Adulthood Is A Myth: A "Sarah's Scribbles" 2018 Wall Calendar (TX0008614103)

LAION-5B caption: "Sarah's Scribbles 2018 Wall Calendar: Adulthood is a Myth PDF"
LAION-5B url: https://images-na.ssl-images-amazon.com/images/I/51opMsEwGSL.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 96

## Sarah Andersen: training image 4


copyright registration: Adulthood Is A Myth: A "Sarah's Scribbles" 2018 Wall Calendar (TX0008614103)

LAION-5B caption: "SarahS Scribbles 2018 Wall Calendar: Amazon.es: Sarah ... "
LAION-5B url: https://images-na.ssl-images-amazon.com/images/I/91aqK549mfL.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 97

## Sarah Andersen: training image 5


copyright registration: Adulthood is a Myth: A "Sarah's Scribbles" 2019 Daily Calendar (TX0008660257)

LAION-5B caption: "Sarah's Scribbles 2019 Deluxe Day-to-Day Calendar: Adulthood Is a Myth " LAION-5B url: https://images-fe.ssl-images-amazon.com/images/I/51zdAQ84IIL._SL200_.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 98

## Sarah Andersen: training image 6


copyright registration: Adulthood is a Myth: A "Sarah's Scribbles" 2019 Wall Calendar (TX0008706556)

LAION-5B caption: "Sarah's Scribbles 2019 Wall Calendar: Adulthood is a Myth "
LAION-5B url: https://images-na.ssl-images-amazon.com/images/I/71sfyxiscML._SL500_SR200,200_.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 99

## Sarah Andersen: training image 7


copyright registration: Adulthood is a Myth: A "Sarah's Scribbles" 2021 Daily Calendar (TX0009117084)

LAION-5B caption: "Adulthood is a Myth: A Sarah's Scribbles 2021 Daily Calendar "
LAION-5B url: https://www.sfbok.se/sites/default/files/styles/large/sfbok/sfbokbilder/207/207605.jpg?bust=1582127703\&

Exhibit A: Plaintiff images in LAION-5B - p. 100

## Sarah Andersen: training image 8


copyright registration: Adulthood is a Myth: A "Sarah's Scribbles" 2021 Wall Calendar (TX0009082399)

LAION-5B caption: "By Sarah Andersen: Sarah S Scribbles 2021 Calendar Adulthood Is A "
LAION-5B url: https://images-na.ssl-images-amazon.com/images/P/152485767X.08._PE2O_SCLzzzzzzz_.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 101

## Sarah Andersen: training image 9



## SARAH ANDERSEN

copyright registration: Adulthood Is a Myth: A Sarah's Scribbles Collection (TX0008207926) LAION-5B caption: "Adulthood is a Myth: A Sarah's Scribbles Collection"

LAION-5B url: https://storage.googleapis.com/circlesoft/document/photos/002/506/870/large_9781449474195.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 102

## Sarah Andersen: training image 10


copyright registration: Adulthood Is a Myth: A Sarah's Scribbles Collection (TX0008207926) LAION-5B caption: "Tomorrow I will wake up early, a Sarah's Scribbles comic by Sarah Andersen" LAION-5B url: https://i.pinimg.com/236x/1b/a1/ea/1ba1ea931268ec95528d9388a844fd39--sarah-andersen-comics-funnycomics.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 103

## Sarah Andersen: training image 11


copyright registration: Adulthood Is a Myth: A Sarah's Scribbles Collection (TX0008207926) LAION-5B caption: "A Super Important Email, a Sarah's Scribbles comic by Sarah Andersen" LAION-5B url: https://i.pinimg.com/736x/a6/70/cd/a670cdf88457fb247f921905385e8b8e--sarah-andersen-comics-sarah-seeandersen.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 104
Sarah Andersen: training image 12

copyright registration: Big Mushy Happy Lump: A Sarah's Scribbles Collection (TX0008493928) LAION-5B caption: "Big Mushy Happy Lump: A Sarah's Scribbles Collection: 2"

LAION-5B url: https://m.media-amazon.com/images///51nvsYl-oLL._SL160_.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 105

## Sarah Andersen: training image 13


copyright registration: Big Mushy Happy Lump: A Sarah's Scribbles Collection (TX0008493928) LAION-5B caption: "Sarah's Scribbles :: How I Spend Money | Tapastic Comics - image 1"

LAION-5B url: https://i.pinimg.com/236x/92/15/be/9215be17de95bb9ff6566c2785a85823--true-stories-rain.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 106

## Sarah Andersen: training image 14


copyright registration: Big Mushy Happy Lump: A Sarah's Scribbles Collection (TX0008493928) LAION-5B caption: "Sarah's Scribbles by Sarah Andersen/ Listening to lyrics VS reading lyrics" LAION-5B url: https://i.pinimg.com/236x/4e/4c/65/4e4c65b625a445db202bc39e1c5de5be--super-funny-funny-cute.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 107

## Sarah Andersen: training image 15


copyright registration: Fangs (TX0009043380)
LAION-5B caption: "Fangs By Sarah Andersen"
LAION-5B url: https://productimages.worldofbooks.com/1524860670.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 108

## Sarah Andersen: training image 16


copyright registration: Fangs (TX0009043380)
LAION-5B caption: "Fangs von Sarah Andersen. Comic. Abbildung einer Doppelseite des Comics, Seiten 6 und 7. Kurzrezension Fantasy 2"

LAION-5B url: https://d28hgpri8am2if.cloudfront.net/book_images/onix/interior_spreads/9781524860677/fangs-

Exhibit A: Plaintiff images in LAION-5B - p. 109

## Sarah Andersen: training image 17



# GET IT TOGETHER! WITH SARAH'S SCRIBBLES <br> 16. MONTH WEEXLY/FONTHLY PLANEER  



## SARAHANDERSEN

copyright registration: Get It Together! with Sarah Scribbles 2017-2018 16-Month Weekly/Monthly Planner (TX0008615735)

LAION-5B caption: "Sarah's Scribbles 2017-2018 16-Month Weekly/Monthly Planner: Get It Together! with Sarah's Scribbles"

LAION-5B url: https://m.media-amazon.com/images/I/71KQhz-HVEL._AC_UY218_ML3_.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 110

## Sarah Andersen: training image 18


copyright registration: Get It Together! with Sarah Scribbles 2018-2019 16-Month Weekly/ Monthly Planner (TX0008681086)

LAION-5B caption: "Sarah's Scribbles 2018-2019 16-Month Monthly/Weekly Planner Calendar: Get It Together!"

LAION-5B url: https://images-na.ssl-images-amazon.com/images/I/61jGBjk8CoL.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 111

## Sarah Andersen: training image 19


copyright registration: Get It Together! with Sarah's Scribbles 16-Month 2019-2020 Weekly Monthly Planner (TX0008826626)

LAION-5B caption: "Sarah's Scribbles 2019-2020 16-Month Monthly/Weekly Planner Calendar" LAION-5B url: https://images-na.ssl-images-amazon.com/images/I/71MofguowHL._AC_UL200_SR200,200_.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 112
Sarah Andersen: training image 20

copyright registration: Get It Together with Sarah's Scribbles 16-Month 2020-2021 Weekly Monthly Planner (TX0009082448)

LAION-5B caption: "Get it Together! Sarah's Scribbles Weekly/Monthly Planner 2021"
LAION-5B url: https://www.sfbok.se/sites/default/files/styles/teaser/sfbok/sfbokbilder/207/207607.jpg?bust=1582127895q itok=nfnVAG7f

Exhibit A: Plaintiff images in LAION-5B - p. 113

## Sarah Andersen: training image 21



## HERDING CATS



## SARAH ANDERSEN

copyright registration: Herding Cats: A Sarah's Scribbles Collection (TX0008564573)
LAION-5B caption: "Herding Cats / Sarah Andersen"
LAION-5B url: http://www.naufragio.it/tdl/fumetti/HerdingCatss.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 114

## Sarah Andersen: training image 22


copyright registration: Herding Cats: A Sarah's Scribbles Collection (TX0008564573)
LAION-5B caption: "silly picture of sarah andersen comic about being a cat or dog person"
LAION-5B url: https://ruinmyweek.com/wp-content/uploads/2017/07/the-best-funny-pictures-of-sarah-andersen-comics-cat-or-

Exhibit A: Plaintiff images in LAION-5B - p. 115

## Sarah Andersen: training image 23


copyright registration: Herding Cats: A Sarah's Scribbles Collection (TX0008564573)
LAION-5B caption: "Herding Cats A Sarah s Scribbles Collection Amazon.co.uk Sarah Andersen Books 14296914c"

LAION-5B url: https://images-na.ssl-images-amazon.com/images///818Jj8pCspL.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 116

## Sarah Andersen: training image 24


copyright registration: Herding Cats: A Sarah's Scribbles Collection (TX0008564573)
LAION-5B caption: "Anybody who's familiar with the comics of Sarah Andersen will know how perfectly they summarize the daily struggles of modern life, especially when it comes to Sarah Anderson Comics, Sara Anderson, Cute Comics, Funny Comics, Saras Scribbles, Sarah See Andersen, Funny Cute, Hilarious, 4 Panel Life"

Exhibit A: Plaintiff images in LAION-5B - p. 117

## Sarah Andersen: training image 25


copyright registration: Herding Cats: A Sarah's Scribbles Collection (TX0008564573)
LAION-5B caption: "Sarah's Scribbles Sarah Andersen comics about anxiety and depression humor funny honest Sarah Anderson Comics, Sara Anderson, Cute Comics, Funny Comics, Sarah's Scribbles, 4 Panel Life, Funny Jokes, Hilarious, Funny Gifs"

LAION-5B url: https://i.pinimg.com/236x/b8/0a/1a/b80a1a512f350d9e1c373683ba75f904--sarah-anderson-coffee-humor.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 118

## Sarah Andersen: training image 26

## HERDING CATS:

## "A futile attempt to control that

 which is inherently uncontrollable."
copyright registration: Herding Cats: A Sarah's Scribbles Collection (TX0008564573)
LAION-5B caption: "Herding Cats Sarah S Scribbles Know Your Meme"
LAION-5B url: https://i.kym-cdn.com/photos/images/original/001/346/869/db7.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 119

## Sarah Andersen: training image 27


copyright registration: Oddball: A Sarah's Scribbles Collection (TX0009153980)
LAION-5B caption: "Oddball: A Sarah's Scribbles Collection"
LAION-5B url: https://www.sfbok.se/sites/default/files/styles/teaser/sfbok/sfbokbilder/211/211135.jpg?bust=1627897432q

Exhibit A: Plaintiff images in LAION-5B - p. 120

## Sarah Andersen: training image 28


copyright registration: Oddball: A Sarah's Scribbles Collection (TX0009153980)
LAION-5B caption: "Sarah Andersen comic"
LAION-5B url: https://kateristau.com/wp-content/uploads/2018/01/sarah-andersen.jpg

Exhibit A: Plaintiff images in LAION-5B - p. 121

## Sarah Andersen: training image 29



FTMIIVK*)
copyright registration: Oddball: A Sarah's Scribbles Collection (TX0009153980)
LAION-5B caption: "White - I made a pure light being for the humans. They will bring unconditional love and joy! ©Sarah Andersen ifunny.co"

LAION-5B url: https://i.chzbgr.com/full/9504463872/hDA86B70C/made-pure-light-being-humans-they-will-bring-unconditional-

## EXHIBIT B

## (Plaintiff Images in LAION-400M)

Exhibit B: Plaintiff images in LAION-400M - p. 1

## Jingna Zhang: training image 1


copyright registration: Motherland Chronicles (VA0001917341)
LAION-400M caption: "aurorae: Motherland Chronicles \#18 - Julia by `zemotion on deviantART"
LAION-400M url: https://i.pinimg.com/736x/8b/6c/23/8b6c239d46e3a49d2ead483b9949b8co--character-ideas-characterdesign.jpg

Exhibit B: Plaintiff images in LAION-400M - p. 2

## Jingna Zhang: training image 2


copyright registration: Motherland Chronicles (VA0001917341)
LAION-400M caption: "Motherland Chronicles - Self Portrait in Water, 2013"
LAION-400M url: https://images.squarespace-cdn.com/content/53adb9cbe4b05e0d792c6c88/1405552099182-
GVWPC3BG8KXVER3AUGVV/Motherland-Chronicles-7---Self-Portrait-in-Water-Zhang-Jingna-zemotion.jpg?content-type=image\%2Fjpeg

Exhibit B: Plaintiff images in LAION-400M - p. 3

## Jingna Zhang: training image 3


copyright registration: Motherland Chronicles (VA0001917341)
LAION-400M caption: "Motherland Chronicles 2 - Winterland Fairytales (by zemotion) "
LAION-400M url: https://64.media.tumblr.com/756ad0716e5385edcd9a7e88329df781/tumblr_miauw7P6Yt1qafz6uo1_500.jpg

Exhibit B: Plaintiff images in LAION-400M - p. 4

## Jingna Zhang: training image 4


copyright registration: Motherland Chronicles (VA0001917341)
LAION-400M caption: "Motherland Chronicles - Book of Roses, 2013 "
LAION-400M url: https://images.squarespace-cdn.com/content/53adb9cbe4b05e0d792c6c88
/1405551976391-OQPVOVJGZNORCB97DEUE/Motherland-Chronicles-31---Book-of-Roses-Zhang-Jingna-zemotion.jpg?content-
type=image\%2Fjpeg

Exhibit B: Plaintiff images in LAION-400M - p. 5

## Jingna Zhang: training image 5


copyright registration: Motherland Chronicles (VA0001917341)

## LAION-400M caption: "Motherland-Chronicles \#24 - Dark Alodia "

LAION-400M url: https://images-wixmp-ed30a86b8c4ca887773594c2.wixmp.com/f/bbf9e125-bd9e-4a70-badc-1bd5affeb49f /d6dpzv3-65e2c333-9b9c-43da-b6d0-3bbe25fdd858.jpg/v1/fill/w_221,h_350,q_70,strp
/motherland_chronicles $\qquad$
$\qquad$ dark_alodia_by_zemotion_d6dpzv3-350t.jpg?token=eyJOeXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJzdWIiOi J1cm46YXBwOjdIMGQxODg5ODlyNjQzNzNhNWYwZDQxNWVhMGQyNmUwliwiaXNzljoidXJuOmFwcDo3ZTBkMTg4OTgyMjYOMzczYTVm MGQOMTVIYTBkMjZIMCIsIm9iail6W1t7ImhlaWdodCI6Ijw9Nzk1liwicGFOaCI6IlwvZlwvYmJmOWUxMjUtYmQ5ZSOOYTcwLWJhZGMtMWJk NWFmZmViNDImXC9kNmRwenYzLTY1ZTJjMzMzLTliOWMtNDNkYS1iNmQwLTNiYmUyNWZkZDg1OC5qcGciLCJ3aWROaCI6Ijw9NTAyIn1dX SwiYXVkljpbInVybjpzZXJ2aWNIOmltYWdILm9wZXJhdGlvbnMiXX0.B3RPZhY7HYihH0yxgTkcqmbouHq5QNIepHxW03bCy1s

Exhibit B: Plaintiff images in LAION-400M - p. 6

## Jingna Zhang: training image 6


copyright registration: Motherland Chronicles (VA0001917341)

## LAION-400M caption: "Motherland Chronicles \#23 - Dive by zemotion"

LAION-400M url: https://images-wixmp-ed30a86b8c4ca887773594c2.wixmp.com/f/bbf9e125-bd9e-4a70-badc-1bd5affeb49f /d6cowsb-1b31ef43-f0d4-4b2a-
bcf6-34be19b0a39e.jpg?token=eyJOeXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJ1cm46YXBwOjdIMGQxODg5ODIyNjQzNzNhNWYwZ DQxNWVhMGQyNmUwliwic3ViljoidXJuOmFwcDo3ZTBkMTg4OTgyMjYOMzczYTVmMGQ0MTVIYTBkMjZIMCIsImF1ZCI6WyJ1cm46c2Vyd mljZTpmaWxILmRvd25sb2FkIIOsIm9iail6W1t7InBhdGgiOilvZi9iYmY5ZTEyNS1iZDILLTRhNzAtYmFkYy0xYmQ1YWZmZWIOOWYvZDZjb3d zYiOxYjMxZWYOMy1mMGQOLTRiMmEtYmNmNiOzNGJIMTLiMGEzOWUuanBnIn1dXX0.5kPKgrrcV8_KFb1iK6wpRimWvGgPLLfxY2FJhWfqgR

Exhibit B: Plaintiff images in LAION-400M - p. 7

## Jingna Zhang: training image 7


copyright registration: Motherland Chronicles (VA0001917341)
LAION-400M caption: "Motherland-Chronicles-33---Underwater-Ascend-Zhang-Jingnazemotion.jpg"

LAION-400M url: https://images.squarespace-cdn.com/content/55db733fe4b0725b23e574a4
/1529261106379-79BSSEUNOWD8JD2W2EDF/Motherland-Chronicles-33---Underwater-Ascend-Zhang-Jingna-zemotion.jpg?content-
type=image\%2Fjpeg

Exhibit B: Plaintiff images in LAION-400M - p. 8 Jingna Zhang: training image 8

copyright registration: Anouk (VA0001911930)
LAION-400M caption: "Fashion Gone Rogue: Anouk"
LAION-400M url: https://mir-s3-cdn-cf.behance.net/projects/source/12146521.5482638fe6b81.jpg

Exhibit B: Plaintiff images in LAION-400M - p. 9
Jingna Zhang: training image 9

copyright registration: Anouk (VA0001911930)
LAION-400M caption: "anouk van kleef6 Anouk van Kleef by Zhang Jingna for Fashion Gone Rogue "
LAION-400M url: https://www.fashiongonerogue.com/wp-content/uploads/2013/11/anouk-van-kleef6.jpg

Exhibit B: Plaintiff images in LAION-400M - p. 10
Jingna Zhang: training image 10

copyright registration: Anouk (VA0001911930)
LAION-400M caption: "anouk van kleef4 Anouk van Kleef by Zhang Jingna for Fashion Gone Rogue"

LAION-400M url: https://www.fashiongonerogue.com/wp-content/uploads/2013/11/anouk-van-kleef4.jpg

Exhibit B: Plaintiff images in LAION-400M - p. 11

## Sarah Andersen: training image 1


copyright registration: Adulthood is a Myth: A "Sarah's Scribbles" 2021 Wall Calendar (TX0009082399)

LAION-400M caption: "Adulthood is a Myth: A Sarah's Scribbles 2021 Wall Calendar"
LAION-400M url: https://www.sfbok.se/sites/default/files/styles/teaser/sfbok/sfbokbilder/207/207606.jpg?bust=15821277884 itok=Ej3ZNa8z

Exhibit B: Plaintiff images in LAION-400M - p. 12

## Sarah Andersen: training image 2


copyright registration: Adulthood Is a Myth: A Sarah's Scribbles Collection (TX0008207926) LAION-400M caption: "adulthood is a myth sarah andersen 2016 andrews mcmeel publishing" LAION-400M url: https://omnirambles.files.wordpress.com/2017/09/adulthood-is-a-myth.jpg?w=244q

Exhibit B: Plaintiff images in LAION-400M - p. 13

## Sarah Andersen: training image 3


(a) Soral Anderen
copyright registration: Big Mushy Happy Lump: A Sarah's Scribbles Collection (TX0008493928) LAION-400M caption: "I have so much work to do. | Sarah's Scribbles By sarahseeandersen [Comic - Drawing - Illustration - Funny]"
LAION-400M url: https://i.pinimg.com/236x/65/fd/f4/65fdf4c41d21a5ca3d33379311455805--sarah-andersen-comics-sarah-see-

Exhibit B: Plaintiff images in LAION-400M - p. 14

## Sarah Andersen: training image 4


copyright registration: Big Mushy Happy Lump: A Sarah's Scribbles Collection (TX0008493928) LAION-400M caption: ""Sarah Andersen comic ""How I Spend Money""""

LAION-400M url: https://img.saplingcdn.com/375/ppds/5496bebe-8fd4-47d0-9538-6063abcbceaf.jpg

Exhibit B: Plaintiff images in LAION-400M - p. 15

## Sarah Andersen: training image 5


copyright registration: Herding Cats: A Sarah's Scribbles Collection (TX0008564573)
LAION-400M caption: "Title: Herding Cats: A Sarah's Scribbles Collection, Author: Sarah Andersen"

LAION-400M url: https://prodimage.images-bn.com/pimages/9781449489786_po_v2_s192x300.jpg

Exhibit B: Plaintiff images in LAION-400M - p. 16

## Sarah Andersen: training image 6


© Sarah Andersen
copyright registration: Oddball: A Sarah's Scribbles Collection (TX0009153980)
LAION-400M caption: "All credit goes to Sarah Andersen - meme"
LAION-400M url: https://images7.memedroid.com/images/UPLOADED671/5fd3dd71dc22b.jpeg

## EXHIBIT C

## (Plaintiff Copyright Registrations)

Exhibit C: Plaintiff copyright registrations - p. 1

Type of Work: Text
Registration Number / Date:
TX0007828053 / 2014-01-20
Application Title: Books of Adam: The Blunder Years.
Title: Books of Adam: The Blunder Years.
Description: Book, 209 p.
Copyright Claimant:
Adam Ellis.
Date of Creation: 2013
Date of Publication:
2013-07-09
Nation of First Publication:
United States
Authorship on Application:
Adam Ellis; Domicile: not known; Citizenship: not known. Authorship: text, artwork.

ISBN:
9781455516988
Names: Ellis, Adam

Exhibit C: Plaintiff copyright registrations - p. 2

Type of Work: Text
Registration Number / Date:
TX0008744896 / 2019-04-09
Application Title: Super Chill: A Year of Living Anxiously.
Title: Super Chill: A Year of Living Anxiously.
Description: Book, 112 p.
Copyright Claimant:
Adam Ellis.
Date of Creation: 2018
Date of Publication:
2018-10-23
Nation of First Publication:
United States
Authorship on Application:
Adam Ellis; Citizenship: United States. Authorship: text, artwork.

Copyright Note: Basis for Registration: collective work.
ISBN: 9781449491550
Names: Ellis, Adam

Exhibit C: Plaintiff copyright registrations - p. 3

Type of Work: Text
Registration Number / Date:
TX0007054207 / 2009-10-07
Application Title: THE CHILD THIEF.
Title: THE CHILD THIEF.
Description: Book, 481 p.
Copyright Claimant:
Gerald Brom.
Date of Creation: 2009
Date of Publication:
2009-09-01
Nation of First Publication:
United States
Authorship on Application:
Brom; Domicile: United States; Citizenship: United States. Authorship: text.

Names:
Brom
Brom, Gerald

Exhibit C: Plaintiff copyright registrations - p. 4

Type of Work: Text
Registration Number / Date:
TX0007639837 / 2012-12-18
Application Title: KRAMPUS.
Title: KRAMPUS.
Description: Book, 357 p.
Copyright Claimant:
Gerald Brom.
Date of Creation: 2012
Date of Publication:
2012-11-01
Nation of First Publication:
United States
Authorship on Application:
Brom, pseud. of Gerald Brom (author of pseudonymous work); Domicile: United States; Citizenship: United States. Authorship: text.

Names: Brom, Gerald Brom, pseud.

Exhibit C: Plaintiff copyright registrations - p. 5

Type of Work: Text
Registration Number / Date:
TX0008339972 / 2016-12-01
Application Title: LOST GODS.
Title: LOST GODS.
Description: Book, 489 p.
Copyright Claimant:
Gerald Brom.
Date of Creation: 2016
Date of Publication:
2016-10-01
Nation of First Publication:
United States
Authorship on Application:
Brom, pseud. of Gerald Brom (author of pseudonymous work); Domicile: United States; Citizenship: United States. Authorship: text, artwork.

Names: Brom, Gerald Brom, pseud.

Exhibit C: Plaintiff copyright registrations - p. 6

Type of Work: Text
Registration Number / Date:
TX0008571339 / 2018-03-01
Application Title: Above the Timberline .
Title: Above the Timberline .
Description: Book.
Copyright Claimant:
Gregory Manchess.
Date of Creation: 2017
Date of Publication:
2017-10-24
Nation of First Publication:
United States
Authorship on Application:
Gregory Manchess; Citizenship: United States. Authorship: text, artwork.

Rights and Permissions:
Simon \& Schuster Permissions Dept., c/o Simon \& Schuster, Inc., 1230 Avenue of the Americas, New York, NY, 10020, United States

ISBN:
9781481459235
Names: Manchess, Gregory

Exhibit C: Plaintiff copyright registrations - p. 7

Type of Work: Visual Material
Registration Number / Date:
VA0001911930 / 2014-04-08
Application Title: Anouk, et al.
Title: Anouk.
Appears in: Fashion Gone Rogue, Nov 12, 2013
Description: Electronic file (eService)
Copyright Claimant:
Jingna Zhang, 1988- .
Date of Creation: 2013
Date of Publication:
2013-02-17
Nation of First Publication:
United States
Authorship on Application:
Jingna Zhang, 1988- ; Citizenship: Singapore. Authorship: photograph(s)

Rights and Permissions:
Jingna Zhang, info@zhangjingna.com
Names: Zhang, Jingna, 1988-

Exhibit C: Plaintiff copyright registrations - p. 8

Type of Work: Visual Material
Registration Number / Date:
VA0001917341 / 2014-06-09
Application Title: Motherland Chronicles.
Title: Motherland Chronicles.
Description: Electronic file (eService)
Copyright Claimant:
Jingna Zhang, 1988- .
Date of Creation: 2013
Date of Publication:
2013-02-04
Nation of First Publication:
United States
Authorship on Application:
Jingna Zhang, 1988- ; Citizenship: Singapore. Authorship: photograph(s), 2-D artwork.

Rights and Permissions:
Jingna Zhang, info@zhangjingna.com
Names: Zhang, Jingna, 1988-

Exhibit C: Plaintiff copyright registrations - p. 9

| Type of Work: | Visual Material |
| :---: | :---: |
| Registration Number / Date: <br> VA0001917201 / 2014-06-09 |  |
|  |  |
| Application Title: Portrait of Solitude. |  |
| Title: | Portrait of Solitude. |
| Description: | Electronic file (eService) |
| Copyright Claimant: |  |
|  | Jingna Zhang, 1988- |
| Date of Creation: | 2011 |
| Date of Publication: |  |
|  | 2011-08-10 |
| Nation of First Publication: |  |
| Authorship on Application: |  |
|  | Jingna Zhang, 1988- ; Citizenship: Singapore. Authorship: photograph(s) |
| Rights and Permissions: |  |
|  | Jingna Zhang, info@zhangjingna.com |
| Names: | Zhang, Jingna, 1988- |

Exhibit C: Plaintiff copyright registrations - p. 10

Type of Work: Text
Registration Number / Date:
TX0009086758 / 2021-04-05
Application Title: My Life in Transition.
Title: My Life in Transition: A Super Late Bloomer Collection.
Description: Book, 167 p.
Copyright Claimant:
Julia Kaye.
Date of Creation: 2021
Date of Publication:
2021-02-23
Nation of First Publication:
United States
Authorship on Application:
Julia Kaye; Citizenship: United States. Authorship: text, artwork.

Copyright Note: Basis for Registration: Collective work
ISBN: 9781524860462
Names: Kaye, Julia

Exhibit C: Plaintiff copyright registrations - p. 11

Type of Work: Text
Registration Number / Date:
TX0008576918 / 2018-03-22
Application Title: Super Late Bloomer: My Early Days in Transition.
Title: Super Late Bloomer: My Early Days in Transition.
Description: Book.
Copyright Claimant:
Julia Kaye.
Date of Creation: 2018
Date of Publication:
2018-03-06
Nation of First Publication:
United States
Authorship on Application:
Julia Kaye; Citizenship: United States. Authorship: text, artwork, Themed compilation of comics.

Pre-existing Material:
Some comics previously published online.
Basis of Claim: text, artwork, Themed compilation of comics.
ISBN: 9781449489625
Names: Kaye, Julia

Exhibit C: Plaintiff copyright registrations - p. 12

Type of Work: Visual Material
Registration Number / Date:
VA0002345330 / 2023-04-27
Application Title: I. Nature.
Title: I. Nature.
Description: Electronic file (eService)
Copyright Claimant:
Karla P Ortiz, 1985- .
Date of Creation: 2015
Date of Publication:
2015-09-10
Nation of First Publication:
United States
Authorship on Application:
Karla P Ortiz, 1985- ; Domicile: United States; Citizenship: United States. Authorship: 2-D artwork.

Pre-existing Material:
photograph.
Basis of Claim: Pencil/Graphite Artwork.
Rights and Permissions:
Karla P Ortiz, Joseph Saveri Law Firm, LLP., 601 California Street, Suite 100, San Francisco, CA, 94108, United States, kortizart@gmail.com

Copyright Note: C.O. correspondence.
Names: Ortiz, Karla P, 1985-

Exhibit C: Plaintiff copyright registrations - p. 13

Type of Work: Visual Material
Registration Number / Date:
VA0002344253 / 2023-04-27
Application Title: Rigidum.
Title: Rigidum.
Description: Electronic file (eService)
Copyright Claimant:
Karla P Ortiz, 1985- .
Date of Creation: 2016
Date of Publication:
2016-07-11
Nation of First Publication:
United States
Authorship on Application:
Karla P Ortiz, 1985- ; Citizenship: United States. Authorship: 2-D artwork.

Rights and Permissions:
Karla P Ortiz, Joseph Saveri Law Firm, LLP., 601 California Street, Suite 1000, San Francisco, CA, 94108, kortizart@gmail.com

Names: Ortiz, Karla P, 1985-

Exhibit C: Plaintiff copyright registrations - p. 14

Type of Work: Text
Registration Number / Date:
TX0008825086 / 2019-11-06
Application Title: Adulthood is a Myth 2020 Deluxe Day-to-Day Calendar.
Title: Adulthood is a Myth 2020 Deluxe Day-to-Day Calendar.
Description: Calendar.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2019
Date of Publication:
2019-08-13
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen; Citizenship: United States. Authorship: compilation of previously published art with accompanying text.

Pre-existing Material:
previously published art with accompanying text.
Basis of Claim: compilation of previously published art with accompanying text.

ISBN:
9781449498467
Names: Andersen, Sarah

Exhibit C: Plaintiff copyright registrations - p. 15

Type of Work: Text
Registration Number / Date:
TX0008826881 / 2019-11-06
Application Title: Adulthood is a Myth 2020 Wall Calendar.
Title: Adulthood is a Myth 2020 Wall Calendar.
Description: Calendar.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2019
Date of Publication:
2019-06-04
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen; Citizenship: United States. Authorship: compilation of previously published art with accompanying text.

Pre-existing Material:
previously published art with accompanying text.
Basis of Claim: compilation of previously published art with accompanying text.

ISBN:
9781449498474
Names: Andersen, Sarah

Exhibit C: Plaintiff copyright registrations - p. 16

Type of Work: Text
Registration Number / Date:
TX0008614103 / 2018-02-06
Application Title: Adulthood Is A Myth: A "Sarah's Scribbles" 2018 Wall Calendar.

Title: Adulthood Is A Myth: A "Sarah's Scribbles" 2018 Wall Calendar.

Description: Print Material.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2017
Date of Publication:
2017-06-27
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen, employer for hire; Citizenship: United States. Authorship: artwork, compilation of previously published art with corresponding text; some new artwork.

Pre-existing Material:
text, artwork.
Basis of Claim: artwork, compilation of previously published art with corresponding text; some new artwork.

ISBN:
9781449483449
Names: Andersen, Sarah

Exhibit C: Plaintiff copyright registrations - p. 17

Type of Work: Text
Registration Number / Date:
TX0008660257 / 2018-10-22
Application Title: Adulthood is a Myth: A "Sarah's Scribbles" 2019 Daily Calendar.

Title: Adulthood is a Myth: A "Sarah's Scribbles" 2019 Daily Calendar.

Description: Calendar.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2018
Date of Publication:
2018-07-31
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen, employer for hire; Citizenship: United States. Authorship: compilation of previously published art with corresponding text.

Pre-existing Material:
previously published art with corresponding text.
Basis of Claim: compilation of previously published art with corresponding text.

ISBN: 9781449494490
Names: Andersen, Sarah

Exhibit C: Plaintiff copyright registrations - p. 18

Type of Work: Text
Registration Number / Date:
TX0008706556 / 2018-10-22
Application Title: Adulthood is a Myth: A "Sarah's Scribbles" 2019 Wall Calendar.

Title: Adulthood is a Myth: A "Sarah's Scribbles" 2019 Wall Calendar.

Description: Print material.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2018
Date of Publication:
2018-06-05
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen; Citizenship: United States. Authorship: text, artwork, compilation of previously published art with corresponding text; some new art.

Pre-existing Material:
previously published art with corresponding text.
Basis of Claim: artwork, compilation of previously published art with corresponding text; some new art.

Copyright Note: Basis for Registration: Unit of publication
ISBN: 9781449494070
Names: Andersen, Sarah

Exhibit C: Plaintiff copyright registrations - p. 19

Type of Work: Text
Registration Number / Date:
TX0009117084 / 2021-01-22
Application Title: Adulthood is a Myth: A "Sarah's Scribbles" 2021 Daily Calendar.

Title: Adulthood is a Myth: A "Sarah's Scribbles" 2021 Daily Calendar.

Description: Book.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2020
Date of Publication:
2020-09-01
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen; Citizenship: United States. Authorship: compilation of previously published art with accompanying text.

Pre-existing Material:
previously published art with accompanying text.
Basis of Claim: compilation of previously published art with accompanying text.

ISBN:
9781524857684
Names: Andersen, Sarah

Exhibit C: Plaintiff copyright registrations - p. 20

Type of Work: Text
Registration Number / Date:
TX0009082399 / 2021-01-22
Application Title: Adulthood is a Myth: A "Sarah's Scribbles" 2021 Wall Calendar.

Title: Adulthood is a Myth: A "Sarah's Scribbles" 2021 Wall Calendar.

Description: Book.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2020
Date of Publication:
2020-06-30
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen; Citizenship: United States. Authorship: artwork, compilation of previously published art with accompanying text; some new art.

Pre-existing Material:
previously published art with accompanying text.
Basis of Claim: artwork, compilation of previously published art with accompanying text; some new art.

ISBN:
9781524857677
Names: Andersen, Sarah

Exhibit C: Plaintiff copyright registrations - p. 21

Type of Work: Text
Registration Number / Date:
TX0008207926 / 2015-12-10
Application Title: Adulthood Is a Myth: A Sarah's Scribbles Collection.
Title: Adulthood Is a Myth: A Sarah's Scribbles Collection.
Description: Book.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2015
Date of Publication:
2015-12-08
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen; Citizenship: United States. Authorship: text, artwork.

Pre-existing Material:
Some cartoons previously appeared on author's website.
Basis of Claim: text, artwork.
ISBN: 9781449474195
Names: Andersen, Sarah

Exhibit C: Plaintiff copyright registrations - p. 22

Type of Work: Text
Registration Number / Date:
TX0008493928 / 2017-01-09
Application Title: Big Mushy Happy Lump: A Sarah's Scribbles Collection .
Title: Big Mushy Happy Lump: A Sarah's Scribbles Collection .
Description: Book, 125 p.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2016
Date of Publication:
2016-12-12
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen; Citizenship: United States. Authorship: text, artwork.

Copyright Note: Basis for Registration: Collective work
ISBN: 9781449479619
Names: Andersen, Sarah

Exhibit C: Plaintiff copyright registrations - p. 23

Type of Work: Text
Registration Number / Date:
TX0009043380 / 2020-12-16
Application Title: Fangs.
Title: Fangs.
Description: Book, 100 p.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2020
Date of Publication:
2020-10-06
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen; Citizenship: United States. Authorship: text, artwork.

ISBN:
9781524860677
Names: Andersen, Sarah

Exhibit C: Plaintiff copyright registrations - p. 24

Type of Work: Text
Registration Number / Date:
TX0008615735 / 2018-02-06
Application Title: Get It Together! with Sarah Scribbles 2017-2018 16-Month Weekly/Monthly Planner.

Title: Get It Together! with Sarah Scribbles 2017-2018 16-Month Weekly/Monthly Planner.

Description: Book.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2017
Date of Publication:
2017-05-30
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen, employer for hire; Citizenship: United States. Authorship: artwork, compilation of previously published art with corresponding text; some new artwork.

Pre-existing Material:
text, artwork.
Basis of Claim: artwork, compilation of previously published art with corresponding text; some new artwork.

ISBN: 9781449482046
Names: Andersen, Sarah

Exhibit C: Plaintiff copyright registrations - p. 25

Type of Work: Text
Registration Number / Date:
TX0008681086 / 2018-10-22
Application Title: Get It Together! with Sarah Scribbles 2018-2019 16-Month Monthly/Weekly Planner.

Title: Get It Together! with Sarah Scribbles 2018-2019 16-Month Monthly/Weekly Planner.

Description: Book.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2018
Date of Publication:
2018-06-05
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen, employer for hire; Citizenship: United States. Authorship: artwork, compilation of previously published art with corresponding text; some new artwork.

Pre-existing Material:
text, artwork.
Basis of Claim: artwork, compilation of previously published art with corresponding text; some new artwork.

ISBN: 9781449494063
Names: Andersen, Sarah

Exhibit C: Plaintiff copyright registrations - p. 26

Type of Work: Text
Registration Number / Date:
TX0008826626 / 2019-11-06
Application Title: Get It Together! with Sarah's Scribbles 16-Month 2019-2020 Weekly Monthly Planner.

Title: Get It Together! with Sarah's Scribbles 16-Month 2019-2020 Weekly Monthly Planner.

Description: Calendar.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2019
Date of Publication:
2019-06-04
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen; Citizenship: United States. Authorship: compilation of previously published art with accompanying text.

Pre-existing Material:
previously published art with accompanying text.
Basis of Claim: compilation of previously published art with accompanying text.

ISBN:
9781449498481
Names: Andersen, Sarah

Exhibit C: Plaintiff copyright registrations - p. 27

Type of Work: Text
Registration Number / Date:
TX0009082448 / 2021-01-22
Application Title: Get It Together with Sarah's Scribbles16-Month 2020-2021 Weekly/Monthly Planner Calendar.

Title: Get It Together with Sarah's Scribbles16-Month 2020-2021 Weekly/Monthly Planner Calendar.

Description: Book.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2020
Date of Publication:
2020-06-30
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen; Citizenship: United States. Authorship: artwork, compilation of previously published art with accompanying text; some new artwork.

Pre-existing Material:
text, artwork, previously published art with accompanying text.

Basis of Claim: artwork, compilation of previously published art with accompanying text; some new artwork.

ISBN:
9781524857660
Names: Andersen, Sarah

Exhibit C: Plaintiff copyright registrations - p. 28

Type of Work: Text
Registration Number / Date:
TX0008564573 / 2018-02-12
Application Title: Herding Cats: A Sarah's Scribbles Collection.
Title: Herding Cats: A Sarah's Scribbles Collection.
Description: Book, 108 p.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2018
Date of Publication:
2018-01-16
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen; Citizenship: United States. Authorship: text, artwork, Curated and themed collection of cartoons previously published online.

Pre-existing Material:
Some cartoons previously published online.
Basis of Claim: text, artwork, Curated and themed collection of cartoons previously published online.

ISBN:
9781449489786
Names: Andersen, Sarah

Exhibit C: Plaintiff copyright registrations - p. 29

Type of Work: Text
Registration Number / Date:
TX0009153980 / 2022-02-16
Application Title: Oddball: A Sarah?s Scribbles Collection.
Title: Oddball: A Sarah?s Scribbles Collection.
Description: Book, 105 p.
Copyright Claimant:
Sarah Andersen.
Date of Creation: 2021
Date of Publication:
2021-12-07
Nation of First Publication:
United States
Authorship on Application:
Sarah Andersen; Citizenship: United States. Authorship: text, artwork.

Copyright Note: Basis for Registration: Collective work
ISBN: 9781449489793
Names: Andersen, Sarah

## EXHIBIT D

## (Stability Text Prompts)

Exhibit D: Stability text prompts - p. 1 prompt: "chef"


Exhibit D: Stability text prompts - p. 2 prompt: "gregory manchess chef"


Exhibit D: Stability text prompts - p. 3 prompt: "gerald brom chef"


Exhibit D: Stability text prompts - p. 4 prompt: "jingna zhang chef"


Exhibit D: Stability text prompts - p. 5 prompt: "teacher"


Exhibit D: Stability text prompts - p. 6 prompt: "gregory manchess teacher"


Exhibit D: Stability text prompts - p. 7 prompt: "gerald brom teacher"


Exhibit D: Stability text prompts - p. 8 prompt: "jingna zhang teacher"


## EXHIBIT E

## (Runway Text Prompts)

Exhibit E: Runway text prompts - p. 1 prompt: "chef"


Exhibit E: Runway text prompts - p. 2 prompt: "gregory manchess chef"


Exhibit E: Runway text prompts - p. 3 prompt: "gerald brom chef"


Exhibit E: Runway text prompts - p. 4 prompt: "jingna zhang chef"


Exhibit E: Runway text prompts - p. 5 prompt: "kelly mckernan chef"


Exhibit E: Runway text prompts - p. 6
prompt: "sarah andersen chef"


Exhibit E: Runway text prompts - p. 7 prompt: "teacher"


Exhibit E: Runway text prompts - p. 8 prompt: "gregory manchess teacher"


Exhibit E: Runway text prompts - p. 9 prompt: "gerald brom teacher"


Exhibit E: Runway text prompts - p. 10 prompt: "jingna zhang teacher"


Exhibit E: Runway text prompts - p. 11 prompt: "kelly mckernan teacher"


Exhibit E: Runway text prompts - p. 12
prompt: "sarah andersen teacher"


## EXHIBIT F

## (Midjourney Text Prompts)

Exhibit F: Midjourney text prompts - p. 1 prompt: "chef"


Exhibit F: Midjourney text prompts - p. 2 prompt: "gregory manchess chef"


Exhibit F: Midjourney text prompts - p. 3 prompt: "gerald brom chef"


Exhibit F: Midjourney text prompts - p. 4 prompt: "jingna zhang chef"


Exhibit F: Midjourney text prompts - p. 5 prompt: "kelly mckernan chef"


Exhibit F: Midjourney text prompts - p. 6 prompt: "sarah andersen chef"


Exhibit F: Midjourney text prompts - p. 7
prompt: "teacher"


Exhibit F: Midjourney text prompts - p. 8 prompt: "gregory manchess teacher"


Exhibit F: Midjourney text prompts - p. 9 prompt: "gerald brom teacher"


Exhibit F: Midjourney text prompts - p. 10 prompt: "jingna zhang teacher"


Exhibit F: Midjourney text prompts - p. 11

## prompt: "kelly mckernan teacher"



Exhibit F: Midjourney text prompts - p. 12
prompt: "sarah andersen teacher"


## EXHIBIT G

## (Stability Image Prompts)

Exhibit G: Stability image prompts - p. 1
Gerald Brom: Lady Of The Lake (original top left)


Exhibit G: Stability image prompts - p. 2
Gerald Brom: Perchta (original top left)


Exhibit G: Stability image prompts - p. 3
Gerald Brom: Santa (original top left)


Exhibit G: Stability image prompts - p. 4
Gregory Manchess: Bears (original top left)


Exhibit G: Stability image prompts - p. 5
Gregory Manchess: Snow Leopards (original top left)


Exhibit G: Stability image prompts — p. 6
Grzegorz Rutkowski: Dragon (original top left)


Exhibit G: Stability image prompts - p. 7
Grzegorz Rutkowski: Dwarf (original top left)


Exhibit G: Stability image prompts - p. 8
Hawke Southworth: Flowers (original top left)


Exhibit G: Stability image prompts - p. 9
Jingna Zhang: Alodia (original top left)


Exhibit G: Stability image prompts - p. 10
Jingna Zhang: From The Ashes (original top left)


Exhibit G: Stability image prompts - p. 11
Jingna Zhang: Her Resting Place (original top left)


Exhibit G: Stability image prompts - p. 12
Jingna Zhang: Motherland Chronicles (original top left)


Exhibit G: Stability image prompts - p. 13
Jingna Zhang: Underwater (original top left)



Exhibit G: Stability image prompts — p. 14 Julia Kaye: Comic (original top left)


Exhibit G: Stability image prompts - p. 15
Karla Ortiz: Illustration (original top left)


Exhibit G: Stability image prompts - p. 16
Karla Ortiz: Mensajeros (original top left)


Exhibit G: Stability image prompts - p. 17
Karla Ortiz: Rigidum (original top left)


Exhibit G: Stability image prompts - p. 18
Karla Ortiz: Ultimum (original top left)


Exhibit G: Stability image prompts - p. 19
Kelly McKernan: Fester (original top left)


Exhibit G: Stability image prompts - p. 20
Kelly McKernan: Reverie (original top left)


Exhibit G: Stability image prompts - p. 21

## Sarah Andersen: Fangs (original top left)



## EXHIBIT H

## (Runway Image Prompts)

Exhibit H: Runway image prompts - p. 1
Gerald Brom: Lady Of The Lake (original top left)


Exhibit H: Runway image prompts - p. 2
Gerald Brom: Perchta (original top left)


Exhibit H: Runway image prompts - p. 3
Gerald Brom: Santa (original top left)


Exhibit H: Runway image prompts - p. 4
Gregory Manchess: Bears (original top left)


Exhibit H: Runway image prompts - p. 5
Gregory Manchess: Snow Leopards (original top left)


Exhibit H: Runway image prompts - p. 6
Grzegorz Rutkowski: Dragon (original top left)


Exhibit H: Runway image prompts - p. 7
Grzegorz Rutkowski: Dwarf (original top left)


Exhibit H: Runway image prompts - p. 8
Hawke Southworth: Flowers (original top left)


Exhibit H: Runway image prompts - p. 9
Jingna Zhang: Alodia (original top left)


Exhibit H: Runway image prompts - p. 10
Jingna Zhang: From The Ashes (original top left)


Exhibit H: Runway image prompts - p. 11
Jingna Zhang: Her Resting Place (original top left)



Exhibit H: Runway image prompts - p. 12
Jingna Zhang: Motherland Chronicles (original top left)


Exhibit H: Runway image prompts - p. 13
Jingna Zhang: Underwater (original top left)


Exhibit H: Runway image prompts - p. 14
Karla Ortiz: Illustration (original top left)


Exhibit H: Runway image prompts - p. 15
Karla Ortiz: Rigidum (original top left)


Exhibit H: Runway image prompts - p. 16
Karla Ortiz: Ultimum (original top left)


Exhibit H: Runway image prompts - p. 17
Kelly McKernan: Reverie (original top left)


## EXHIBIT I

## (Midjourney Image Prompts)

Exhibit I: Midjourney image prompts - p. 1
Gerald Brom: Lady Of The Lake (original top left)


Exhibit I: Midjourney image prompts - p. 2
Gerald Brom: Perchta (original top left)


Exhibit I: Midjourney image prompts - p. 3
Gerald Brom: Santa (original top left)


Exhibit I: Midjourney image prompts - p. 4
Gregory Manchess: Bears (original top left)


Exhibit I: Midjourney image prompts - p. 5
Gregory Manchess: Snow Leopards (original top left)


Exhibit I: Midjourney image prompts - p. 6
Grzegorz Rutkowski: Dragon (original top left)


Exhibit I: Midjourney image prompts - p. 7
Grzegorz Rutkowski: Dwarf (original top left)


Exhibit I: Midjourney image prompts - p. 8
Hawke Southworth: Flowers (original top left)


Exhibit I: Midjourney image prompts - p. 9
Jingna Zhang: Alodia (original top left)


Exhibit I: Midjourney image prompts - p. 10
Jingna Zhang: From The Ashes (original top left)


Exhibit I: Midjourney image prompts - p. 11
Jingna Zhang: Her Resting Place (original top left)


Exhibit I: Midjourney image prompts - p. 12
Jingna Zhang: Motherland Chronicles (original top left)


Exhibit I: Midjourney image prompts - p. 13
Jingna Zhang: Underwater (original top left)


Exhibit I: Midjourney image prompts - p. 14
Karla Ortiz: Illustration (original top left)


Exhibit I: Midjourney image prompts - p. 15
Karla Ortiz: Mensajeros (original top left)


Exhibit I: Midjourney image prompts - p. 16
Karla Ortiz: Rigidum (original top left)


Exhibit I: Midjourney image prompts - p. 17
Karla Ortiz: Ultimum (original top left)


Exhibit I: Midjourney image prompts - p. 18
Kelly McKernan: Reverie (original top left)


## EXHIBIT J

## (Midjourney Name List)

| 108 - graffiti | Ai Desheng |
| :---: | :---: |
| 1292 Advanced | Ai Kijima |
| Programmable Video | Ai Morinaga |
| System | Ai Yazawa |
| 3DO Interactive | Ainslie Henderson |
| Multiplayer | Aisha Galimbaeva |
| 3Steps | Aizu Yaichi |
| 909 Art | Ajit Ninan |
| A10ne | Akane Ogura |
| Aaron Boyd | Akay - graffiti |
| Aaron Forsythe | Akemi Matsunae |
| Aaron J. Riley | Akemi Takada |
| Aaron McGruder | Akihiko Yamashita |
| Aaron Miller | Akihiro Ito |
| Aaron Reed | Akihiro Yamada |
| Aaron Springer | Akihisa Ikeda |
| Aarthi Parthasarathy | Akihito Yoshitomi |
| Abby Howard | Akiko Hatsu |
| Abdelrahim Ahmed | Akiko Higashimura |
| Abner Dean | Akimi Yoshida |
| ABOVE | Akimine Kamijyo |
| Action Max | Akinobu Uraka |
| Ad Carter | Akio Chiba |
| Ad Reinhardt | Akio Watanabe |
| Adachitoka | Akira Amano |
| Adal Hernandez | Akira Furuya |
| Adam Arnold | Akira Himekawa |
| Adam Neate | Akira Ito |
| Adam Paquette | Akira Kanbe |
| Adam Phillips | Akira Kojima |
| Adam Reed | Akira Narita |
| Adam Rex | Akira Oze |
| Adam Styka | Akira Suzuki |
| Add Fuel | Akira Toriyama |
| Addison Thomas Millar | Akira Yasuda |
| Adelphoi Zangaki | Al Capp |
| Adi Granov | Al Davidson |
| Adolf Karol Sandoz | Al Gordon |
| Adolf Kaufmann | Al Jaffee |
| Adolf Schreyer | Alaa Awad |
| Adolf Seel | Alain Resnais |
| Adolph Gottlieb | Alain Voss |
| Adolphe Aze | Alan Barillaro |
| Adrian Majkrzak | Alan Becker |
| Adrian Smith | Alan Davis |
| Adrien Dauzats | Alan Dean |
| Advanced Pico Beena | Alan Gutierrez |
| Aenami | Alan Lee |
| Agatha Bennett | Alan M. Clark |
| Agnes Martin | Alan Pollack |
| Aguri Igarashi | Alan Rabinowitz |

Ai Desheng
Ai Kijima
Ai Morinaga
Ai Yazawa
Ainslie Henderson
Aisha Galimbaeva
Aizu Yaichi
Ajit Ninan
Akane Ogura
Akay - graffiti
Akemi Matsunae
Akemi Takada
Akihiko Yamashita
Akihiro lto
Akihiro Yamada
Akihisa Ikeda
Akihito Yoshitomi
Akiko Hatsu
Akiko Higashimura
Akimi Yoshida
Akimine Kamijyo
Akinobu Uraka
Akio Chiba
Akio Watanabe
Akira Amano
Akira Furuya
Akira Himekawa
Akira Ito
Akira Kanbe
Akira Kojima
Akira Narita
Akira Oze
Akira Suzuki
Akira Toriyama
Akira Yasuda
Al Capp
Al Davidson
Al Gordon
Al Jaffee
Alaa Awad
Alain Resnais
Alain Voss
Alan Barillaro
Alan Becker
Alan Davis
Alan Dean
Alan Gutierrez
Alan Lee
Alan M. Clark

Alan Rabinowitz

Alan Stuart Paterson
Alayna Danner
AlbaBG
Albert Bierstadt
Albert Gleizes
Albert Goupil
Albert Kotin
Albert Louis Aublet
Albert Maignan
Albert Pinkham Ryder
Albert Uderzo
Alberto Giacometti
Alberto Pasini
Alberto Saichann
Aldo Capitanio
Alec Monopoly
Alejandro Jodorowsky
Alejandro Mirabal
Aleksandr Nikolayev
Aleksandr Petrov
Aleksandra Ekster
Aleksi Briclot
Alessandra Pisano
Alex Akerbladh
Alex Anderson
Alex Binnie
Alex Brock
Alex Hallatt
Alex Hirsch
Alex Horley-Orlandelli
Alex Konstad
Alex Martinez
Alex Negrea
Alex Norris
Alex Schomburg
Alex Stone
Alex Toth
Alex Vallauri
Alex Williams
Alex Woolfson
Alexander Archipenko
Alexander Bogomazov
Alexander Calder
Alexander Dudar
Alexander Forssberg
Alexander Leydenfrost
Alexander Mokhov
Alexander Ney
Alexander Rodchenko
Alexander Varnek
Alexander Yakovlev

Alexandre Alexeieff Alexandre Bida Alexandre Bloch Alexandre Cabanel Alexandre Chaudret Alexandre Jacovleff Alexandre René Veron Alexandre Roubtzoff

Alexei Issupov
Alexis A. Gilliland
Alexis Ziritt
Alfons Mucha
Alfred Chateau
Alfred de Dreux
Alfred Dehodencq
Alfred Leslie
Alfredo Luxoro
Alice Aycock
Alice Schille
Alicia Austin
Alicia Mickes
Alicja Uzarowska
Alisa Lee
Alison Luhrs
Alison Snowden
Alix Branwyn
Allan Kaprow
Allen Douglas
Allen Williams
Alli Steele
Allison Carl
Alois Hans Schram
Aloysius O'Kelly
Alton Lawson
Alton Tobey
Alvy Ray Smith
Amadee J. Van Beuren
Amano Akira
Amayagido
Amedeo Modigliani
Amedeo Preziosi
Amedeo Simonetti
Amelia Bennett
Ami James
Amiga CD32
Aminollah Rezaei
Amstrad GX4000
Amy Weber
Amy Winfrey
An Nakahara
Ana Mendieta

| Ananda Nahu - graffiti | Anna Pavleeva | Aristide Maillol | Atsuko Tanaka |
| :---: | :---: | :---: | :---: |
| Anastasia Ovchinnikova | Anna Podedworna | Arja Kajermo | Atsushi Kamijo |
| Anato Finnstark | Anna Steinbauer | Arlene Klasky | Atsushi Ogasawara |
| Anders Leonard Zorn | Anna Von Mertens | Arman | Atsushi Ōkubo |
| Andi Rusu | Anne Stokes | Armand Assus | Atsushi Suzumi |
| Andre | Anne Sudworth | Armand Baltazar | Attila Adorjany |
| Andre Brouillet | Anne Truitt | Armand Vergeaud | Attilio Simonetti |
| Andre Derain | Anne Wilson | Armando Salas | August Macke |
| Andre François | Annibale Scognamiglio | Arnal Ballester | Auguste Borget |
| Andre Franquin | Annie Bendolph | Arnie Swekel | Auguste Macke |
| Andre Masson | Annie Preece | Arnold Levin | Auguste Maure |
| Andre Pierre Charles | Annie Sardelis | Arnold Moller | Auguste Rodin |
| André Sureda | Anselm Feuerbach | Arotxa | Auguste Veillon |
| Andrea De Dominicis | Anson Maddocks | Arsenio da Silva | Augusto Valli |
| Andrea Kruis | Antal Ligeti | Arshile Gorky | Augustus Edwin John |
| Andrea Pazienza | Anthony Caro | Art \& Language | Augustus John |
| Andrea Radeck | Anthony Francisco | Art Nugent | Aurore Folny |
| Andreas Deja | Anthony Jones | Art Spiegelman | Austin Hsu |
| Andreas Hykade | Anthony Palumbo | Art Young | Austin Osman Spare |
| Andreas Rocha | Anthony S. Waters | Arthur Babbit | AVANT |
| Andreas Roller | Antoine de Favray | Arthur Baker | Avedis Mouradian |
| Andreas Zafiratos | Antoine Pevsner | Arthur Davis | Avi Katz |
| Andres Cuervo Herrero | Antoine-Jean Gros | Arthur Durston | Avoid pi |
| Andres Parlade | Anton Tony Binder | Arthur Melville | Aya Kanno |
| Andrew Adamson | Anton Pieck | Arthur Rackham | Aya Nakahara |
| Andrew Goldhawk | Antoni Tàpies | Arthur Rankin | Aya Tarek - graffiti |
| Andrew Huerta | Antonio Arraez | Arthur Streeton | Ayako Ishiguro |
| Andrew Hussie | Antonio Beato | Arthur Suydam | Ayami Kojima |
| Andrew Johanson | Antonio Berti | Arthur Thomson | Ayami Nakashima |
| Andrew MacCallum | Antonio Bravo | Arthur Trevor Haddon | Ayano Yamane |
| Andrew Mar | Antonio Fuentes | Arthur von Ferraris | Ayato Sasakura |
| Andrew Murray | Antonio Gargiullo | Arthur Watts | Ayumi Komura |
| Andrew Park | Antonio Muñoz Degrain | Artie Romero | Ayumi Kurashima |
| Andrew Robinson | Antonio Ortiz Echague | Artur Tarnowski | Ayumi Shiina |
| Andrew Stanton | Antonio Rivas | Artur Treffner | Azouaou Mammeri |
| Andrew Tsyaston | Aogachou | Asa Higuchi | B. Kliban |
| Andrew Wyeth | Aoi Hiiragi | Asger Jorn | B.N.E. |
| Andrey Kuzinskiy | Aoi Nanase | Ash - graffiti | Babyson Chen |
| Andy Brase | APF Imagination Machine | Ash Wood | Bad Flip Productions |
| Andy Council | APF-MP1000 | Ashika Sakura | Bal Thackeray |
| Andy Fish | Apple Bandai Pippin | Aslam Kiratpuri | Balcomb Greene |
| Andy Luckey | April Lee | Atari 2600 | Bally Astrocade |
| Andy Warhol | April Prime | Atari 5200 | Balthus |
| Angus McBride | Arcadia 2001 and its | Atari 7800 | Bandai Super Vision 8000 |
| Angus McKie | variants and clones | Atari Jaguar | Banksy |
| Anibal Villacís | Areku Nishiki | Atari Jaguar CD | Barasui |
| Anish Kapoor | Ari Nieh | Atari Panther | Barbara Bodichon |
| Anna Brandoli | Ariel Olivetti | Atari XEGS | Barbara Brackman |
| Anna Christenson | Arifur Rahman | Atlas | Barbara Brandon-Croft |
| Anna Fehr | Arin Hanson | Atsuko Ishizuka | Barbara Hepworth |
| Anna Maria Horner | Arina Tanemura | Atsuko Nakajima | Barbara Rosiak |


| Barbara Szota-Hartavi | Bill Kroyer | Brandi Reece | Bud Cook |
| :---: | :---: | :---: | :---: |
| Barclay Shaw | Bill Melendez | Brandon Dorman | Bud Fisher |
| Barnett Newman | Bill Murray | Brandon Kitkouski | Bud Grace |
| Baron Halpenny | Bill Plympton | Brandon Sheffield | Bud Luckey |
| Barry Appleby | Bill Sienkiewicz | Brant Parker | Buichi Terasawa |
| Barry Bradfield | Bill Tytla | Brendan Sell | Buronson |
| Barry McGee | Bill Watterson | Brennan Lee Mulligan | Burr Shafer |
| Barry Purves | Bill Willingham | Brent Hollowell | Butch Hartman |
| Bartlomiej Gawel | Bill Yates | Bretislav Pojar | C. H. Greenblatt |
| Bastien Grivet | Billy Christian | Brian Bolland | C215 |
| Bastien L. Deharme | Billy Ireland | Brian Clevinger | Cabrol |
| Bayard Wu | Bisa Butler | Brian Cosgrove | Caesar Meadows |
| Beautiful Angle | Bisco Hatori | Brian Despain | Cai Tingting |
| Bedros Sirabyan | Blackie del Rio | Brian Durfee | Cai Yong |
| Belsky | Blek le Rat | Brian Froud | Caio Monteiro |
| Ben Andrews | Blu - graffiti | Brian Gordon | Cal Sobrepeña |
| Ben Bocquelet | Bo Brown | Brian Hagan | Cally-Jo |
| Ben Caldwell | Bob Boyle | Brian Horton | Camillo Miola |
| Ben Eine - street art | Bob Camp | Brian Lee Durfee | Camillus Perera |
| Ben Maier | Bob Clampett | Brian McFadden | Campbell White |
| Ben Shahn | Bob Eggleton | Brian O'Doherty | Cara Mitten |
| Ben Sharpsteen | Bob Givens | Brian Snoddy | Caramelaw |
| Ben Templesmith | Bob Kane | Brian Valeza | Carl Andre |
| Ben Thompson | Bob Kuwahara | Brianne Drouhard | Carl Barks |
| Ben Washam | Bob Law | Brice Marden | Carl Critchlow |
| Ben Wicks | Bob Mankoff | Bridge Companion | Carl Frank |
| Ben Wootten | Bob Penuelas | Bridget Riley | Carl Giles |
| Benita Epstein | Bob Petillo | Brigitte Roka | Carl Haag |
| Benjamin Ee | Bob Ross | Brittany Austin | Carl Spitzweg |
| Berenice Abbott | Bob Tyrrell | Brody Neuenschwander | Carl Werner |
| Berkeley Breathed | Bob Weber | Brom | Carlo Ambrosini |
| Bernard Kowalczuk | Boey | Brooke McEldowney | Carlo Bocchio |
| Bernard Krigstein | Bohuslav Reynek | Brothers Hildebrandt | Carlo Bossoli |
| Berriblue | Boichi | Brothers Quay | Carlo Brancaccio |
| Berry | Bonnie Gabriel | Bruce Brenneise | Carlo Carrà |
| Berthold Bartosch | Borf | Bruce Connor | Carlo Cossio |
| Beth Gutcheon | Boris Artzybasheff | Bruce McLean | Carlos Catasse |
| Betty Jiang | Boris Hoppek | Bruce Nauman | Carlos Merida |
| Betty Swords | Boris Vallejo | Bruce Ozella | Carlos Saldanha |
| Bettye Kimbrell | Boulet | Bruce Pennington | Carlos Zefiro |
| Bianca Xunise | Brad Bird | Bruce Petty | Carly Mazur |
| Bil Keane | Brad Diller | Bruce Timm | Carmen Sinek |
| Bill Amend | Brad Downey | Bruce W. Smith | Carnelian |
| Bill Benulis | Brad Guigar | Brumsic Brandon Jr. | Carol Heyer |
| Bill Burnett | Brad Neely | Bruno Bozzetto | Caroline Gariba |
| Bill Griffith | Brad Rigney | Bryan Konietzko | Caroline Leaf |
| Bill Hinds | Brad W. Foster | Bryan Sola | Caroll Spinney |
| Bill Hoest | Bradley Walker Tomlin | Bryan Talbot | Carolyn L. Mazloomi |
| Bill Holbrook | Bradley Williams | Brynn Metheney | Cartrain |
| Bill Holman | Bram Sels | Bryon Wackwitz | Casey Gustafson |
| Bill Kopp | Brandi Milne | Bu Hua | Casio Loopy |


| Cathy Guisewite | Chesley Bonestell | Christine Roche | Conrad Marca-Relli |
| :---: | :---: | :---: | :---: |
| Cayetano Garza | Chester Commodore | Christophe Szpajdel | Conrad Vernon |
| CD-i | Chester Gould | Christopher B. Wright | Constantin Brâncuși |
| Cecelia Pedescleaux | Chica Umino | Christopher Baldwin | Constantine Andreou |
| Cecil Fernando | Chie Shinohara | Christopher Burdett | Control-Vision |
| Cecil Touchon | Chieko Hosokawa | Christopher Hastings | Cool Disco Dan |
| Ces53 | Chiho Saito | Christopher Lovell | Cope2 |
| Cesare Biseo | Chippy | Christopher Miller | Cordell Barker |
| Cesare Dell'Acqua | Chitose Yagami | Christopher Moeller | Corey Bowen |
| Cesare Maccari | Chon Day | Christopher Rush | Corey D. Macourek |
| Chad Kanotz | Chris Achilleos | Christopher Shy | Corey Miller |
| Chaim Soutine | Chris Appelhans | Christopher Wool | Cornbread |
| Chako Abeno | Chris Bellach | Chuck Jones | Cornelius Brudi |
| Champion 2711 | Chris Buck | Chuck Lukacs | Cos Koniotis |
| Chandra Free | Chris Clay | Chuck Whelon | Cosmin Podar |
| Chanoir | Chris Cold | Chumy Chúmez | CPS Changer |
| Chao Yat | Chris Crosby | Ciruelo | Craig Bartlett |
| Charles Addams | Chris Dien | Ciruelo Cabral | Craig Hooper |
| Charles Bargue | Chris Foss | Civilian | Craig J Spearing |
| Charles Binger | Chris Garver | Claes Oldenburg | Craig McCracken |
| Charles Boyce | Chris Hallbeck | Clamp | Craig McKay |
| Charles Conder | Chris Haukap | Clandestine Culture | Craig Mullins |
| Charles D'Oyly | Chris J. Anderson | Clara Barthold Mayer | Craig Phillips |
| Charles Demuth | Chris Johanson | Claude Monet | Cris Dornaus |
| Charles Dufresne | Chris Kiritz | Claude Serre | Cristi Balanescu |
| Charles Ellis Johnson | Chris Marker | Claw Money | Crocodile Jackson |
| Charles Evenden | Chris McKay | Claymore J. Flapdoodle | Cuesta Benberry |
| Charles Fincher | Chris Mooney | Cleve Gray | Cutup |
| Charles Gillespie | Chris Moore | Cliff Childs | Cy Twombly |
| Charles Hinman | Chris Niosi | Cliff Nielsen | Cynthia Sheppard |
| Charles James Theriat | Chris Núnez | Cliff Raven | Cyril Van Der Haegen |
| Charles Kuhn | Chris Onstad | Clifford McBride | Czon-sculptures |
| Charles Landelle | Chris Ostrowski | Clint Cearley | D-suzuki |
| Charles Logasa | Chris Rahn | Clint Langley | D. Alexander Gregory |
| Charles M. Schulz | Chris Rallis | Clover.K | D. J. Cleland-Hura |
| Charles Rauch | Chris Reccardi | Clyde Caldwell | D.S. Margoliouth |
| Charles Ray | Chris Sanders | Clyde Lamb | Daarken |
| Charles Robertson | Chris Seaman | Clyfford Still | Daichi Banjou |
| Charles Samuel Addams | Chris Shepherd | Cocoa Fujiwara | Daijiro Morohoshi |
| Charles Sheeler | Chris Slane | Cody Culp | DAIM |
| Charles Toche | Chris Tulach | Cole Eastburn | Daisuke Higuchi |
| Charles Urbach | Chris Van Allsburg | ColecoVision | Daisuke Igarashi |
| Charles Valfort | Chris Wedge | Colin Boyer | Daisuke Izuka |
| Charles Vess | Christiaan Nagel | Colin Campbell Cooper | Daisuke Moriyama |
| Charles Wilda | Christian Angel | Colin MacNeil | Daisuke Nishio |
| Charles-Amable Lenoir | Christian Krohg | Collin Estrada | Daisuke Sato |
| Charles-Andre van Loo | Christian Warlich | Colonel Moutarde | Daisuke Terasawa |
| Charlie Nozawa | Christina Davis | Commodore 64 Games | Daisuke Tsutsumi |
| Chase Stone | Christine Choi | System | Daken |
| Chen Weidong | Christine Corday | Commodore CDTV | Daku |
| Chengo McFlingers | Christine Lee Risinger | Compact Vision TV Boy | Dale Messick |


| Dallas Williams | Darco see: France | David Hudnut | Diane Arbus |
| :---: | :---: | :---: | :---: |
| Dame Darcy | Dare | David Liljemark | Dibujante Nocturno |
| Dameon Willich | Darek Zabrocki | David Low | Dick Francis |
| Damian Tedrow | Daren Bader | David Lynch | Dick Guindon |
| Damien Hirst | Daria Khlebnikova | David Martin | Dick Hafer |
| Dan Adkins | Dariush Ramezani | David Mattingly | Dick Hodgins |
| Dan Christensen | Darrell K. Sweet | David McDarby | Diebbie |
| Dan DeCarlo | Darrell Riche | David Messer | Diego Rivera |
| Dan Dos Santos | Darren Brass | David Monette | Diesel |
| Dan Flavin | Darren Cullen | David Morgan-Mar | Dik Browne |
| Dan Frazier | Darren Sanchez | David O'Connor | Dimitar Marinski |
| Dan Henk | Darren Tan | David Palumbo | Dindga McCannon |
| Dan Mumford | Darrin Bell | David Park | Ding Songjian |
| Dan Povenmire | Dave Allsop | David Rapoza | DiTerlizzi |
| Dan Reynolds | Dave Breger | David Rees | Dmitry Burmak |
| Dan Scott | Dave Coverly | David Roach | Dolk |
| Dan Seagrave | Dave DeVries | David Robert Hovey | Dolk - graffiti |
| Dan Smith | Dave Dorman | David Roberts | Dom! |
| Dan Spiegle | Dave Fleischer | David S. LaForce | DOME |
| Dan Steffan | Dave Geyer | David Seeley | Domee Shi |
| Dan Witz | Dave Gibbons | David Seguin | Domenico Morelli |
| Dana Knutson | Dave Halili | David Semple | Domenico Rosso |
| Dana Simpson | Dave Humpherys | David Silverman | Domingo Muroz |
| Danas sketchbook | Dave Kellett | David Simpson | Dominick Domingo |
| Dani Pendergast | Dave Kendall | David Sladek | Dominik Mayer |
| Daniel A. Baker | Dave McKean | David Smith | Domitille Collardey |
| Daniel Buren | Dave Mullins | David Sproxton | Don Bluth |
| Daniel Chong | Dave Pascal | David Thierree | Don Davis |
| Daniel Gelon | Dave Roman | David Wenzel | Don Dixon |
| Daniel Higgs | Dave Sim | David Willis | Don Ed Hardy |
| Daniel Holt | Dave Wasson | Dawn Best | Don Figlozzi |
| Daniel Horne | David A. Cherry | Dean Trippe | Don Hazeltine |
| Daniel Hulet | David A. Hardy | Debbie Hughes | Don Hertzfeldt |
| Daniel Israel | David A. Trampier | Delia Bennett | Don Hillsman II |
| Daniel Ketchum | David Ascalon | Demitrios Feredinos | Don Lusk |
| Daniel Lieske | David Auden Nash | Den Beauvais | Don Maitz |
| Daniel Ljunggren | David Bolinsky | Denis Beauvais | Don Orehek |
| Daniel Merlin Goodbrey | David Bowers | Denis Gifford | Don Patterson |
| Daniel R. Horne | David Burliuk | Denis Medri | Don Thompson |
| Daniel Romanovsky | David Choe | Denis Nigmatullin | Donald Jackson |
| Daniel Silva | David Day | Denise Dorrance | Donald Judd |
| Daniel Simon | David Feiss | Denman Rooke | Donato Giancola |
| Daniel Warren Johnson | David Fine | Dennis Cramer | Donelan |
| Daniel Zrom | David Firth | Dennis Detwiller | Dorothea Tanning |
| Danny Antonucci | David Fletcher | Derek Drymon | Dorothy Caldwell |
| Danny Flynn | David Füleki | Derek Riggs | Dorothy Gambrell |
| Danny Miller | David Gaillet | Derf Backderf | DOT DOT DOT |
| Dany Orizio | David Gatten | Dermot Power | Doug Chaffee |
| Darbury Stenderu | David Ho | Deruchenko Alexander | Doug Chiang |
| Darby Conley | David Hockney | Diana Magnuson | Doug Keith |
| Darco | David Horne | Diana Vick | Doug Kovacs |


| Doug Sweetland | Edward Angelo Goodall | Ema Toyama | Erica Sakurazawa |
| :---: | :---: | :---: | :---: |
| Doug TenNapel | Edward Avedisian | Emanuele Trionfi | Erica Williams |
| Douglas Arthur Teed | Edward Gorey | Emery Hawkins | Erica Yang |
| Douglas Chaffee | Edward Hopper | Emil Nolde | Erik Jon Oredson |
| Douglas Shuler | Edward J. Grug III | Émile Aubry | Erik Larsen |
| Dr Lakra | Edward Johnston | Émile Béchard | Erika Moen |
| Dreamcast | Edward Lear | Émile Bernard | Ernanda Souza |
| Drew Baker | Edward P. Beard | Émile Bréchot | Ernest Normand |
| Drew Berry | Edward Ruscha | Émile Cohl | Ernest Slingeneyer |
| Drew Struzan | Edward Troye | Émile Courtet | Erni Vales |
| Drew Tucker | Edward von Lơngus | Émile Deckers | Ernie Bushmiller |
| Drew Weing | Edwin Longsden Long | Émile Frechon | Ernie Gehr |
| Duane Hanson | Edwin Lord Weeks | Émile Reynaud | Ernst Koerner |
| Dudley Murphy | Edwin White | Émile Vernet-Lecomte | Ernst Ludwig Kirchner |
| Dušan Vukotic | Edwina Dumm | Emilio Sala | Erol Otus |
| DVD Kids | Eelis Kyttanen | Emily Carr | Esad Ribic |
| DXTR | Efflam Mercier | Emily Carroll | Est em |
| Dylan Martens | Efrem Palacios | Emily Fiegenschuh | Ethan Fleischer |
| E. M. Gist | Egon Schiele | Emily Maltby | Etienne Duval |
| Earl Norem | Egron Sellif Lundgren | Emily Teng | Etorouji Shiono |
| Earle K. Bergey | Eiichi Fukui | Emma Rios | Etsumi Haruki |
| Ebine Yamaji | Eiichiro Oda | Emmanuel Zamor | Etsushi Ogawa |
| Ed Big Daddy Roth | Eiji Nonaka | Emrah Elmasli | Ettore Cercone |
| Ed Benedict | Eiji Suganuma | Emura | Ettore Roesler Franz |
| Ed Brubaker | Eiki Eiki | En Kito | Ettore Simonetti |
| Ed Emshwiller | Eileen O'Meara | Enric Serra Auque | Eugen Bracht |
| Ed Subitzky | Eisaku Kubonouchi | Enrico Casarosa | Eugène Flandin |
| Ed Tourriol | Eita Mizuno | Enrico Mazzanti | Eugène Fromentin |
| Edd Cartier | Ejiwa Edge Ebenebe | Enrico Tarenghi | Eugene Isabey |
| Edd Gould | Ekaterina Burmak | Enrique Marín Sevilla | Eugene J. Martin |
| Eddie Germano | El Bocho | Enrique Tábara | Eugene Lanceray |
| Eddie Jones | El Celso | Epoch Cassette Vision | Eugène Pavy |
| Edgar Church | El Lissitzky | Epoch Super Cassette | Eugène Siberdt |
| Edgar Degas | El Teneen - graffiti | Vision | Eugenio Cecconi |
| Edgar Henry Banger | El Xupet Negre | Epsylon. | Eva Hesse |
| Edgar Martin | Elaine Hamilton | Eric Darnell | Eva Widermann |
| Edgar Pierre Jacobs | Eleanor Burns | Eric David Anderson | Evan Cagle |
| Edith Vernick | Eli Shiffrin | Eric Deschamps | Evan Dahm |
| Edmond Tapissier | Elias Goldberg | Eric Fortune | Evan Shipard |
| Edmund Aubrey Hunt | Élie Anatole Pavil | Eric Goldberg | Evelyn Flinders |
| Edmund Dulac | Eliette Mitchell | Eric Jolliffe | Even Amundsen |
| Edoardo Tofano | Elihu Vedder | Eric Larson | Ever |
| Édouard Debat-Ponsan | Elizabeth Catlett | Eric Lofgren | Evkay Alkerway |
| Édouard Louis Dubufe | Elizabeth Durack | Eric Milet | Evyn Fong |
| Édouard Manet | Elizabeth Nourse | Eric Millikin | Eytan Zana |
| Édouard Vuillard | Ella Ferris Pell | Eric Pele | Ezoi |
| Eduard Charlemont | Ellen Forney | Eric Peterson | Fabio Fabbi |
| Eduardo Paolozzi | Ellinor Aiki | Eric Polak | Facter |
| Eduardo Rosales | Ellis Gallagher | Eric Velhagen | Faile |
| Eduardo Vanó Pastor | Ellsworth Kelly | Eric Wilkerson | Fairchild Channel F |
| Edvard Munch | Elzie Crisler Segar | Erica Gassalasca-Jape | Faith Hubley |


| Faith47 - graffiti | Francisco Goya |
| :--- | :--- |
| Fajareka Setiawan | Francisco Iturrino |
| Family Computer Disk | Francisco Martin |
| System | Francisco Miyara |
| Fang Ganmin | Francisco Sans Cabot |
| Fang Yue | Franciszek Tepa |
| Fariba Khamseh | François Boucher |
| Fausto Zonaro | François Bourgeon |
| Fay Dalton | François d'Orleans |
| Fay Jones | François Dubois |
| Federico Archuleta | François Pierre Barry |
| Federico Bartolini | François Tabar |
| Felice Beato | Frank |
| Félix Arauz | Frank Auerbach |
| Félix Auguste Clement | Frank Brunner |
| Félix Bonfils | Frank Buchser |
| Felix Gonzalez-Torres | Frank Dillon |
| Felix Thomas | Frank Dunne |
| Félix Ziem | Frank Duveneck Seibert |
| Ferd Johnson | Fred Moore |
| Ferdinand Duboc | Fred Negro |
| Ferdinand Max Bredt | Fred Neher |
| Ferdinand Roybet | Frank Hampson |
| Fermín Solís | Frank Henry Mason |
| Frank Kelly Freas |  |
| Francisco Bores | Franzed Frand Cormon |


| Fred Worden | Gary Leach |
| :---: | :---: |
| Frederic Back | Gary Panter |
| Frederic Bazille | Gary Ruddell |
| Frederic Boilet | Gaspare Fossati |
| Frederic Edwin Church | Gaston Vuillier |
| Frederic L. Pape | Gaudensi Allar |
| Frederic Leighton | Gavin Verhey |
| Frederic Villot | Geco - graffiti[5] |
| Frederick Goodall | Gene Ahern |
| Frederick Spratt | Gene Davis |
| Frida Kahlo | Gene Day |
| Friedel Dzubas | Gene Deitch |
| Friz Freleng | Gengoroh Tagame |
| Frode Øverli | Genndy Tartakovsky |
| Fujihiko Hosono | Gentile Bellini |
| Fujiko Fujio | Geoff Jeff Hook |
| Fujio Akatsuka | Geoff Taylor |
| Fujio Fujiko | Geofrey Darrow |
| Fuller Potter | Georg Emanuel Opiz |
| Fumi Saimon | Georg Macco |
| Fumi Yoshinaga | George Akiyama |
| Fumino Hayashi | George Aleef |
| Fumitoshi Oizaki | George Asakura |
| Fumiyo Kono | George Baker |
| Funatsu Kazuki | George Barr |
| Fung Chin Pang | George Bellows |
| Fusako Kuramochi | George Burchett |
| Futaba Aoi | George Corominas |
| Futago Kamikita | George Cruikshank |
| Futura 2000 | George du Maurier |
| Fuyumi Soryo | George Elmer Browne |
| Fuzichoco | George Fan |
| G-host Lee | George Fett |
| G. P. Nerli | George Grosz |
| Gaboleps | George Henry Hall |
| Gabor Csupo | George Henry Yewell |
| Gabor Szikszai | George Herriman |
| Gabriel Morcillo | George Inness |
| Gabriel Orozco | George Lichty |
| Gaga Zeng | George McManus |
| Gahan Wilson | George Morikawa |
| Gaman Palem | George Passantino |
| Game Wave Family | George Pratt |
| Entertainment System | George Segal |
| Gao Jianzhang | George Sprod |
| Gao Yan | George William Joy |
| Gardner Rea | George Wolfe |
| Gary Chalk | Georges Braque |
| Gary Gianni | Georges Croegaert |
| Gary Kuehn | Georges Gaste |
| Gary Larson | Georges Landelle |


| Georges Rochegrosse |
| :--- |
| Georges Washington |
| Georges-Pierre Seurat |
| Georgia Bonesteel |
| Georgia O'Keeffe |
| Gerald Brom |
| Gerald Potterton |
| Gerald Scarfe |
| Gerard Gustaaf Muller |
| Gerhard Richter |
| Germain Fabius Brest |
| Germaine Dulac |
| German Aracil |
| Gerry Grace |
| Ghislain Barbe |
| Giacomo Balla |
| Giacomo Mantegazza |
| Gianantonio Guardi |
| Gianni De Luca |
| Gilbert Shelton |
| Gilles Roussel |
| Giorgio de Chirico |
| Giorgio De Vincenzi |
| Giorgio Morandi |
| Gisele Lagace |
| Giulio Rosati |
| Giuseppe Aureli |
| Giuseppe Signorini |
| Glen Angus |
| Glen Baxter |
| Glen Keane |
| Glen Murakami |
| Glen Orbik |
| Glenn Chadbourne |
| Glenn Fabry |
| Glenn Jones |
| Glenn McQueen |
| Gluyas Williams |
| Go Ikeyamada |
| Go Nagai |
| Godefroy De Hagemann |
| GodMachine |
| Gonzalo Bilbao |
| Goran Josic |
| Gordon A. Sheehan |
| Gordon Matta-Clark |
| Goseki Kojima |
| Gosho Aoyama |
| GotoP |
| Grace Hartigan |
| Grace Neutral |


| Grace Ravlin | Ha Il-kwon |
| :---: | :---: |
| Grace Snyder | Hagio Moto |
| Graciela Aranis | Hagiya Kaoru |
| Grady Frederick | Hajime Isayama |
| Graeme Hopkins | Hajime Sorayama |
| Graffiti Research Lab | Hajime Ueda |
| GrafitArt | Hajime Watanabe |
| Graham Ingels | Hajime Yatate |
| Graham Johnson | Hakase Mizuki |
| Graham Sutherland | Ham Fisher |
| Grant Snider | Hampton Yount |
| Grant Wood | Han Seok-bong |
| Gray Morrow | Hanaharu Naruko |
| Greg Broadmore | Hank Ketcham |
| Greg Brooks | Hannah Aitchison |
| Greg Hildebrandt | Hannah Hoch |
| Greg Irons | Hannah Jacobs |
| Greg Kulz | Hannah Wilke |
| Greg Opalinski | Hannes Bok |
| Greg Rutkowski | Hannibal King |
| Greg Simanson | Hans Bellmer |
| Greg Spalenka | Hans Hassenteufel |
| Greg Staples | Hans Hofmann |
| Greg Theakston | Hans Makart |
| Grim Natwick | Hans Steinbach |
| Groups | Hanspeter Ziegler |
| Grzegorz Rutkowski | Harald Naegeli |
| Guan Zeju | Hari Tokeino |
| Guerrilla Girls | Harmony Korine |
| Guillermo Mordillo | Haro Aso |
| Gülsün Karamustafa | Harold H. Piffard |
| Gunther Gerzso | Harold McNeill |
| Gustav Bauernfeind | Harold Rudolf Foster |
| Gustav Klimt | Harold Sakuishi |
| Gustav Pope | Harold Tamblyn-Watts |
| Gustave Boulanger | Harriet Powers |
| Gustave Courbet | Harry Fenn |
| Gustave de Jonghe | Harry Grant Dart |
| Gustave Le Gray | Harry Humphrey Moore |
| Gustave Moreau | Harry J. Tuthill |
| Gustave Verbeek | Harry Shoulberg |
| Gustave-Henri Jossot | Harry Siddons Mowbray |
| Gustavo Mancinelli | Haruhiko Mikimoto |
| Gustavo Simoni | Haruichi Furudate |
| Guy Aitchison | Haruka Aizawa |
| Guy Denning | Haruka Fukushima |
| Guy Kopsombut | Haruko Tachiiri |
| Gwendolyn Ann Magee | Harun Farocki |
| Gyula Tornai | Haruto Umezawa |
| H. R. Giger | Harvey Kurtzman |
| H. T. Webster | Hassan Massoudy |

Hatori Kyoka
Hattat Aziz Efendi
Hayao Miyazaki
He Jiancheng
Headache Stencil
Headgear
Heather Hudson
Hector Garrido
Hector Ortiz
Hedda Sterne
Heinrich Kley
Helen Frankenthaler
Helena Klakocar
Helge C. Balzer
Henfil
Henk Schiffmacher
Henmaru Machino
Henri Adrien Tanoux
Henri Chouanard
Henri Dabadie
Henri Matisse
Henri Pontoy
Henri Rousseau
Henri Sauvaire
Henri Villain
Henriette Browne
Henry Bacon
Henry Burden
Henry d'Estienne
Henry G. Higginbotham
Henry Hate
Henry Higginbotham
Henry Jones Thaddeus
Henry Moore
Henry Ossawa Tanner
Henry Roderick Newman
Henry Selick
Henry Singleton
Henry Van Der Linde
Heonhwa Choe
Herbert Herbie Ryman
Herbert Hoffmann
Herbert Johnson
Herge
Hermann Zapf
Hideaki Anno
Hideaki Sorachi
Hideaki Takamura
Hidefumi Kimura
Hideji Oda
Hidekaz Himaruya

| Hideki Arai | Hiroyuki Asada | Iain McCaig | İsmet Guney |
| :---: | :---: | :---: | :---: |
| Hideki Mori | Hiroyuki Imaishi | Ian Edward Ameling | Istvan Horkay |
| Hideko Mizuno | Hiroyuki Kaido | Ian Jepson | Isutoshi |
| Hidenori Hara | Hiroyuki Kitakubo | Ian Jones-Quartey | Italo Calvino |
| Hidenori Kusaka | Hiroyuki Kitazume | Ian McConville | Ittoku |
| Hideo Azuma | Hiroyuki Morita | Ian Miller | Ivan Aivazovsky |
| Hideo Yamamoto | Hiroyuki Nishimori | Ichigo Takano | Ivan Brunetti |
| Hideshi Hino | Hiroyuki Okiura | If magazine June 1954 | Ivan Ivanov-Vano |
| Hidetaka Tenjin | Hiroyuki Takei | Igor Kieryluk | Ivan Kazakov |
| Hideyuki Yonehara | Hiroyuki Tamakoshi | Igor Krstic | Ivan Kliun |
| Higuchi Tachibana | Hiroyuki Utatane | Ikki Kajiwara | Ivan Kramskoi |
| Hikaru Nakamura | Hisae Iwaoka | Ikuko Itoh | Ivan Shavrin |
| Hillary Wilson | Hisaichi Ishii | Ikuto Yamashita | Ivo Caprino |
| Hilma af Klint | Hisashi Eguchi | Ilene Meyer | Iwao Takamoto |
| Hinako Ashihara | Hisashi Hirai | Ilka Gedó | IZ the Wiz |
| Hinako Sugiura | Hisashi Momose | Illustranesia | Izumi Aso |
| Hinako Takanaga | Hisaya Nakajo | Ilse Gort | Izumi Kazuto |
| Hino Matsuri | Hisayuki Toriumi | Ilse Weber | Izumi Kirihara |
| Hippolyte Arnoux | Hitoshi Ashinano | Ilya Repin | Izumi Matsumoto |
| Hippolyte Berteaux | Hitoshi Iwaaki | Imanol Delgado Salazar | Izumi Takemoto |
| Hippolyte Délie | Hitoshi Okuda | Indie184 | Izumi Todo |
| Hirano Kouta | Hitoshi Tomizawa | Indra Nugroho | Izumi Todo |
| Hiro Fujiwara | Hitowa | Ingen Ryuki | Izzy |
| Hiro Izawa | Hogre | Inio Asano | Izzy Ellis |
| Hiro Mashima | Holice Turnbow | Inkie | J Pavlikevitch |
| Hiro Suda | Hong Yan | Inkotori | J-ta Yamada |
| Hiro Suzuhira | Hope Larson | INO - painting | J. C. Duffy |
| Hiroaki Sakurai | Horace Vernet | Inoue Junichi | J. D. Frazer |
| Hiroaki Samura | Horacio Altuna | Intellivision | J. G. Quintel |
| Hirohiko Araki | Horacio Sandoval | Interton VC 4000 | J. P. Targete |
| Hiroi Oji | Horiyoshi III | Invader - mosaic | J. R. Williams |
| Hirokazu Hisayuki | Horst Streckenbach | Ioan Dumitrescu | J. W. Frost |
| Hiroki Endo | Housui Yamazaki | Ionicus | J.D. Frazer |
| Hiroki Kanno | Howard David Johnson | Iou Kuroda | J.P. Targete |
| Hiroki Yagami | Howard Hodgkin | Ippongi Bang | Jacek Tylicki |
| Hiromasa Yonebayashi | Howard Lyon | Ira Humphrey | Jack Cole |
| Hiromu Arakawa | Howard Tayler | Irina Nordsol | Jack Davis |
| Hiromu Ono | Hozan Shinomaru | Iris Compiet | Jack Dunham |
| Hiromu Shinozuka | Huang Qishi | Ironbrush | Jack Edward Oliver |
| Hiroshi Aro | Huang Tingjian | Irven Spence | Jack Gaughan |
| Hiroshi Gamo | Hubert de Lartigue | Irvin Rodriguez | Jack Herbert |
| Hiroshi Hirata | Hubert Sattler | Irving Amen | Jack Kirby |
| Hiroshi Kanazawa | Hugh Bolton Jones | Irwin Caplan | Jack Markow |
| Hiroshi Ōsaka | Hugh Doak Rankin | Isaac Cruikshank | Jack Rudy |
| Hiroshi Sasagawa | Hugh Harman | Isaac Witkin | Jack Smith |
| Hiroshi Shiibashi | Hugh Jamieson | Isamu Imakake | Jack Wang |
| Hiroshi Takahashi | Hugleikur Dagsson | Isamu Noguchi | Jack Wei |
| Hiroshi Takashige | Hugo Pratt | Isao Takahata | Jacki Randall |
| Hiroshi Yoshida | Hyan Tran | Ishu Patel | Jackie Ormes |
| Hiroya Oku | HyperScan | Isidoro Marín Gares | Jackie Winsor |
| Hiroyuki | I. Rice Pereira | Isis | Jackson Pollock |

Jacob Jacobs Jacob Lawrence

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Jacques Bredy
Jacques Majorelle
Jacques Rivette
Jade Granger
Jae Lee
Jael
Jaime A. Zuverza
Jaime Jones
Jake Murray Jakob Eirich Jakob Martin Strid

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Jalil Rasouli
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James Baxter
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James Brooks
James C. Christensen
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James Ensor
James Ernest
James Fairman
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James O'Barr
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Jan Zrzavý
Jan-Baptist Huysmans
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Janet 'Rusty' Skuse
Janet Aulisio
Janet Catherine Berlo
Janet Iwasa
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Jason Little
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Jason Turner
Jason Van Hollander
Jason Waltrip
Jason Wulf
Jasper Johns
Jasper Sandner
Javier Charro
Jay DeFeo
Jay Lynch
Jay Stephens
Jbrock
JDL Street Art
Jean Arp
Jean Barbault
Jean Cocteau
Jean Discart
Jean Dubuffet
Jean Durand

Jean Giraud
Jean Metzinger
Jean Pascal Sébah
Jean Pierre Targete
Jean Ray Laury
Jean Rouch
Jean Tinguely
Jean-Baptiste Corot
Jean-Baptiste Monge
Jean-Charles Langlois
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Jean-Léon Gerome
Jean-Luc Godard
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Jiachen Tao
Jiaming
Jiang Kui
Jiang Zhuqing
JiHun Lee
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Jinho Bae
Jinny Beyer
Jiří Trnka
Jiro Ando
Jiro Kuwata
Jiro Matsumoto
Jiro Suzuki
Jiro Taniguchi
Jisoe - graffiti
Jo Baer
Jo Budd

Jo Seok
Joan Brown
Joan Cornellà
Joan Hanke-Woods
Joan Jonas
Joan Miró
Joan Mitchell
Joan Snyder
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Joanna Quinn
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Joel-Peter Witkin
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Johann Georg Platzer
Johann Victor Krämer
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John Abraham
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John and Laura Lakey
John Avon
John Berkey
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John Cooke Bourne
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John Donahue
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John Kricfalusi
John Lasseter
John Latham
John Leech
John Lefelhocz
John Lounsbery
John Maler Collier
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John Marin
John Matson
John McCracken
John Musker
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John Penick
John Picacio
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John Rollin Tilton
John Romita Jr
John Schoenherr
John Severin Brassell
John Sibbick
John Silva
John Stanko
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John Weldon
John Zeleznik
Johnny Hart
Jok Church
Jokubas Uogintas
Jon Foster
Jon J Muth
Jon Kinyon
Jon Van Caneghem
Jonas De Ro

Jonas Mekas
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Jonathan Rosenberg
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Jose Cruz Herrera
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José Jimenez Aranda
José María Fenollera
José Moreno Carbonero
Jose Ortega
Jose Segrelles Albert
Jose Silbert
José Zabala-Santos
Josef Albers
Josef Čapek
Josef Šíma
Josep Arrau i Barba
Josep Maria Tamburini
Josep Nin i Tudo
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Joseph Csaky
Joseph de La Nezière
Joseph Lindon Smith
Joseph Meehan
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Joseph Sintès
Joseph Stella
Joseph Wallace
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Josh Hass
Josh Kirby

Josh MacPhee Josh Thomas

Joshua Alvarado
Joshua Cairos
Joshua Hagler
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Joshua Mosley
Joshua Raphael
Josu Hernaiz
JoWOnder
Joy Ang
Joy Batchelor
Joyce J. Scott
Józef Gosławski
JR - graffiti
Juan Espina y Capó
Juan Gris
Juan Jimenez Martín
Juan Llimona Bruguera
Juan Luna y Novicio
Juan Padrón
Juan Villafuerte
Jubilee
Judal
Judson Huss
Judy Horacek
Juilee Pryor - murals
Jules Bass
Jules Engel
Jules Guerin
Jules Laurens
Jules Lefebvre
Jules Migonney
Jules Olitski
Jules Taupin
Julia Kaye
Julia Mage'au Gray
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Julio González
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Julius Rolshoven
Jun Hatanaka
Jun Maeda
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Jung Park
JungShan

| Junichi Kouchi | Karl Ludwig Libay | Kazuya Kuroda |
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| Junior Tomlin | Karl Waller | Kazuya Minekura |
| Junji Ito | Karl-Erik Forsberg | Kazuya Tsurumaki |
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| Justin Norman | Kathryn Rathke | Keiichi Hara |
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| Kiriko Nananan | Kou Yaginuma | Lauren Faust | Lillian Friedman |
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| Kiritada | Kouta Hirano | Lauren YS | Lily Hoshino |
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| Klark Kent | Kukka | Lee Sheppard | Liu Shangying |
| Kliment Red'ko | Kumiko Takahashi | Lee Unkrich | Liubov Popova |
| KNIIO | Kunihiko Tanaka | Lee W. Stanley | Lius Lasahido |
| Knitta Please | Kunio Hagio | Leesha Hannigan | Livia Prima |
| Know Hope | Kunio Kato | Lefred Thouron | Liz Danforth |
| Knox Martin | Kuno Veeber | Leif Jones | Liz Greenfield |
| Ko Kojima | Kurt Kren | Leigh Dragoon | Liz LaManche |
| kocore | Kurt Schwitters | Leigh Rubin | Lloyd J. Reynolds |
| Koge-Donbo | Kuvshinov Ilya | Leiji Matsumoto | Lloyd Vaughan |
| Koharu Sakuraba | Kyle Baker | Leiko Ikemura | Lockwood de Forest |
| Kohei Horikoshi | Kyle Balda | Len Lye | Logan Hicks |
| Koichi Chigira | Kylie InGold | Leo and Diane Dillon | Lokesh Verma |
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| Koichiro Yasunaga | Kyoko Okazaki | Leon Belly | Lorin Morgan-Richards |
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| Koji Aihara | Kyousuke Motomi | Leon Cauvy | Lotte Reiniger |
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| Konix Multisystem | Lake Hurwitz | Les Clark | Louis Schanker |
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| Kota Nakatsubo | Larry Poons | Li Youliang | Lucian Freud |
| Kotakan | Larry Zox | Li Yousong | Lucien Whiting Powell |
| Kotobuki Shiriagari | Lars Grant-West | Liam Sharp | Lucio Parrillo |
| Kotomi Aoki | Lars von Trier | Lie Setiawan | Lucio Tafuri |
| Kou Fumizuki | László Moholy-Nagy | Liiga Smilshkalne | Lucy Meaden |


| Ludovico Marchetti | Makoto Kobayashi | Maria Abagnale | Mark Tobey |
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| Ludwig Blum | Makoto Niwano | María Jose Cristerna | Mark Winters |
| Ludwig Deutsch | Makoto Raiku | Maria Martinetti | Mark Zug |
| Ludwig Hans Fischer | Makoto Shinkai | Maria Poliakova | Marsha Rivera |
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| Luis Bunuel | Mamoru Oshii | Marie Magny | Martin Ansin |
| Luis Molinari | Man Ray | Marie Rouffet | Martin Handford |
| Luis Ricardo Falero | Mana Neyestani | Marie Webster | Martin Kocisek |
| Luis Royo | Manavu Kashimoto | Marija Tiurina | Martin McKenna |
| Lukas Litzsinger | Manfred Kohrs | Mariko Iwadate | Martin Perscheid |
| Luke Cornish | Manick Sorcar | Marilyn I. Walker | Martin Puryear |
| Lushsux | Manjul | Marimo Ragawa | Martin Rowson |
| Lyle Tuttle | Mann Izawa | Marino Marini | Martina Fackova |
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| Lynn Okamoto | Manu Farrarons | Marius Bauer | Mary Cagle |
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| Machiko Satonaka | Marc Fishman | Mark Brill | Masaaki Yuasa |
| Maciej Kuciara | Marc Hansen | Mark Burrier | Masahiko Nakahira |
| Maciej Rebisz | Marc Simonetti | Mark Dindal | Masahiro Anbe |
| Macoto Tezuka | Marc Vaux | Mark Evans | Masahito Soda |
| Mad Peck | Marcel Broodthaers | Mark Hall | Masakazu Katsura |
| MadC | Marcel Duchamp | Mark Harrison | Masakazu Yamaguchi |
| Maddie Julyk | Marcel Vicaire | Mark Heggen | Masaki Kajishima |
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| Magali Villeneuve | Marco Nelor | Mark Marderosian | Masami Yuki |
| Magane Okuda | Marco Teixeira | Mark Nelson | Masamune Shirow |
| Magdalena Abakanowicz | Marcos Magalhães | Mark O'Hare | Masanori Morita |
| Magnavox Odyssey 2 | Marcus Waterman | Mark Poole | Masao Maruyama |
| Maguro Fujita | Marek Skrobecki | Mark Price | Masaomi Kanzaki |
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| Maiko Yoshizawa | Margaret Organ-Kean | Mark Romanoski | Masashi Asaki |
| Maki Kazumi | Margaret Wood | Mark Rosewater | Masashi Kishimoto |
| Maki Minami | Marguerite Allar | Mark Rothko | Masashi Kudo |
| Maki Murakami | Marguerite Delorme | Mark Smylie | Masashi Tanaka |
| Makoto Isshiki | Mari Ozawa | Mark Tedin | Masashi Ueda |


| Masato Ichishiki | Max Gilardi | Michael Heizer | Mike Lynch |
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| Masatoshi Kawahara | Max McCall | Michael J. Deas | Mike Mignola |
| Masaya Tokuhiro | Max Moreau | Michael James | Mike Nawrocki |
| Masayuki Kojima | Max Rabes | Michael Kaluta | Mike Peters |
| Masayuki Sakoi | Max Schodl | Michael Kirby | Mike Ploog |
| Massimilano Frezzato | Max Slevogt | Michael Koelsch | Mike Raabe |
| Massimo d'Azeglio | Maxime Du Camp | Michael Komarck | Mike Reiss |
| massstar | Maxwell Atoms | Michael Lah | Mike Riley |
| Masuda Mikio | Maxx Marshall | Michael Leunig | Mike Sass |
| Mateus Manhanini | Maya Deren | Michael Lopp | Mike Scully |
| Mathias Kollros | Maya Hayuk | Michael Phillippi | Mike Uziel |
| Mathieu Barathier | Maya Koikeda | Michael Please | Mikhail Belaevsky |
| Matsuri Akino | Mayu Sakai | Michael Poe | Miki Aihara |
| Matsuri Hino | Mayu Shinjo | Michael Ryan | Miki Hayasaka |
| Matt Cavotta | Mayumi Azuma | Michael Snow | Miki Tori |
| Matt Dixon | Mayumi Muroyama | Michael Sutfin | Miki Yoshikawa |
| Matt Fox | McLean Kendree | Michael Walsh | Mikio Igarashi |
| Matt Gaser | Mear One | Michael Weaver | Mikiyo Tsuda |
| Matt Groening | Meek | Michael Whelan | Mikuláš Medek |
| Matt Jefferies | Megumi Kadonosono | Michael William Kaluta | Mila Pesic |
| Matt Melvin | Megumi Mizusawa | Michaela Pavlátová | Milagros Correch |
| Matt Percival | Megumi Tachikawa | Michal Kalisz | Miles Johnston |
| Matt Smith | Megumu Okada | Michal Lisowski | Miles Teves |
| Matt Stawicki | Meimu | Michel Bouchaud | Milk Morinaga |
| Matt Stewart | Meiriri Vega | Michel Granger | Milk Morizono |
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| Matt Warren | Melissa DeTora | Michele Parisi | Mimi Dietrich |
| Matteo Bassini | Mell Lazarus | Michi Himeno | Min Ayahana |
| Matthew Barney | Mell Lazarus. Momma | Michiharu Kusunoki | Min Yum |
| Matthew D. Wilson | Melvyn Grant | Michiyo Akaishi | Minami Ozaki |
| Matthew G. Lewis | Memorex VIS | Michiyo Yasuda | Mine Yoshizaki |
| Matthew Gregory | Meris Mullaley | Mick Takeuchi | Mineko Ohkami |
| Matthew Mitchell | Mi Fu | Midorikawa Tsuyoshi | Minene Sakurano |
| Matthew O'Callaghan | Mi Guangjiang | Miguel Coimbra | Minna Sundberg |
| Matthew Stawicki | Mia Ikumi | Miguel Mercado | Mino Argento |
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| Maurice Bismouth | Micha Huigen | Mihona Fujii | Minttu Hynninen |
| Maurice Boitel | Michael Bohme | Mika Kawamura | Mir Ali Tabrizi |
| Maurice Bompard | Michael Bruinsma | Mike Bierek | Mir Emad Hassani |
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| Mauricio Calle | Michael C. Hayes | Mike Demaine | Mireille Miailhe |
| Mauricio de Sousa | Michael Cummings | Mike Dringenberg | Miriam Nathan-Roberts |
| Max Beckmann | Michael Danza | Mike Jordana | Miryam Lumpini |
| Max Cannon | Michael Dudok de Wit | Mike Judge | Misako Takashima |
| Max Crivello | Michael Goldberg | Mike Kerr | Mischa Richter |
| Max Ernst | Michael H. Payne | Mike Kimble | Mishkín-Qalam |
| Max Fleischer | Michael Hague | Mike Krahulik | Miss Tic |


| Miss Van - graffiti | Morris |
| :---: | :---: |
| Miss.Tic - stencil | Morris Louis |
| Mister Cartoon | Mort Drucker |
| Mitch Clem | Mort Walker |
| Mitch Cotie | Morteza Katouzian |
| Mitchell Malloy | Moto Hagio |
| Mitsuaki Sagiri | Moto Kikaku |
| Mitsuba Takanashi | Motoei Shinzawa |
| Mitsue Aoki | Motofumi Kobayashi |
| Mitsukazu Mihara | Motohiro Katou |
| Mitsumayo | Motoka Murakami |
| Mitsuo Hashimoto | Motosuke Takahashi |
| Mitsuo Iso | Moyoco Anno |
| Mitsuru Adachi | Mr. Brainwash |
| Mitsuru Hattori | MSCHF |
| Mitsuru Miura | Muelle |
| Mitsuru Sugaya | Muhammad Firdaus |
| Mitsuteru Yokoyama | Muneyuki Kaneshiro |
| Mitsutoshi Furuya | Murad Subay |
| Mitsutoshi Shimabukuro | Murasaki Yamada |
| Mitsuyo Seo | Murphy Anderson |
| Mitsuyoshi Sonoda | Murray Ball |
| Mitsuyuki Masuhara | Murray Olderman |
| Miwa Ueda | Mutsumi Inomata |
| Miyako Maki | Mutsumi Sasaki |
| Miyuki Kitagawa | My Vision |
| Miyuki Kobayashi | Myra Brodsky |
| Mizuho Aimoto | N.C. Winters |
| Mizuki Kawashita | Nablange |
| Mizuo Shinonome | Nadezhda Udaltsova |
| Mo Willems | Nadir Afonso |
| Mochiru Hoshisato | Nagano |
| Mogura Anagura | Nakaba Suzuki |
| Mohammed Racim | Nam June Paik |
| Mohiro Kitoh | Nami Akimoto |
| Mokona | Namuchi Takumi |
| Mollie Harms | Nana Haruta |
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| Molly Ostertag | Nanae Haruno |
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| Morishige | Naoko Takeuchi |
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| Norman Bluhm | Otto Muehl | Paul Feeley |
| Norman Carlberg | Otto Pilny | Paul Fierlinger Browngardt |
| Norman McCabe | Ouyang Xun | Peter Chung |
| Norman McLaren | Ovidio Cartagena | Paul Gauguin |
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| Nottsuo | Pablo Gargallo | Peter Hannan |
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| Nsumi | Pablo Picasso | Paul Insect |


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| Piotr Dumała | Rafael Garres | Red Grooms | Richard Serra |
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| Plastic Jesus | Rafael Senet Perez | Reginald Ben Davis | Richard Tuttle |
| Platt Rogers Spencer | Rafal Wechterowicz | Rei Hiroe | Richard Wentworth |
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| PlayStation 2 | Raita Kazama | Reiji Yamada | Richard Williams |
| PlayStation 3 | Rakuten Kitazawa | Reiko Murakami | Richard Wright |
| PlayStation 4 | Ralph Albert Blakelock | Reiko Okano | Rick Emond |
| PlayStation 5 | Ralph Bakshi | Reiko Okuyama | Rick Farrell |
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| Pøbel - graffiti | Ralph Horsley | Reiko Terashima | Rick Law |
| Poison Project | Ralph Hotere | Ralph McQuarrie | Reine Hibiki |


| Robert Goodnough | Ron Miller | Ryo Azumi | Sampsa - graffiti |
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Sega CD/Mega CD
Sega Genesis/Mega Drive
Sega Mark III/Sega Master
System
Sega Pico
Sega Saturn
Sega SG-1000
Segundo de Chomón
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SHG Black Point
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Sine
Sion Sono
Sir David Wilkie
Sir John Lavery
SJK 171
Skullphone
Slawomir Maniak
Smear
Smelly
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So-Taro
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Solomon Au Yeung
Solomon Nikritin
Song Shikai
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Sony PlayStation
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South Africa
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Stanley Kubrick
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Stanton Feng
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Sten Lex
Sten Lex - stencil
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Vi Szendrey
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Vicco von Bülow
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Victor Eeckhout
Victor Huguet
Victor Vasarely
Victoria Poyser
Victoria Poyser[5]
Victoria Roberts
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Video Art
Video Challenger
Video Driver
Videopac+ G7400
Videosmarts
View-Master Interactive
Vision
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Wang Yuqun
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Watson Heston
Wayne Douglas Barlowe
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| Wifredo Lam | WolfSkullJack | Yaya |
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| Wii U | Wols | Year 24 Group |
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| Wilfred Jackson | Woozy | Yellow Tanabe |
| Will Eisner | WOWOW | Yenkoes |
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| William Allan | Xavix PORT | Yohann Schepacz |
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| William Copley | Xbox 360 | Yoichi Ito |
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Yumi Tsukirino

| Yumiko Igarashi | Yutaka Tachibana | Zach Francks | Zhang Xu |
| :--- | :--- | :--- | :--- |
| Yumiko Kawahara | Yutaka Tanaka | Zach Weinersmith | Zhao Mengfu |
| Yumiko Ōshima | Yutori Hojo | Zack Stella | Zhao Tan |
| Yun Kouga | Yuu Watase | Zak Plucinski | Zhong Hui |
| Yuna Kagesaki | Yuusuke Katekari | ZAM-1 - graffiti | Zina Saunders |
| Yuri Narushima | Yupiro | Zinaida Serebriakova |  |
| Yuri Norstein | Yuzo Takada | Zara Alfonso | Zinna Du |
| Yuriko Chiba | Yves Brayer | Zdzisław Beksiński | ZlUK |
| Yusei Matsui | Yves Klein | Zeebo | Zlatko Grgic |
| Yusuke Murata | Yvonne Hutton | Zemmix | Zoltan Boros |
| Yutaka Hara | Yvonne Mariotte | Zero | Zoran Janjetov |
| Yutaka Li | Yvonne Porcella | Zevs | Kpoxa |
| Yutaka Minowa | YW Tang | Zezhou Chen |  |
| Yutaka Nakamura |  |  |  |

## EXHIBIT K

## (Midjourney Showcase)

Exhibit K: Midjourney Showcase - p. 1

## "Gerald Brom" in prompt


the king of fools, creativity takes courage, negative space for the win, style of Gerald Brom

[^30]Exhibit K: Midjourney Showcase - p. 2

## "Gerald Brom" in prompt



ingyt<br>$\cdots \bigcirc$ $\times$<br>Oil painting by Gerald Brom of a character, red demon from hell, very high quality 4 K HD, full body or 2:3

Exhibit K: Midjourney Showcase - p. 3

## "Gerald Brom" in prompt


Jill Biil
... $\bigcirc \times$

Baba Yaga, painting by Gerald Brom
style
ar 2:3 style raw

Exhibit K: Midjourney Showcase - p. 4

## "Gerald Brom" in prompt

 Gerald Brom style

Exhibit K: Midjourney Showcase - p. 5

## "Gerald Brom" in prompt


xobhenul
antipaladin, by Gerald Brom
or 3:4

Exhibit K: Midjourney Showcase - p. 6

## "Gregory Manchess" in prompt


olesya8051
$\cdots \times \times$
by Greg Manchess
or 16:9
[7] Copy Prompt

Exhibit K: Midjourney Showcase - p. 7

## "Gregory Manchess" in prompt



Exhibit K: Midjourney Showcase - p. 8

## "Gregory Manchess" in prompt


entitled rich college guy, cold eyes, jerk, bulky, full body, character sheet, in style of greg manchess

Exhibit K: Midjourney Showcase - p. 9

## "Gregory Manchess" in prompt



Exhibit K: Midjourney Showcase - p. 10

## "Gregory Manchess" in prompt



Exhibit K: Midjourney Showcase - p. 11

## "Jingna Zhang" in prompt


red lotus by Zhang Jingna $8 \mathrm{k},-$ ar $16: 9$

Exhibit K: Midjourney Showcase - p. 12

## "Jingna Zhang" in prompt


commercial Photography by Zhang Jingna,close-up,waist shot, Beautiful Chinese girl ,fashionable,best quality,ultra detailed, 16k

$$
\text { ar } 1: 1
$$

Exhibit K: Midjourney Showcase - p. 13
"Jingna Zhang" in prompt

ainurrazd
Zhang Jingna model

Exhibit K: Midjourney Showcase - p. 14

## "Jingna Zhang" in prompt



Zhang jingna, harpers bazaar, mid body portrait.

Exhibit K: Midjourney Showcase - p. 15

## "Jingna Zhang" in prompt


katt_k
Zhang Jingna photoshoot

Exhibit K: Midjourney Showcase - p. 16
"Jingna Zhang" in prompt


Exhibit K: Midjourney Showcase - p. 17

## "Kelly McKernan" in prompt


$3 / 4$ portrait of a woman with fully body chinese porcelain tattoos, blue and white Kelly McKernan --upbeta

Exhibit K: Midjourney Showcase - p. 18

## "Kelly McKernan" in prompt


forestye ... $\bigcirc \times$
beautiful PowerPoint slide design by Kelly McKernan, fully detailed, 4 k , HD362, title, text

Exhibit K: Midjourney Showcase - p. 19

## "Kelly McKernan" in prompt



Exhibit K: Midjourney Showcase - p. 20

## "Kelly McKernan" in prompt


forestye $\quad . . \ll$
beautiful PowerPoint slide design by Kelly McKernan, fully detailed, 4 k , HD362, title, text
ar 16:9
[7] Copy Prompt 圆 Searchimage

Exhibit K: Midjourney Showcase - p. 21

## "Kelly McKernan" in prompt



Exhibit K: Midjourney Showcase - p. 22
"Sarah Andersen" in prompt

kim423
by Sarah Andersen :i3 fairy tale of the giantess iris dakota and the girl with flying wings, in the style of marine biology-inspired, comiccore, mote kei, blink-and-you-miss-it detail, marvel comics, serene faces, close up

Exhibit K: Midjourney Showcase - p. 23

## "Sarah Andersen" in prompt


javi6868
Sarah Andersen

Exhibit K: Midjourney Showcase - p. 24

## "Sarah Andersen" in prompt



An illustration in the style of Sarah Andersen: Create a high-angle shot of the very upset ten-year-old giri sitting on her sofa, her tear-streaked face visible as she sobs. Use Sarah Andersen's expressive style to showcase the girf's vulnerability and sorrow. The high-angle view will emphasize the girl's feelings of sadness and isolation, providing a unique perspective on the scene as she sits alone on the sofa. -ar 16:9--uplight

Exhibit K: Midjourney Showcase - p. 25

## "Sarah Andersen" in prompt


depression, woman, in the style of Sarah Andersen

Exhibit K: Midjourney Showcase - p. 26
"Sarah Andersen" in prompt

a girlby Sarah Andersen--v 5.2

Exhibit K: Midjourney Showcase - p. 27

## "Sarah Andersen" in prompt



## EXHIBIT L

## (DeviantArt Terms of Service (Nov. 11, 2022))

## About Us: Terms of Service

## Introduction

Please read these Terms of Service ("Terms") carefully. They contain the legal terms and conditions that govern your use of services provided to you by DeviantArt, including information, text, images, graphics, data or other materials ("Content") and products and services provided through www.DeviantArt.com, Sta.sh, DeviantArt Protect, and other DeviantArt mobile applications as well as all elements, software, programs and code forming or incorporated in to www.DeviantArt.com (the "Service"). This Service is operated by DeviantArt, Inc. ("DeviantArt"). DeviantArt is also referred to in these Terms as "we", "our", and "us".

By using our Service, you agree to be bound by Section I of these Terms ("General Terms"), which contains provisions applicable to all users of our Service, including visitors to the DeviantArt website (the "Site"). If you choose to register as a member of our Service or purchase products from the DeviantArt Shop, you will be asked to check a box indicating that you have read, and agree to be bound by, the additional terms set forth in Section II of these Terms ("Additional Terms").

## Section I: General Terms

## 1. Availability

This Service is provided by DeviantArt on an "AS IS" and "AS AVAILABLE" basis and DeviantArt reserves the right to modify, suspend or discontinue the Service, in its sole discretion, at any time and without notice. You agree that DeviantArt is and will not be liable to you for any modification, suspension or discontinuance of the Service.

## 2. Privacy

DeviantArt has a firm commitment to safeguarding your privacy. Please review DeviantArt's Privacy Policy. The terms of DeviantArt's privacy policy are incorporated into, and form a part of, these Terms.

## 3. Trademarks

All brand, product and service names used in this Service which identify DeviantArt or third parties and their products and services are proprietary marks of DeviantArt and/or the relevant third parties. Nothing in this Service shall be deemed to confer on any person any license or right on the part of DeviantArt or any third party with respect to any such image, logo or name.

## 4. Copyright

DeviantArt is, unless otherwise stated, the owner of all copyright and data rights in the Service and its contents. Individuals who have posted works to DeviantArt are either the copyright owners of the component parts of that work or are posting the work under license from a copyright owner or his or her agent or otherwise as permitted by law. You may not reproduce, distribute, publicly display or perform, or prepare derivative works based on any of the Content including any such works without the express, written consent of DeviantArt or the appropriate owner of copyright in such works. DeviantArt does not claim ownership rights in your works or other materials posted by you to DeviantArt (Your Content). You agree not to distribute any part of the Service other than Your Content in any medium other than as permitted in these Terms of Service or by use of functions on the Service provided by us. You agree not to alter or modify any part of the Service unless expressly permitted to do so by us or by use of functions on the Service provided by us.

## 5. Reporting Copyright Violations

DeviantArt respects the intellectual property rights of others and expects users of the Service to do the same. At DeviantArt's discretion and in appropriate circumstances, DeviantArt may remove Your Content submitted to the Site, terminate the accounts of users or prevent access to the Site by users who infringe the intellectual property rights of others. If you believe the copyright in your work or in the work for which you act as an agent has been infringed through this Service, please contact DeviantArt's agent for notice of claims of copyright infringement, Daniel Sowers who can be reached through violations@deviantart.com. You must provide our agent with substantially the following information, which DeviantArt may then forward to the alleged infringer (see 17 U.S.C. 512 (c)(3) for further details):

1. A physical or electronic signature of a person authorized to act on behalf of the owner of an exclusive right that is allegedly infringed.
2. Identification of the copyrighted work claimed to have been infringed, or, if multiple copyrighted works at a single online site are covered by a single notification, a representative list of such works at that site.
3. Identification of the material that is claimed to be infringing or to be the subject of infringing activity and that is to be removed or access to which is to be disabled, and information reasonably sufficient to permit the service provider to locate the material.
4. Information reasonably sufficient to permit the service provider to contact the complaining party, such as an address, telephone number, and, if available, an electronic mail address at which the complaining party may be contacted.
5. A statement that the complaining party has a good faith belief that use of
the material in the manner complained of is not authorized by the copyright owner.
6. A statement that the information in the notification is accurate, and under penalty of perjury, that the complaining party is authorized to act on behalf of the owner of an exclusive right that is allegedly infringed.

Please see DeviantArt's Copyright Policy for further information and details.

## 6. External Links

DeviantArt may provide links to third-party websites or resources. You acknowledge and agree that DeviantArt is not responsible or liable for: the availability or accuracy of such websites or resources; or the Content, products, or services on or available from such websites or resources. Links to such websites or resources do not imply any endorsement by DeviantArt of such websites or resources or the Content, products, or services available from such websites or resources. You acknowledge sole responsibility for and assume all risk arising from your use of any such websites or resources.

## 7. Third Party Software

As a convenience, we may make third-party software available through the Service. To use the third-party software, you must agree to the terms and conditions imposed by the third party provider and the agreement to use such software will be solely between you and the third party provider. By downloading third party software, you acknowledge and agree that the software is provided on an "AS IS" basis without warranty of any kind. In no event shall DeviantArt be liable for claims or damages of any nature, whether direct or indirect, arising from or related to any third-party software downloaded through the Service.

As part of the DeviantArt platform, DeviantArt may provide different video services, available for its Core users.

The use of the video services for your account, may require that you receive a license to use certain patents from MPEG-LA (the "License"). It is your own exclusive responsibility to decide whether your activity requires a License and to obtain it. Information about the License can be obtained from MPEG LA L.L.C. here.

Without derogating from any subclause in these Terms of Use, and without any limitation of liability, you shall fully indemnify, defend and hold DeviantArt its officers, directors, shareholders, employees, affiliates and agents, harmless from any and all damages and costs, obligations, losses, liabilities debt and expenses (including attorneys' fees), as accrued, that arise out of or are related to infringement and/or misuse of the patent pool under the MPEG-LA consortium.

If your needs require a more inclusive plan than those regularly offered by us, please contact our support team at: help@deviantart.com

## 8. Conduct

You agree that you shall not interfere with or disrupt (or attempt to interfere with or disrupt) this Service or servers or networks connected to this Service, or to disobey any requirements, procedures, policies or regulations of networks connected to this Service; or provide any information to DeviantArt that is false or misleading, that attempts to hide your identity or that you do not have the right to disclose. DeviantArt does not endorse any content placed on the Service by third parties or any opinions or advice contained in such content. You agree to defend, indemnify, and hold harmless DeviantArt, its officers, directors, employees and agents, from and against any claims, liabilities, damages, losses, and expenses, including, without limitation, reasonable legal and expert fees, arising out of or in any way connected with your access to or use of the Services, or your violation of these Terms.

## 9. Disclaimer of Warranty and Limitation of Liability

DEVIANTART MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED AS TO THE OPERATION OF THE SERVICE, OR THE CONTENT OR PRODUCTS, PROVIDED THROUGH THE SERVICE. YOU EXPRESSLY AGREE THAT YOUR USE OF THE SERVICE IS AT YOUR SOLE RISK. DEVIANTART DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT, TO THE FULLEST EXTENT PERMITTED BY LAW. DEVIANTART MAKES NO WARRANTY AS TO THE SECURITY, RELIABILITY, TIMELINESS, AND PERFORMANCE OF THIS SERVICE. YOU SPECIFICALLY ACKNOWLEDGE THAT DEVIANTART IS NOT LIABLE FOR YOUR DEFAMATORY, OFFENSIVE OR ILLEGAL CONDUCT, OR SUCH CONDUCT BY THIRD PARTIES, AND YOU EXPRESSLY ASSUME ALL RISKS AND RESPONSIBILITY FOR DAMAGES AND LOSSES ARISING FROM SUCH CONDUCT. EXCEPT FOR THE EXPRESS, LIMITED REMEDIES PROVIDED HEREIN, AND TO THE FULLEST EXTENT ALLOWED BY LAW, DEVIANTART SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND ARISING FROM USE OF THE SERVICE, INCLUDING BUT NOT LIMITED TO DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, EXEMPLARY, OR PUNITIVE DAMAGES, EVEN IF DEVIANTART HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING DISCLAIMERS, WAIVERS AND LIMITATIONS SHALL APPLY NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF OR LIMITATIONS ON CERTAIN WARRANTIES OR DAMAGES. THEREFORE, SOME OF THE ABOVE EXCLUSIONS OR LIMITATIONS MAY NOT APPLY TO YOU. IN NO EVENT SHALL DEVIANTART'S AGGREGATE LIABILITY TO YOU EXCEED THE AMOUNTS PAID BY YOU TO DEVIANTART PURSUANT TO THIS AGREEMENT.

## 10. Amendment of the Terms

We reserve the right to amend these Terms from time to time in our sole discretion. If you have registered as a member, we may notify you of any material changes to these Terms (and the effective date of such changes) by sending a notification on the Site. In addition, we will post the revised terms on the Site. If you continue to use the Service after the effective date of the revised Terms, you will be deemed to have accepted those changes. If you do not agree to the revised Terms, your sole remedy shall be to discontinue using the Service.

## 11. General

These Terms constitute the entire agreement between DeviantArt and you with respect to your use of the Service. DeviantArt's failure to enforce any right or provision in these Terms shall not constitute a waiver of such right or provision. If a court should find that one or more provisions contained in these Terms is invalid, you agree that the remainder of the Terms shall be enforceable. DeviantArt shall have the right to assign its rights and/or delegate its obligations under these Terms, in whole or in part, to any person or business entity. You may not assign your rights or delegate your obligations under these Terms without the prior written consent of DeviantArt. These Terms shall be governed by and construed in accordance with the laws of the State of California. Any disputes arising under or in connection with these Terms shall be subject to the exclusive jurisdiction of the state and federal courts of the State of California.

## 12. Comments

If you have any comments or questions about the Service please contact us by email at help@deviantart.com.

## Section II: Additional Terms

## 13. Registration

To register as a member of the Service or purchase products, you must be 13 years or lawfully permitted to enter into and form contracts under applicable law. In no event may minors submit Content to the Service. You agree that the information that you provide to us upon registration, at the time of purchase, and at all other times will be true, accurate, current and complete. You also agree that you will ensure that this information is kept accurate and up to date at all times. This is especially important with respect to your email address, since that is the primary way in which we will communicate with you about your account and your orders.

## 14. Password

When you register as a member you will be asked to provide a password. You are responsible for safeguarding the password and you agree not to disclose your password to any third party. You agree that you shall be solely responsible for any activities or actions under your password, whether or not you have authorized such activities or actions. You shall immediately notify DeviantArt of any unauthorized use of your password.

## 15. Submitting Content

Chat Rooms and Forums - As a registered member of the Service, you will be granted the privilege of participating in chat rooms and forums on the DeviantArt website as part of the Service, which means you may post Your Content in the form of text for display in these areas of the DeviantArt website, subject to your compliance with the Terms.

Artist Materials - As a registered member of the Service, you will also be granted the privilege of submitting certain types of Your Content, known as "Artist Materials," for display on your user page. Prior to submitting Artist Materials, you must accept the additional terms and conditions of the Submission Policy, which is incorporated into, and forms a part of, the Terms.

## 16. Copyright in Your Content

DeviantArt does not claim ownership rights in Your Content. For the sole purpose of enabling us to make your Content available through the Service, you grant to DeviantArt a non-exclusive, royalty-free license to reproduce, distribute, re-format, store, prepare derivative works based on, and publicly display and perform Your Content. Please note that when you upload Content, third parties will be able to copy, distribute and display your Content using readily available tools on their computers for this purpose although other than by linking to your Content on DeviantArt any use by a third party of your Content could violate paragraph 4 of these Terms and Conditions unless the third party receives permission from you by license.

## 17. Monitoring Content

DeviantArt has no ability to control the Content you may upload, post or otherwise transmit using the Service and does not have any obligation to monitor such Content for any purpose. You acknowledge that you are solely responsible for all Content and material you upload, post or otherwise transmit using the Service.

## 18. Storage Policy

At this time, DeviantArt provides free online storage of Your Content to registered members of the Service. However, you acknowledge and agree that DeviantArt may, at its option, establish limits concerning your use of the Service, including without limitation the maximum number of days that Your

Content will be retained by the Service, the maximum size of any Content files that may be stored on the Service, the maximum disk space that will be allotted to you for the storage of Content on DeviantArt's servers. Furthermore, you acknowledge that DeviantArt reserves the right to terminate or suspend accounts that are inactive, in DeviantArt's sole discretion, for an extended period of time (thus deleting or suspending access to your Content). Without limiting the generality of Section 9, DeviantArt shall have no responsibility or liability for the deletion or failure to store any Content maintained on the Service and you are solely responsible for creating back-ups of Your Content. You further acknowledge that DeviantArt reserves the right to modify its storage policies from time to time, with or without notice to you.

## 19. Conduct

You agree to be subject to and to conduct yourself in accordance with the DeviantArt Etiquette Policy.You are responsible for all of Your Content you upload, download, and otherwise copy, distribute and display using the Service. You must have the legal right to copy, distribute and display all parts of any content that you upload, download and otherwise copy, distribute and display. Content provided to you by others, or made available through websites, magazines, books and other sources, are protected by copyright and should not be uploaded, downloaded, or otherwise copied, distributed or displayed without the consent of the copyright owner or as otherwise permitted by law. Please refer to DeviantArt's Copyright Policy for further details.

You agree not to use the Service:

1. for any unlawful purposes;
2. to upload, post, or otherwise transmit any public and shared content (content which you offer for free) that is pornographic, obscene, offensive, blasphemous, unlawful, threatening, menacing, abusive, harmful, an invasion of privacy or publicity rights, defamatory, libelous, vulgar, illegal or otherwise objectionable;
3. to upload, post, or otherwise transmit any subscription or paid content featuring pornographic material of real people, which offers sexual services, which glorifies sexual violence, fringe sexual fetish creations, fetish creations that are hard to distinguish from non-consensual sex, or that is obscene, offensive, blasphemous, unlawful, threatening, menacing, abusive, harmful, an invasion of privacy or publicity rights, defamatory, libelous, vulgar, illegal or otherwise objectionable;
4. to harm minors in any way, including, but not limited to, uploading, posting, or otherwise transmitting content that violates child pornography laws, child sexual exploitation laws or laws prohibiting the depiction of minors engaged in sexual conduct, or submitting any personally
identifiable information about any child under the age of 13;
5. to forge headers or otherwise manipulate identifiers in order to disguise the origin of any Content transmitted through the Service;
6. to upload, post, or otherwise transmit any material which is likely to cause harm to DeviantArt or anyone else's computer systems, including but not limited to that which contains any virus, code, worm, data or other files or programs designed to damage or allow unauthorized access to the Service which may cause any defect, error, malfunction or corruption to the Service;
7. for any commercial purpose, except as expressly permitted under these Terms;
8. to sell access to the Service on any other website or to use the Service on another website for the primary purpose of gaining advertising or subscription revenue other than a personal blog or social network where the primary purpose is to display content from DeviantArt by hyperlink and not to compete with DeviantArt.

## 19A. Commercial Activities

Commercial activities mean the offering, solicitation or sale of goods or services by anyone other than DeviantArt. Commercial activities with respect to the arts are permitted for registered members acting as individuals, for small corporations or partnerships engaged primarily in art-related activities in which one or more of the principals is a registered member or for those seeking to retain the services or works of a registered member. Commercial activities in the form of paid advertising on the Service are subject to the terms and conditions relating to the purchase of such advertising. No other commercial activities are permitted on or through the Service without DeviantArt's written approval. Any interactions with members of the Service with respect to commercial activities including payment for and delivery of goods and/or services and any terms related to the commercial activities including conditions, warranties or representations and so forth are solely between you and the other member. Paragraph 9, above, of these Terms of Service specifically applies with respect to commercial activities.

## 19B. Groups

As a registered member of the Service, you will also be able to participate as an administrator or member of a "Group" which is a set of user pages and applications formed for the purpose of collecting content, discussions and organizing members of the site with common interests. Further information about Groups can be found in our Etiquette Policy.

1. You agree to participate in a Group on the basis of its own rules consistent
with these Terms of Service, the conduct set out in paragraph 19, above, and such other rules created by us for Groups from time to time including with respect to the use of Groups for commercial activities.
2. As an administrator or participant in a Group you acquire no ownership rights over the Group, the Group applications provided by us or over the right to conduct the activities of the Group.
3. Any Content or Artists Materials submitted to a Group remain, as between the Group and the user submitting such content, the property of the person who submitted the content.
4. Groups are managed by registered members of the Service and not by us. We are not responsible for the conduct of Group participants or administrators and will not interfere with the management or society of any specific Group or the rules it establishes for itself as long as they are consistent with these Terms of Service and our policies.
5. Groups may not be used to collect personal data about participants in Groups without the participant's express permission.
6. The Group application permits us to take appropriate action should intervention become necessary as a result of a violation of the Terms of Service or of any other of our policies. We can remove a Group and the Group's privileges at any time at our discretion.
7. The use in a Group name of trademarks or distinctive trade names of properties, goods or services is subject to objections from the owner of the marks and names. DeviantArt will respond to such objections by requiring an appropriate change in the name of the Group. The use of trademarks and trade names in Group names otherwise must be descriptive of Group activity or purpose. To avoid confusion and animosity, Groups wishing to name themselves after trademarked properties must include a further description in its name of the type of Group it expects to be such as "Master Photoshop Tutorials" instead of simply "Photoshop."

## 20. Suspension and Termination of Access and Membership

You agree that DeviantArt may at any time, and without notice, suspend or terminate any part of the Service, or refuse to fulfill any order, or any part of any order or terminate your membership and delete any Content stored on the DeviantArt Site, in DeviantArt's sole discretion, if you fail to comply with the Terms or applicable law.

## 21. Product Purchases from the DeviantArt Shop

DeviantArt users may make certain products available for purchase through the

DeviantArt Shop. For example, you may have the opportunity to purchase or commission "Digital Artwork" that a registered member has listed for sale through the Shop.

All payments are to be made in US dollars and prices are subject to change at any time.

Any purchase made via the Shop is between the user and the purchaser only. DeviantArt only provides the platform in which such purchase is available, but in any event will not be responsible for the purchased item, its quality, terms, price etc.

Before making a purchase, we advise you to review the listing and specifications to make sure they fit your needs and are acceptable by you.

## 22. Cryptocurrency

DeviantArt enables cryptocurrency payments and earnings withdrawals via a Third Party Software blockchain/cryptocurrency payment processor ("Cryptocurrency Payment Services").

You acknowledge and agree that regardless of the manner in which such Cryptocurrency Payment Services may be offered to you, DeviantArt merely acts as an intermediary platform between you and the applicable Cryptocurrency Payment Services provider, and shall not be in any way responsible or liable with respect to any services provided by such Cryptocurrency Payment Services provider.

Any and all use of Cryptocurrency Payment Services shall be done solely at your own risk and responsibility, and may be subject to certain legal and financial terms which govern Cryptocurrency Payment Services, which you are encouraged to review and understand before using such services. Additionally, the use of Cryptocurrency Payment Services is subject to the applicable terms of use of the Cryptocurrency Payment Services provider, including but not limited to the lists of prohibited items and businesses not supported by such provider. In the case of BitPay, your use of Cryptocurrency Payment Services is subject to BitPay's terms of use. Each Cryptocurrency Payment Services provider may support different cryptocurrencies, however DeviantArt has full discretion regarding which cryptocurrencies will be available through the Cryptocurrency Payment Services on the DeviantArt platform. Please avoid paying in unsupported cryptocurrencies, as doing so may result in loss of funds.

While we hope to avoid such instances, DeviantArt may, at any time and at its sole discretion, suspend, disable access to or remove Cryptocurrency Payment Services without any liability to you or to any third party.

You assume the volatility risk of the cryptocurrencies in which cryptocurrency
transactions occur.
Any refunds of cryptocurrency transactions are subject to DeviantArt's sole discretion.

## Services Fees

Your use of Cryptocurrency Payment Services is subject to certain fees and exchange rates ("Service Fees"), which may be modified from time to time. For more information, see here. The Service Fees shall be deducted from your DeviantArt Earnings Account. All Service Fees are non-refundable.

Certain transactions (e.g., underpayment and overpayment of cryptocurrency transactions) may be subject to additional fees by the Cryptocurrency Payment Services provider. In the case of BitPay, please refer to the following article for additional information.

## 23. DeviantArt Protect

DeviantArt enables you to use its DeviantArt Protect service (for qualifying images stored in Sta.sh or qualifying images submitted as deviations), in order to detect potential infringements of your images that you submitted or uploaded in the ways specified below. By using DeviantArt Protect, you agree and acknowledge the following:

1. The DeviantArt Protect service is limited to detecting potentially similar or near-identical images to your images identified on DeviantArt or various blockchains (for more details on the specific platforms scanned, see our updated list). There might be other similar images that we will not detect, and therefore, we encourage you to keep track of existing works on different platforms.
2. To use DeviantArt Protect, you will need to open an account with DeviantArt, and agree to these terms and to the DeviantArt general privacy policy.
3. For images eligible for the DeviantArt Protect service, when a potential infringement is identified, we will send you a notice via email or via platform notification, of any potential similar image found. Upon receiving such a notice, you may choose if you wish to take action regarding such images or not (for example, by filing a DMCA takedown notice).
4. We will not cause or initiate any legal procedures with respect to the similar images. If you believe that one of our results is infringing upon your image, we encourage you to enter the relevant platform, and submit a takedown notice independently. DeviantArt will not be responsible, in any event, for such procedures. All results are indicating some similarity, but in no event will we determine or suggest if such work is indeed
infringing or not.
5. DeviantArt Protect for images uploaded to Sta.sh:

You can upload up to 10 images and up to 2GB for free coverage by the DeviantArt Protect service. To receive coverage of the DeviantArt Protect service for any additional images, you will need to upgrade for a relevant Core Membership. Find out more about our membership, pricing, storage and plans here.
6. DeviantArt Protect for images published on DeviantArt as deviations: For Core Members, we provide the DeviantArt Protect service for all images published as deviations. For non-Core users, we offer the DeviantArt Protect service for 90 days as of the day when the image was submitted as a deviation.

## EXHIBIT M

## (DeviantArt Terms of Service <br> (Jan. 11, 2023))

## About Us: Terms of Service

## Introduction

Please read these Terms of Service ("Terms") carefully. They contain the legal terms and conditions that govern your use of services provided to you by DeviantArt, including information, text, images, graphics, data or other materials ("Content") and products and services provided through www.DeviantArt.com, Sta.sh, DeviantArt Protect, and other DeviantArt mobile applications as well as all elements, software, programs and code forming or incorporated in to www.DeviantArt.com (the "Service"). This Service is operated by DeviantArt, Inc. ("DeviantArt"). DeviantArt is also referred to in these Terms as "we", "our", and "us".

By using our Service, you agree to be bound by Section I of these Terms ("General Terms"), which contains provisions applicable to all users of our Service, including visitors to the DeviantArt website (the "Site"). If you choose to register as a member of our Service or purchase products from the DeviantArt Shop, you will be asked to check a box indicating that you have read, and agree to be bound by, the additional terms set forth in Section II of these Terms ("Additional Terms").

## Section I: General Terms

## 1. Availability

This Service is provided by DeviantArt on an "AS IS" and "AS AVAILABLE" basis and DeviantArt reserves the right to modify, suspend or discontinue the Service, in its sole discretion, at any time and without notice. You agree that DeviantArt is and will not be liable to you for any modification, suspension or discontinuance of the Service.

## 2. Privacy

DeviantArt has a firm commitment to safeguarding your privacy. Please review DeviantArt's Privacy Policy. The terms of DeviantArt's privacy policy are incorporated into, and form a part of, these Terms.

## 3. Trademarks

All brand, product and service names used in this Service which identify DeviantArt or third parties and their products and services are proprietary marks of DeviantArt and/or the relevant third parties. Nothing in this Service shall be deemed to confer on any person any license or right on the part of DeviantArt or any third party with respect to any such image, logo or name.

## 4. Copyright

DeviantArt is, unless otherwise stated, the owner of all copyright and data rights in the Service and its contents. Individuals who have posted works to DeviantArt are either the copyright owners of the component parts of that work or are posting the work under license from a copyright owner or his or her agent or otherwise as permitted by law. You may not reproduce, distribute, publicly display or perform, or prepare derivative works based on any of the Content including any such works without the express, written consent of DeviantArt or the appropriate owner of copyright in such works. DeviantArt does not claim ownership rights in your works or other materials posted by you to DeviantArt (Your Content). You agree not to distribute any part of the Service other than Your Content in any medium other than as permitted in these Terms of Service or by use of functions on the Service provided by us. You agree not to alter or modify any part of the Service unless expressly permitted to do so by us or by use of functions on the Service provided by us.

## 5. Reporting Copyright Violations

DeviantArt respects the intellectual property rights of others and expects users of the Service to do the same. At DeviantArt's discretion and in appropriate circumstances, DeviantArt may remove Your Content submitted to the Site, terminate the accounts of users or prevent access to the Site by users who infringe the intellectual property rights of others. If you believe the copyright in your work or in the work for which you act as an agent has been infringed through this Service, please contact DeviantArt's agent for notice of claims of copyright infringement, Daniel Sowers who can be reached through violations@deviantart.com. You must provide our agent with substantially the following information, which DeviantArt may then forward to the alleged infringer (see 17 U.S.C. 512 (c)(3) for further details):

1. A physical or electronic signature of a person authorized to act on behalf of the owner of an exclusive right that is allegedly infringed.
2. Identification of the copyrighted work claimed to have been infringed, or, if multiple copyrighted works at a single online site are covered by a single notification, a representative list of such works at that site.
3. Identification of the material that is claimed to be infringing or to be the subject of infringing activity and that is to be removed or access to which is to be disabled, and information reasonably sufficient to permit the service provider to locate the material.
4. Information reasonably sufficient to permit the service provider to contact the complaining party, such as an address, telephone number, and, if available, an electronic mail address at which the complaining party may be contacted.
5. A statement that the complaining party has a good faith belief that use of
the material in the manner complained of is not authorized by the copyright owner.
6. A statement that the information in the notification is accurate, and under penalty of perjury, that the complaining party is authorized to act on behalf of the owner of an exclusive right that is allegedly infringed.

Please see DeviantArt's Copyright Policy for further information and details.

## 6. External Links

DeviantArt may provide links to third-party websites or resources. You acknowledge and agree that DeviantArt is not responsible or liable for: the availability or accuracy of such websites or resources; or the Content, products, or services on or available from such websites or resources. Links to such websites or resources do not imply any endorsement by DeviantArt of such websites or resources or the Content, products, or services available from such websites or resources. You acknowledge sole responsibility for and assume all risk arising from your use of any such websites or resources.

## 7. Third Party Software

As a convenience, we may make third-party software available through the Service. To use the third-party software, you must agree to the terms and conditions imposed by the third party provider and the agreement to use such software will be solely between you and the third party provider. By downloading third party software, you acknowledge and agree that the software is provided on an "AS IS" basis without warranty of any kind. In no event shall DeviantArt be liable for claims or damages of any nature, whether direct or indirect, arising from or related to any third-party software downloaded through the Service.

As part of the DeviantArt platform, DeviantArt may provide different video services, available for its Core users.

The use of the video services for your account, may require that you receive a license to use certain patents from MPEG-LA (the "License"). It is your own exclusive responsibility to decide whether your activity requires a License and to obtain it. Information about the License can be obtained from MPEG LA L.L.C. here.

Without derogating from any subclause in these Terms of Use, and without any limitation of liability, you shall fully indemnify, defend and hold DeviantArt its officers, directors, shareholders, employees, affiliates and agents, harmless from any and all damages and costs, obligations, losses, liabilities debt and expenses (including attorneys' fees), as accrued, that arise out of or are related to infringement and/or misuse of the patent pool under the MPEG-LA consortium.

If your needs require a more inclusive plan than those regularly offered by us, please contact our support team at: help@deviantart.com

## 8. Conduct

You agree that you shall not interfere with or disrupt (or attempt to interfere with or disrupt) this Service or servers or networks connected to this Service, or to disobey any requirements, procedures, policies or regulations of networks connected to this Service; or provide any information to DeviantArt that is false or misleading, that attempts to hide your identity or that you do not have the right to disclose. DeviantArt does not endorse any content placed on the Service by third parties or any opinions or advice contained in such content. You agree to defend, indemnify, and hold harmless DeviantArt, its officers, directors, employees and agents, from and against any claims, liabilities, damages, losses, and expenses, including, without limitation, reasonable legal and expert fees, arising out of or in any way connected with your access to or use of the Services, or your violation of these Terms.

## 9. Disclaimer of Warranty and Limitation of Liability

DEVIANTART MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED AS TO THE OPERATION OF THE SERVICE, OR THE CONTENT OR PRODUCTS, PROVIDED THROUGH THE SERVICE. YOU EXPRESSLY AGREE THAT YOUR USE OF THE SERVICE IS AT YOUR SOLE RISK. DEVIANTART DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT, TO THE FULLEST EXTENT PERMITTED BY LAW. DEVIANTART MAKES NO WARRANTY AS TO THE SECURITY, RELIABILITY, TIMELINESS, AND PERFORMANCE OF THIS SERVICE. YOU SPECIFICALLY ACKNOWLEDGE THAT DEVIANTART IS NOT LIABLE FOR YOUR DEFAMATORY, OFFENSIVE OR ILLEGAL CONDUCT, OR SUCH CONDUCT BY THIRD PARTIES, AND YOU EXPRESSLY ASSUME ALL RISKS AND RESPONSIBILITY FOR DAMAGES AND LOSSES ARISING FROM SUCH CONDUCT. EXCEPT FOR THE EXPRESS, LIMITED REMEDIES PROVIDED HEREIN, AND TO THE FULLEST EXTENT ALLOWED BY LAW, DEVIANTART SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND ARISING FROM USE OF THE SERVICE, INCLUDING BUT NOT LIMITED TO DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, EXEMPLARY, OR PUNITIVE DAMAGES, EVEN IF DEVIANTART HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING DISCLAIMERS, WAIVERS AND LIMITATIONS SHALL APPLY NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF OR LIMITATIONS ON CERTAIN WARRANTIES OR DAMAGES. THEREFORE, SOME OF THE ABOVE EXCLUSIONS OR LIMITATIONS MAY NOT APPLY TO YOU. IN NO EVENT SHALL DEVIANTART'S AGGREGATE LIABILITY TO YOU EXCEED THE AMOUNTS PAID BY YOU TO DEVIANTART PURSUANT TO THIS AGREEMENT.

## 10. Amendment of the Terms

We reserve the right to amend these Terms from time to time in our sole discretion. If you have registered as a member, we may notify you of any material changes to these Terms (and the effective date of such changes) by sending a notification on the Site. In addition, we will post the revised terms on the Site. If you continue to use the Service after the effective date of the revised Terms, you will be deemed to have accepted those changes. If you do not agree to the revised Terms, your sole remedy shall be to discontinue using the Service.

## 11. General

These Terms constitute the entire agreement between DeviantArt and you with respect to your use of the Service. DeviantArt's failure to enforce any right or provision in these Terms shall not constitute a waiver of such right or provision. If a court should find that one or more provisions contained in these Terms is invalid, you agree that the remainder of the Terms shall be enforceable. DeviantArt shall have the right to assign its rights and/or delegate its obligations under these Terms, in whole or in part, to any person or business entity. You may not assign your rights or delegate your obligations under these Terms without the prior written consent of DeviantArt. These Terms shall be governed by and construed in accordance with the laws of the State of California. Any disputes arising under or in connection with these Terms shall be subject to the exclusive jurisdiction of the state and federal courts of the State of California.

## 12. Comments

If you have any comments or questions about the Service please contact us by email at help@deviantart.com.

## Section II: Additional Terms

## 13. Registration

To register as a member of the Service or purchase products, you must be 13 years or lawfully permitted to enter into and form contracts under applicable law. In no event may minors submit Content to the Service. You agree that the information that you provide to us upon registration, at the time of purchase, and at all other times will be true, accurate, current and complete. You also agree that you will ensure that this information is kept accurate and up to date at all times. This is especially important with respect to your email address, since that is the primary way in which we will communicate with you about your account and your orders.

## 14. Password

When you register as a member you will be asked to provide a password. You are responsible for safeguarding the password and you agree not to disclose your password to any third party. You agree that you shall be solely responsible for any activities or actions under your password, whether or not you have authorized such activities or actions. You shall immediately notify DeviantArt of any unauthorized use of your password.

## 15. Submitting Content

Chat Rooms and Forums - As a registered member of the Service, you will be granted the privilege of participating in chat rooms and forums on the DeviantArt website as part of the Service, which means you may post Your Content in the form of text for display in these areas of the DeviantArt website, subject to your compliance with the Terms.

Artist Materials - As a registered member of the Service, you will also be granted the privilege of submitting certain types of Your Content, known as "Artist Materials," for display on your user page. Prior to submitting Artist Materials, you must accept the additional terms and conditions of the Submission Policy, which is incorporated into, and forms a part of, the Terms.

## 16. Copyright in Your Content

DeviantArt does not claim ownership rights in Your Content. For the sole purpose of enabling us to make your Content available through the Service, you grant to DeviantArt a non-exclusive, royalty-free license to reproduce, distribute, re-format, store, prepare derivative works based on, and publicly display and perform Your Content. Please note that when you upload Content, third parties will be able to copy, distribute and display your Content using readily available tools on their computers for this purpose although other than by linking to your Content on DeviantArt any use by a third party of your Content could violate paragraph 4 of these Terms and Conditions unless the third party receives permission from you by license.

## 17. Monitoring Content

DeviantArt has no ability to control the Content you may upload, post or otherwise transmit using the Service and does not have any obligation to monitor such Content for any purpose. You acknowledge that you are solely responsible for all Content and material you upload, post or otherwise transmit using the Service.

## 18. Storage Policy

At this time, DeviantArt provides free online storage of Your Content to registered members of the Service. However, you acknowledge and agree that DeviantArt may, at its option, establish limits concerning your use of the Service, including without limitation the maximum number of days that Your

Content will be retained by the Service, the maximum size of any Content files that may be stored on the Service, the maximum disk space that will be allotted to you for the storage of Content on DeviantArt's servers. Furthermore, you acknowledge that DeviantArt reserves the right to terminate or suspend accounts that are inactive, in DeviantArt's sole discretion, for an extended period of time (thus deleting or suspending access to your Content). Without limiting the generality of Section 9, DeviantArt shall have no responsibility or liability for the deletion or failure to store any Content maintained on the Service and you are solely responsible for creating back-ups of Your Content. You further acknowledge that DeviantArt reserves the right to modify its storage policies from time to time, with or without notice to you.

## 19. Conduct

You agree to be subject to and to conduct yourself in accordance with the DeviantArt Etiquette Policy.You are responsible for all of Your Content you upload, download, and otherwise copy, distribute and display using the Service. You must have the legal right to copy, distribute and display all parts of any content that you upload, download and otherwise copy, distribute and display. Content provided to you by others, or made available through websites, magazines, books and other sources, are protected by copyright and should not be uploaded, downloaded, or otherwise copied, distributed or displayed without the consent of the copyright owner or as otherwise permitted by law. Please refer to DeviantArt's Copyright Policy for further details.

You agree not to use the Service:

1. for any unlawful purposes;
2. to upload, post, or otherwise transmit any public and shared content (content which you offer for free) that is pornographic, obscene, offensive, blasphemous, unlawful, threatening, menacing, abusive, harmful, an invasion of privacy or publicity rights, defamatory, libelous, vulgar, illegal or otherwise objectionable;
3. to upload, post, or otherwise transmit any subscription or paid content featuring pornographic material of real people, which offers sexual services, which glorifies sexual violence, fringe sexual fetish creations, fetish creations that are hard to distinguish from non-consensual sex, or that is obscene, offensive, blasphemous, unlawful, threatening, menacing, abusive, harmful, an invasion of privacy or publicity rights, defamatory, libelous, vulgar, illegal or otherwise objectionable;
4. to harm minors in any way, including, but not limited to, uploading, posting, or otherwise transmitting content that violates child pornography laws, child sexual exploitation laws or laws prohibiting the depiction of minors engaged in sexual conduct, or submitting any personally
identifiable information about any child under the age of 13;
5. to forge headers or otherwise manipulate identifiers in order to disguise the origin of any Content transmitted through the Service;
6. to upload, post, or otherwise transmit any material which is likely to cause harm to DeviantArt or anyone else's computer systems, including but not limited to that which contains any virus, code, worm, data or other files or programs designed to damage or allow unauthorized access to the Service which may cause any defect, error, malfunction or corruption to the Service;
7. for any commercial purpose, except as expressly permitted under these Terms;
8. to sell access to the Service on any other website or to use the Service on another website for the primary purpose of gaining advertising or subscription revenue other than a personal blog or social network where the primary purpose is to display content from DeviantArt by hyperlink and not to compete with DeviantArt.

## 19A. Commercial Activities

Commercial activities mean the offering, solicitation or sale of goods or services by anyone other than DeviantArt. Commercial activities with respect to the arts are permitted for registered members acting as individuals, for small corporations or partnerships engaged primarily in art-related activities in which one or more of the principals is a registered member or for those seeking to retain the services or works of a registered member. Commercial activities in the form of paid advertising on the Service are subject to the terms and conditions relating to the purchase of such advertising. No other commercial activities are permitted on or through the Service without DeviantArt's written approval. Any interactions with members of the Service with respect to commercial activities including payment for and delivery of goods and/or services and any terms related to the commercial activities including conditions, warranties or representations and so forth are solely between you and the other member. Paragraph 9, above, of these Terms of Service specifically applies with respect to commercial activities.

## 19B. Groups

As a registered member of the Service, you will also be able to participate as an administrator or member of a "Group" which is a set of user pages and applications formed for the purpose of collecting content, discussions and organizing members of the site with common interests. Further information about Groups can be found in our Etiquette Policy.

1. You agree to participate in a Group on the basis of its own rules consistent
with these Terms of Service, the conduct set out in paragraph 19, above, and such other rules created by us for Groups from time to time including with respect to the use of Groups for commercial activities.
2. As an administrator or participant in a Group you acquire no ownership rights over the Group, the Group applications provided by us or over the right to conduct the activities of the Group.
3. Any Content or Artists Materials submitted to a Group remain, as between the Group and the user submitting such content, the property of the person who submitted the content.
4. Groups are managed by registered members of the Service and not by us. We are not responsible for the conduct of Group participants or administrators and will not interfere with the management or society of any specific Group or the rules it establishes for itself as long as they are consistent with these Terms of Service and our policies.
5. Groups may not be used to collect personal data about participants in Groups without the participant's express permission.
6. The Group application permits us to take appropriate action should intervention become necessary as a result of a violation of the Terms of Service or of any other of our policies. We can remove a Group and the Group's privileges at any time at our discretion.
7. The use in a Group name of trademarks or distinctive trade names of properties, goods or services is subject to objections from the owner of the marks and names. DeviantArt will respond to such objections by requiring an appropriate change in the name of the Group. The use of trademarks and trade names in Group names otherwise must be descriptive of Group activity or purpose. To avoid confusion and animosity, Groups wishing to name themselves after trademarked properties must include a further description in its name of the type of Group it expects to be such as "Master Photoshop Tutorials" instead of simply "Photoshop."

## 20. Suspension and Termination of Access and Membership

You agree that DeviantArt may at any time, and without notice, suspend or terminate any part of the Service, or refuse to fulfill any order, or any part of any order or terminate your membership and delete any Content stored on the DeviantArt Site, in DeviantArt's sole discretion, if you fail to comply with the Terms or applicable law.

## 21. Product Purchases from the DeviantArt Shop

DeviantArt users may make certain products available for purchase through the

DeviantArt Shop. For example, you may have the opportunity to purchase or commission "Digital Artwork" that a registered member has listed for sale through the Shop.

All payments are to be made in US dollars and prices are subject to change at any time.

Any purchase made via the Shop is between the user and the purchaser only. DeviantArt only provides the platform in which such purchase is available, but in any event will not be responsible for the purchased item, its quality, terms, price etc.

Before making a purchase, we advise you to review the listing and specifications to make sure they fit your needs and are acceptable by you.

## 22. Cryptocurrency

DeviantArt enables cryptocurrency payments and earnings withdrawals via a Third Party Software blockchain/cryptocurrency payment processor ("Cryptocurrency Payment Services").

You acknowledge and agree that regardless of the manner in which such Cryptocurrency Payment Services may be offered to you, DeviantArt merely acts as an intermediary platform between you and the applicable Cryptocurrency Payment Services provider, and shall not be in any way responsible or liable with respect to any services provided by such Cryptocurrency Payment Services provider.

Any and all use of Cryptocurrency Payment Services shall be done solely at your own risk and responsibility, and may be subject to certain legal and financial terms which govern Cryptocurrency Payment Services, which you are encouraged to review and understand before using such services. Additionally, the use of Cryptocurrency Payment Services is subject to the applicable terms of use of the Cryptocurrency Payment Services provider, including but not limited to the lists of prohibited items and businesses not supported by such provider. In the case of BitPay, your use of Cryptocurrency Payment Services is subject to BitPay's terms of use. Each Cryptocurrency Payment Services provider may support different cryptocurrencies, however DeviantArt has full discretion regarding which cryptocurrencies will be available through the Cryptocurrency Payment Services on the DeviantArt platform. Please avoid paying in unsupported cryptocurrencies, as doing so may result in loss of funds.

While we hope to avoid such instances, DeviantArt may, at any time and at its sole discretion, suspend, disable access to or remove Cryptocurrency Payment Services without any liability to you or to any third party.

You assume the volatility risk of the cryptocurrencies in which cryptocurrency
transactions occur.
Any refunds of cryptocurrency transactions are subject to DeviantArt's sole discretion.

## Services Fees

Your use of Cryptocurrency Payment Services is subject to certain fees and exchange rates ("Service Fees"), which may be modified from time to time. For more information, see here. The Service Fees shall be deducted from your DeviantArt Earnings Account. All Service Fees are non-refundable.

Certain transactions (e.g., underpayment and overpayment of cryptocurrency transactions) may be subject to additional fees by the Cryptocurrency Payment Services provider. In the case of BitPay, please refer to the following article for additional information.

## 23. DeviantArt Protect

DeviantArt enables you to use its DeviantArt Protect service (for qualifying images stored in Sta.sh or qualifying images submitted as deviations), in order to detect potential infringements of your images that you submitted or uploaded in the ways specified below. By using DeviantArt Protect, you agree and acknowledge the following:

1. The DeviantArt Protect service is limited to detecting potentially similar or near-identical images to your images identified on DeviantArt or various blockchains (for more details on the specific platforms scanned, see our updated list). There might be other similar images that we will not detect, and therefore, we encourage you to keep track of existing works on different platforms.
2. To use DeviantArt Protect, you will need to open an account with DeviantArt, and agree to these terms and to the DeviantArt general privacy policy.
3. For images eligible for the DeviantArt Protect service, when a potential infringement is identified, we will send you a notice via email or via platform notification, of any potential similar image found. Upon receiving such a notice, you may choose if you wish to take action regarding such images or not (for example, by filing a DMCA takedown notice).
4. We will not cause or initiate any legal procedures with respect to the similar images. If you believe that one of our results is infringing upon your image, we encourage you to enter the relevant platform, and submit a takedown notice independently. DeviantArt will not be responsible, in any event, for such procedures. All results are indicating some similarity, but in no event will we determine or suggest if such work is indeed
infringing or not.
5. DeviantArt Protect for images uploaded to Sta.sh:

You can upload up to 10 images and up to 2GB for free coverage by the DeviantArt Protect service. To receive coverage of the DeviantArt Protect service for any additional images, you will need to upgrade for a relevant Core Membership. Find out more about our membership, pricing, storage and plans here.
6. DeviantArt Protect for images published on DeviantArt as deviations: For Core Members, we provide the DeviantArt Protect service for all images published as deviations. For non-Core users, we offer the DeviantArt Protect service for 90 days as of the day when the image was submitted as a deviation.

## 24. Data Scraping \& Machine Learning Activities

DeviantArt is a community of creators that invests significant time and resources to protect its users and foster a cooperative and collaborative environment. Out of respect for its users' choices, DeviantArt has developed clear directives to communicate when its users do not consent to their Content being downloaded and used by third parties for the purposes of developing or operating artificial intelligence or other machine learning systems ("Artificial Intelligence Purposes"). Unless you actively give your consent, for Artificial Intelligence Purposes, DeviantArt will include a robots meta tag with the "noai" or "noimageai" directive in the head section of the HTML page associated with that Content on the Site, and will include an X-Robots-Tag HTTP response header with the "noai" directive when media files associated with that Content are downloaded from the Service. DeviantArt encourages adoption of these directives across other creative platforms, so that creators are able to share their artistic creations with online audiences without fear of losing control of their own works.

DeviantArt expects all users accessing the Service or the Site to respect creators' choices about the acceptable use of their Content, including for Artificial Intelligence Purposes. When a DeviantArt user does not consent to third party use of their Content for Artificial Intelligence Purposes, other users of the Service and third parties accessing the Site are prohibited from using such Content (labeled as "noai" and/or "noimageai") (i) to train an artificial intelligence system, (ii) as input into any previously trained artificial intelligence system, or (iii) to make available any derivative copy unless usage of that copy is subject to conditions at least as restrictive as those set out here. Automated systems or users that fail to respect these choices will be considered to have breached these Terms.

DeviantArt provides no guarantees that "noai" or "noimageai" directives will be present each time Content is accessed, even if the creator does not consent to
use of that Content for Artificial Intelligence Purposes; and absence of such directives does not imply creator consent has been granted.

Users acknowledge that by uploading Content to DeviantArt, third-parties may scrape or otherwise use their works without permission. DeviantArt provides no guarantees that third parties will not include certain Content in external data sources, or otherwise use a creator's work for Artificial Intelligence Purposes, even when such directives are present. By prohibiting such conduct, DeviantArt makes no guarantees that it will pursue each unauthorized use of the Service, and the owners of the works are responsible for policing their own works to the extent permitted by law.

## EXHIBIT N

## (DeviantArt Privacy Policy (Jan. 11, 2023))

## DeviantArt, Inc. Privacy Policy

Policy last updated: January 12, 2021
DeviantArt respects your privacy and is fully committed to protect your personal information and use it properly and in compliance with data privacy laws.

This Privacy Policy applies to our web sites, including www.deviantart.com, sta.sh, and our DeviantArt mobile applications (collectively, the "DeviantArt Sites" or "Sites"). This Privacy Policy explains what information we (together with our affiliated companies worldwide) collect and use pertaining to each of our Account holders and non-Account holders (such as Site visitors) through the Sites, how we use that information, and what choices you have with respect to the information we collect about you. The Sites and our services available via the Sites are collectively called the "Services".

Please take a few moments to read this Privacy Policy before you access or use the Services. By using or accessing the DeviantArt Sites, you acknowledge that you have read and fully understood this Privacy Policy and our Terms of Service and that they both apply to your use of the Services. If you do not read and fully understand this Privacy Policy, please do not use the Sites or Services. This Privacy Policy is not intended to override the terms of any contract you have with us, nor any rights you might have under applicable data privacy laws. Where you have read this policy but would like further clarification, please contact us at help@deviantart.com.

## 1. What information do we collect?

To provide you the Services, we may collect personal information relating to an identified or identifiable natural person ("Information").

We collect Information in order to provide, operate and improve our Sites and Services, to administer your use of the Site or Services (including your Account, as defined below), and to enable you to enjoy and easily navigate our Site and Services. Additionally, we collect your information, among other reasons stated below, to provide you with ongoing customer assistance and technical support, and to enhance our data security and fraud prevention capabilities.

### 1.1. Information you provide us:

When you register for our Services and create a DeviantArt account via the DeviantArt Sites (an "Account"), when you register for special services (e.g., the Print Program, Premium Content), sign up for e-mail newsletters and purchase
products or services, information you include in your communications with us, we collect certain information such as your name, age/ date of birth, postal address, telephone number, e-mail address, details regarding connected thirdparty accounts (such as the e-mail or username for a connected PayPal, Google or Facebook account), credit card information (if you use certain of our features and services).

If you create your Account using your login credentials from a third party site or service, we'll be able to access and collect your name and email address and other data that your privacy settings on that third party site or service permit us to access but we don't receive or store passwords for those third party sites and services.

Your Address Book. We may ask users for access to the address books on their mobile devices, so that we may connect Account holders, however we will not access your address book without your permission to do so.

### 1.2. Information collected through your use of the Site or Services.

When you are visiting or using our Site or Services, including when you browse the Site or a User Account, edit your Account and upload information and content, and/or download and use any Site feature or services, we are aware of it and will usually gather, collect and record such uses, sessions and related information, either independently or with the help of third-party services as detailed herein, including through the use of "cookies" and other tracking technologies, as further detailed in section 5 , below.

Our servers automatically collect and record certain information about how a person uses our Services (we refer to this information as "Log Data"), for both Account holders and non-Account holders (such as Site visitors) (both will be referred to as a "User"). Log Data may include information such as a User's Internet Protocol (IP) address, mobile device identifier, browser type, operating system, the pages or features of our Services to which a User browsed and the time spent on those pages or features, search terms, the links on our Services on which a User clicked, the friends of Account holders who also use the Services, purchases made by the User, how often Users click on our advertisements, which files are downloaded most frequently, and which areas of our Site are the most popular and other statistics. We also collect certain information that your mobile device sends when you use our Services, including user settings, the operating system, as well as information about your use of our Services. We use this information to administer the Services and we analyze (and may engage third parties to analyze) this information to further develop, improve and enhance the Services by expanding their features and functionality and tailoring them to our Users' needs and preferences, and to make recommendations.

### 1.3. Information we collect from other sources

If you create your Account using your login credentials from a third party site or service, we'll be able to access and collect your name and email address and other data that your privacy settings on that third party site or service permits us to access but we never receive or store passwords for those third party sites and services. We cannot delete or change any Information that is stored on third party sites and services.

In addition, We may receive information about you from third-party sources, such as (i) security providers, fraud detection and prevention providers to help us screen out Users associated with fraud, and (ii) advertising and marketing partners in order to monitor, manage and measure our ad campaigns.

## 2. How do we use such information?

2.1. We use your information for the following purposes: to provide and operate the Services; to enhance our data security and fraud prevention capabilities; To create aggregated statistical data and other aggregated and/or inferred information, which we may use to provide and improve our respective Services; to customize advertising and content available on the DeviantArt Sites, to send you service-related notices and promotional information about products and services that may be of interest to you and/or to conduct research for internal purposes; to help us in updating, expanding and analyzing our records to identify new Users; to facilitate, sponsor, and offer certain contests, events, and promotions, monitor performance, contact winners, and grant prizes and benefits; and to comply with any applicable laws and regulations.
2.2. We will only use your Information for the purposes set out in Section 2 where you give us your permission and/or we are satisfied that:
a. our use of your Information is necessary to perform a contract or take steps to enter into a contract with you (e.g. to provide you with Services, to provide you with our customer assistance and technical support), or
b. our use of your Information is necessary to comply with a relevant legal or regulatory obligation that we have, or
c. our use of your Information is necessary to support legitimate interests that we have as a business (for example, to maintain and improve our Services by identifying user trends and the effectiveness of our promotional campaigns and identifying technical issues), provided it is conducted at all times in a way that is proportionate, and that respects your privacy rights

## 3. How we share your information?

We may share your information with service providers and others (or otherwise allow them access to it) in the following manners and instances:
3.1. Third Party Service Providers: We may share Information as well as aggregated information that we collect with third party service providers whose services and solutions complement, facilitate and enhance our own. These include but are not limited to hosting and server co-location services, communications and content delivery networks (CDNs), data and cyber security services, billing and payment processing services, fraud detection and prevention services, industry analysis, web analytics, e-mail distribution and monitoring services, session recording and remote access services, performance measurement, data optimisation and marketing services, content providers, and our legal and financial advisors (collectively, "Third Party Services")
3.1.1. We may share information with Third Party Services for a business purpose such as identifiers, commercial information and other categories as listed in Section 1.
3.2. Information Disclosed for Our Protection and the Protection of Others. Where permitted by local data protection laws, we will disclose Information when required by law or under the good-faith belief that such disclosure is necessary in order to conform to applicable law, comply with subpoenas, court orders or legal process served on DeviantArt, to establish or exercise our legal rights or defend against legal claims, and to protect the property or interests of DeviantArt, its agents and employees, personal safety, or the public. Under these circumstances, DeviantArt may be prohibited by law, court order or other legal process from providing notice of the disclosure, and DeviantArt reserves the right under those conditions not to provide notice in its sole discretion.
3.3. Parent Companies, Subsidiaries and Affiliated Companies. We may share Information internally within our family of companies, for the purposes described in this Privacy Policy. For example, we may share your Information with Wix.com Inc., our U.S.-based parent company, or Wix.com Ltd., our Israel based parent company, in the course of facilitating and providing you with our Site or Services. In addition, should we, Wix or any of its affiliates undergo any change in control, including by means of merger, acquisition or purchase of substantially all of its assets, your Information may be shared with the parties involved in such event.
3.4. APIs. We offer APIs for use by third parties to access various features of our Services and content on our Sites. Some APIs will be used by third parties to access and use your Information with the third parties' services however, your Information will not be accessed and used by a third party API user without your consent. We also offer APIs to some of our third party service providers to assist with provision of services to us, such as, but not limited to, credit card processing and shipping fulfillment services, and those third party API users will access and use your Information only in order to provide services to us for you, as noted above under "Third Party Service Providers".
3.5. Information We Disclose with Your Consent or at Your Request. We will share your Information with third-party websites or platforms, such as social networking sites, if you have expressly requested that we do so.
3.6. Social Media Features and Framed Pages: Our Services include certain Social Media features and widgets, such as the "Facebook Like" button, the "Share this" button or other interactive mini-programs ("Social Media Features"). These Social Media Features may collect information such as your IP address or which page you are visiting on our Sites, and may set a cookie to enable them to function properly. Social Media Features are either hosted by a third party or hosted directly on our Services. Your interactions with these third parties' Social Media Features are governed by their policies and not ours.

For the avoidance of doubt, we may share your Information in manners other than as described above, pursuant to your explicit approval, or if we are legally obligated to do so.

## 4. Where do we store your information?

4.1. Information of Account holders and non-Account holders may be maintained, processed and stored by us and our authorized affiliates and service providers in the United States of America, in Europe (including in Ukraine), in Israel, and in other jurisdictions as necessary for the proper delivery of our Services and/or as may be required by law (as further explained below).
4.1.1 Jobs Applicants Information will be maintained, processed and stored in the United States and Israel, in the applied position's location(s).
4.1.2. Our parent company, Wix.com Ltd. is based in Israel, which is considered by the European Commission to be offering an adequate level of protection for the Information of EU Member State residents.
4.1.3. Our affiliates and service providers that store or process your Information on our behalf are each contractually committed to keep it protected and secured, in accordance with industry standards and regardless of any lesser legal requirements which may apply in their jurisdiction.
4.2. Transfer of EU Personal data : If you are located in Europe, when we will transfer your Personal Information to the United States or anywhere outside Europe, we will make sure that (i) there is a level of protection deemed adequate by the European Commission or (ii) that the relevant Model Standard Contractual Clauses are in place.DeviantArt participates in and has certified its compliance with the EU-U.S. Privacy Shield Framework and the Swiss-U.S. Privacy Shield Framework. We are committed to subjecting all Information received from European Union (EU) member countries and Switzerland,
respectively, in reliance on the Privacy Shield Framework, to the Framework's applicable Principles. To learn more about the Privacy Shield Framework, visit the U.S. Department of Commerce's Privacy Shield List, https://www.privacyshield.gov.

## 5. Use of Cookies and Similar Technologies

5.1. A cookie is a small file of letters and numbers downloaded on to your computer when you access certain websites. In general, cookies allow a website to recognize a user $\exists €^{T M} s$ computer. The most important thing to know about cookies placed by DeviantArt is that they make our website a bit more user-friendly, for example, by remembering site preferences and language settings.
5.2. Cookies should be divided in two types:
5.2.1. "First-party cookies" - Cookies that are placed by DeviantArt
5.2.2. "Third-party cookies" - Cookies that are placed and used by Third Party Service Providers
5.3. We also use other technologies with similar functionality to cookies, such as web beacons, pixels, and tracking URLs, to obtain Log Data (as described in the Privacy Policy). For example, our email messages may contain web beacons and tracking URLs to determine whether you have opened a certain message or accessed a certain link.
5.4. Duration: Depending on their function, Cookies may have different durations. There are session cookies and persistent cookies:
5.4.1. Session cookies only last for your online session. It means that the browser deletes these cookies once you close your browser
5.4.2. Persistent cookies stay on your device after the browser has been closed and last for the period of time specified in the cookie
5.5. Categories: The cookies used on our website fall into one of four categories: Essential, Analytics, Functional and Marketing.
5.5.1. Essential Cookies let you move around the website and use essential features like secure and private areas.
5.5.2. Analytics cookies let us understand how you use our website (e.g. which pages you visit and if you experience any errors). These cookies are essential to us being able to enhance and maintain our platform.
5.5.3. Functional cookies are cookies used to remember choices users make to
improve their experience.
5.5.4. Marketing cookies are used to collect information about the impact of our marketing campaigns performed in other website on users and non-users. These cookies are only used on DeviantArt owned sites under *deviantart.com

Please check out the table below to receive information about the type, categories, purpose and duration of cookies placed by DeviantArt and Third Party Service Providers

| Type | Name | Purpose | Duration |  |
| :---: | :---: | :---: | :---: | :---: |
| Cookie | auth | Identify logged users | 1 month | Essential |
| Cookie | auth_secure | Security | never | Essential |
| Cookie | userinfo | Identify logged users | 1 month | Essential |
| Cookie | td | image grid sizing for SSR (eclipse) | session | Essential |
| Cookie | tw | image grid sizing for SSR (green site) | 7 day | Essential |
| Cookie | hubtoken | websocket push messages | session | Essential |
| Cookie | tpc | Oauth login for stash | session | Essential |
| Cookie | vd | Used for Advertising | 1 month | Marketing |
| Local Storage | chatDB | Allow chat feature | persistent | Essential |
| Local Storage | console_dapi_recent, console_recent | Recently used endpoints list in API developer console | persistent | Analytics |
| Local Storage | custombox.recent.colors | Remembers colors used in custom boxes | persistent | Functional |
| Local Storage | FilmQuality | Allow the use of player settings | persistent | Essential |
| Local Storage | statusUpdateSubmitCounter | Number of status updates submitted via eclipse | persistent | Functional |
| Local Storage | intents, intents_other | List of signup intents selected by user | persistent | Essential |

Third Party Cookies:

| Type | Name | Third party | Purpose |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Beacon and Cookie | _pxhd | PerimeterX <br> (https://www.perimeterx.com/legal /privacy/) | Security | 1y | Essential |
| Beacon and Cookie | _ga, _gat, _gid, _utm* | Google <br> Analytics(https://policies.google.com /privacy?hl=en-US) | Analytics | 2 y | Analytics |


| Type | Name | Third party | Purpose | Duration |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Beacon and Cookie | r/collect | Google Doubleclick Ads (through Google <br> Analytics)https://policies.google.com /privacy?hl=en-US | Analytics | session | Marketing |
| Beacon and Cookie | large number, varies | Google Doubleclick Ads and other Ads networks https://policies.google.com /privacy?hl=en-US | Advertising | varies | Marketing |
| Beacon and Cookie | JSESSIONID | New Relic (https://newrelic.com /termsandconditions/privacy) | System Monitoring | session | Essential |
| Script <br> and Cookie | TS\#, XSRF-TOKEN | Wix.com https://www.wix.com /about/privacy | Security | session | Essential |
| Script and Cookie | frog.wix.com | Wix.com https://www.wix.com /about/privacy | Identify logged users | persistent | Essential |
| Script and Cookie | fed ,fedops.logger.sessionld | Wix.com https://www.wix.com /about/privacy | System monitoring | persistent | Essential |
| Local Storage | debug, debugpanelheight, debugpanel-tab, debugpanel-visible | Wix.com https://www.wix.com /about/privacy | System Monitoring | persistent | Essential |
| Local Storage | firebase:host:wix-engage-visitors-prod-27.firebaseio.com | Wix.com | Allow the Chat feature | persistent | Essential |
| Your Choices |  |  |  |  |  |
| You can change your cookie settings by clicking this link. |  |  |  |  |  |
| Alternatively, it is also possible to stop your browser from accepting cookies altogether by changing your browser's cookie settings. You can usually find these settings in the "options" or "preferences" menu of your browser. |  |  |  |  |  |
| Please note that deleting our cookies or disabling future cookies or tracking technologies may prevent you from accessing certain areas or features of our Services or may otherwise adversely affect your user experience. |  |  |  |  |  |

## 6. Communications:

6.1. Promotional Messages: We may use your Information to send you promotional content and messages by e-mail, text messages, notifications within our platform, marketing calls and similar forms of communication from DeviantArt or our partners (acting on our behalf) through such means. If you do not wish to receive such promotional messages or calls, you may notify DeviantArt at any time or follow the "unsubscribe" or STOP instructions
contained in the promotional communications you receive.
6.2. Service and Billing Messages: We may also contact you with important information regarding our Services, or your use thereof. For example, we may send you a notice (through any of the means available to us) if a certain Service is temporarily suspended for maintenance; reply to your support ticket or e-mail; send you reminders or warnings regarding upcoming or late payments for your current or upcoming subscriptions; forward abuse complaints regarding your Account; or notify you of material changes in our Services.

It is important that you are always able to receive such messages. For this reason, you are not be able to opt-out of receiving such Service and Billing Messages unless you are no longer a DeviantArt User (which can be done by deactivating your Account).

## 7. Your rights in relation to your information

7.1. It is imperative that you will have control over your Information. That is the reason why we are taking reasonable steps in order to enable you to access, receive a copy of, update, amend, delete, or limit the use of your Information.
7.2. We may ask you for additional information to confirm your identity and for security purposes, before disclosing the requested data to you. We reserve the right to charge a fee where permitted by law, for instance if your request is manifestly unfounded or excessive.
7.3. You have the right to lodge a complaint with your local supervisory authority for data protection (but we still recommend you to contact us first).
7.4. For all DeviantArt Users, if you may review and amend your Information by logging in and navigating to your Settings page on the website. Once there, you may modify information that is incorrect and delete certain information from your profile. You can also change your permission settings for us to send you e-mail newsletters.
7.5. For all DeviantArt Users, if you wish to retrieve your DeviantArt Account data or permanently delete your DeviantArt data, please follow the instructions provided in the following article: https://www.deviantart.com/settings/gdpr/.
7.6. In addition, feel free to contact us online, or mail your request (see Section 15). We will make all reasonable efforts to honor your request promptly (unless we require further information from you in order to fulfil your request), subject to legal and other permissible considerations.
7.6.1. Please note that permanently deleting your Account erases all of your information from our databases. After completing this process, you can no
longer use any of your Services, your Account and all its data will be removed permanently, and we will not be able to restore your Account or retrieve your data in the future. If you contact DeviantArt Support in the future, the system will not recognize your Account and support agents will not be able to locate the deleted Account.

## 8. Additional Information for California residents

8.1. If you are a California resident using the Services, the California Consumer Privacy Act ( "CCPA ") may provide you the right to request access to and deletion of your information.
8.2. In order to exercise the right to request access to and deletion of your Information, please see the information on the section 7, above.
8.3. DeviantArt does not sell user Information to third parties for the intents and purposes of the CCPA.
8.4. Users of the Services who are California residents and under 18 years of age may request and obtain removal of content they posted by emailing us at [help@deviantart.com](mailto:help@deviantart.com). All requests must be labeled "California Removal Request " on the email subject line. All requests must provide a description of the content you want removed and information reasonably sufficient to permit us to locate that content. We do not accept California Removal Requests via postal mail, telephone, or facsimile. We are not responsible for notices that are not labeled or sent properly, and we may not be able to respond if you do not provide adequate information. Please note that your request does not ensure complete or comprehensive removal of the material. For example, materials that you have posted may be republished or reposted by another user or third party.

## 9. Data Retention

We may retain your Information for as long as your Account is active, as indicated in this Privacy Policy or as otherwise needed to provide you with our Services.

We may continue to retain such Information even after you deactivate your Account and/or cease to use any particular Services, as reasonably necessary to comply with our legal obligations, to resolve disputes regarding our Users, prevent fraud and abuse, enforce our agreements and/or protect our legitimate interests. Where your Information is no longer required, we will ensure it is
securely deleted.

## 10. Security

10.1. We have implemented security measures designed to protect the Information you share with us, including physical, electronic and procedural measures. Among other things, we offer HTTPS secure access to most areas on our Services; the transmission of sensitive payment information (such as a credit card number) through our designated purchase forms is protected by an industry standard SSL/TLS encrypted connection; and we regularly maintain a PCI DSS (Payment Card Industry Data Security Standards) certification. We also regularly monitor our systems for possible vulnerabilities and attacks, and regularly seek new ways and Third Party Services for further enhancing the security of our Services and protection of our visitors' and Users' privacy.
10.2. Regardless of the measures and efforts taken by us, we cannot and do not guarantee the absolute protection and security of your Information, or any other content you upload, publish or otherwise share with us or anyone else. We therefore encourage you to set strong passwords for your User Account, and avoid providing us or anyone with any sensitive information which you believe its disclosure could cause you substantial or irreparable harm.
10.3. If you have any questions regarding the security of our Services, you are more than welcome to contact us at security-report@deviantart.com.

## 11. Third-Party Websites

Our Services may contain links to other websites or services. We are not responsible for such websites $\mathfrak{A} €^{\text {TM }}$ or services $a €^{\text {TM }}$ privacy practices. We encourage you to be aware when you leave our Services and to read the privacy statements of each and every website and service you visit before providing your information. This Privacy Policy does not apply to such linked third party websites and services which are subject only to the third party policies.

## 12. Your Profile Page

12.1. Please note that when you create an Account, your profile page will display your Account user name and certain statistics regarding your own use of the Services, including but not limited to, the date you became an Account holder, the categories of materials you posted and how long ago you last visited the Sites. It will also display information about the Account holders who visit your profile page including the names of those Account holders who follow you
(if the Account holder has permitted such display), and the number of visitors to, and views of your profile page or pages containing content you have submitted.
12.2. Any information or content that you post to your profile page, or to any Groups which you are a part of, chat rooms or forums will be publicly accessible by Users so please exercise your good judgment before you post. The name you choose when creating your Account is visible to all Users of the Services. If you visit another Account holder's profile page, your user name will appear on that page. DeviantArt does not control, and is not responsible for, the use of any information or content that you have exposed to the public through your use of the Services. You may use the tools we make available via the Services to make decisions about what information about you, including Information, will be visible on your profile page and on the profile pages of other Account holders that you visit. Please note accounts can be created either by individuals or companies. Note that in some cases, we may not be able to remove your Information from such areas.

## 13. Questions and Complaints

13.1. If you have any questions or concerns about our collection, use or disclosure of information, or if you believe that we have not complied with this Privacy Policy or applicable data protection laws, please contact us $\ddagger €^{\prime \prime}$ our details are set out at the end of this Privacy Policy.
13.2. Our Data Protection Officer team will investigate the complaint and determine whether a breach has occurred and what action, if any, to take. We take every privacy complaint seriously and will make all reasonable efforts to resolve your complaint promptly and in accordance with applicable law.

## 14. Updates and Interpretation

14.1. We may update this Privacy Policy as required by applicable law, and to reflect changes to our information collection, usage and storage practices. In relation to any updated Privacy Policy, we will, as required by applicable law, notify you, seek your consent and/or take any other measures. We encourage you to periodically review this page for the latest information on our privacy practices.
14.2. Any heading, caption or section title contained herein, and any explanation is provided only for convenience, and in no way defines or explains any section or provision hereof, or legally binds any of us in any way

## 15. Contacting Us

If you have questions about this Privacy Policy or our policies or wish to exercise any of your rights as described, please contact our DPO team at:

DeviantArt, Inc.
7111 Santa Monica Blvd, Ste B, PO Box 230
West Hollywood, CA 90046
Email: help@deviantart.com
For the purposes of GDPR (Article 27), you may contact our EU representative at:
Wix Online Platforms Limited
1 Grant's Row
Dublin 2 D02HX96, Ireland

## United States District Court

Sarah Andersen, an individual; Kelly McKernan, an individual; Karla Ortiz, an individual;
H. Southworth pka Hawke Southworth, an individual; Grzegorz Rutkowski, an individual; Gregory Manchess, an individual; Gerald Brom, an individual; Jingna Zhang, an individual; Julia Kaye, an individual; Adam Ellis, an individual;
)
)
)
)
for the
Northern District of California

Stability AI Ltd., a UK corporation;
Stability AI, Inc., a Delaware corporation;
DeviantArt, Inc., a Delaware corporation;
)

Midjourney, Inc., a Delaware corporation;
Runway AI, Inc., a Delaware corporation;
Defendant(s)

Civil Action No. 3:23-cv-00201-WHO

## SUMMONS IN A CIVIL ACTION

To: (Defendant's name and address) Runway AI, Inc.
79 Walker St, Floor 5
New York, NY 10013

A lawsuit has been filed against you.
Within 21 days after service of this summons on you (not counting the day you received it) - or 60 days if you are the United States or a United States agency, or an officer or employee of the United States described in Fed. R. Civ. P. 12 (a)(2) or (3) - you must serve on the plaintiff an answer to the attached complaint or a motion under Rule 12 of the Federal Rules of Civil Procedure. The answer or motion must be served on the plaintiff or plaintiff's attorney, whose name and address are: Joseph R. Saveri (State Bar No. 130064)

JOSEPH SAVERI LAW FIRM, LLP 601
California Street, Suite 1000
San Francisco, California 94108

If you fail to respond, judgment by default will be entered against you for the relief demanded in the complaint. You also must file your answer or motion with the court.

CLERK OF COURT

Date: $\qquad$

AO 440 (Rev. 06/12) Summons in a Civil Action (Page 2)
Civil Action No. 3:23-cv-00201-WHO

## PROOF OF SERVICE

(This section should not be filed with the court unless required by Fed. R. Civ. P. 4 (l))
This summons for (name of individual and title, if any)
was received by me on (date) $\qquad$ .

I I personally served the summons on the individual at (place)
on (date) $\qquad$ ; or
$\square$ I left the summons at the individual's residence or usual place of abode with (name)
$\qquad$ , a person of suitable age and discretion who resides there, on (date) $\qquad$ , and mailed a copy to the individual's last known address; or
$\square$ I served the summons on (name of individual) $\qquad$ , who is designated by law to accept service of process on behalf of (name of organization)
$\qquad$ $\square$ Other (specify):

My fees are \$ $\qquad$ for travel and \$ $\qquad$ for services, for a total of \$ $\qquad$ .

I declare under penalty of perjury that this information is true.

Date: $\qquad$
Server's signature
Printed name and title

Printed name and title

Additional information regarding attempted service, etc:


[^0]:    ${ }^{1}$ Narratives Podcast, Sept 2022 (https://narrativespodcast.com/2022/09/19/112-emad-mostaque-ai-alignment-and-stable-diffusion/)
    ${ }^{2}$ https://discord.com/channels/729741769192767510/730095596861521970/1008530914525061190
    Case No. 3:23-cv-00201-WHO

[^1]:    ${ }^{3}$ https://thaeyne.com/2022/12/11/image-in-the-style-of-kelly-mckernan-1/

[^2]:    ${ }^{4}$ Ms. Ortiz registered these copyrights after the initial complaint in this action was filed. She does not seek to assert copyright-infringement claims against Stability, Midjourney, or DeviantArt.

[^3]:    ${ }^{5} \mathrm{https}: / /$ arxiv.org/abs/2111.02114
    ${ }^{6} \mathrm{https}: / / \mathrm{github} . c o m /$ rom1504/img2dataset
    Case No. 3:23-cv-00201-WHO

[^4]:    ${ }^{7}$ https://discord.com/channels/662267976984297473/938713143759216720/954674533942591510
    ${ }^{8}$ https://twitter.com/EMostaque/status/1559332564787240962
    ${ }^{9}$ https://twitter.com/EMostaque/status/1629516125150011394
    ${ }^{10}$ https://arxiv.org/abs/2210.08402
    Case No. 3:23-cv-00201-WHO

[^5]:    ${ }^{11}$ https://github.com/rom1504/img2dataset

[^6]:    ${ }^{12}$ https://huggingface.co/laion/CLIP-ViT-H-14-laion2B-s32B-b79K

[^7]:    ${ }^{13}$ @EMostaque, Twitter (Dec. 15, 2022, 8:03 AM), https://twitter.com/EMostaque/status/1603390169192833027.

[^8]:    ${ }^{14}$ https://youtu.be/uoCJun7gkbA?t=3578
    ${ }^{15} \mathrm{https}: / /$ discord.com/channels/662267976984297473/938713143759216720/982136076888068156
    ${ }^{16}$ https://arxiv.org/abs/1503.03585
    Case No. 3:23-cv-00201-WHO

[^9]:    ${ }^{17}$ Noising \& denoising illustrations from https://stable-diffusion-art.com/how-stable-diffusionwork/\#How_training_is_done

[^10]:    18 "Extracting Training Data from Diffusion Models," p. 12, available at https://arxiv.org/abs/2301.13188
    ${ }^{19}$ Available from https://arxiv.org/abs/2006.11239
    Case No. 3:23-cv-00201-WHO 22

[^11]:    ${ }^{20}$ https://arxiv.org/abs/2112.10752
    ${ }^{21}$ https://arxiv.org/abs/2103.00020

[^12]:    ${ }^{22}$ https://twitter.com/fchollet/status/1563153087514419206
    ${ }^{23}$ https://arxiv.org/abs/2311.13110
    Case No. 3:23-cv-00201-WHO

[^13]:    ${ }^{24}$ https://stability.ai/blog/stable-diffusion-public-release
    ${ }^{25}$ https://narrativespodcast.com/2022/09/19/112-emad-mostaque-ai-alignment-and-stable-diffusion/

[^14]:    ${ }^{26} \mathrm{https}: / /$ www.youtube.com/watch? $?=$ =jgTv2W0mUP0
    ${ }^{27} \mathrm{https}: / /$ sarahguo.com/blog/emadmostaque
    ${ }^{28} \mathrm{https}: / /$ www.zdnet.com/article/why-open-source-is-essential-to-allaying-ai-fears-according-to-stability-aifounder/
    ${ }^{29} \mathrm{https}: / /$ arxiv.org/abs/2301.13188

[^15]:    ${ }^{30}$ https://twitter.com/fchollet/status/1600230516934209536

[^16]:    ${ }^{31}$ https://arxiv.org/abs/2305.08694

[^17]:    ${ }^{32}$ https://arxiv.org/pdf/2307.04028.pdf.
    Case No. 3:23-cv-00201-WHO

[^18]:    ${ }^{33}$ https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4543807
    ${ }^{34}$ https://github.com/Stability-AI/stablediffusion

[^19]:    ${ }^{35}$ See "Greg Rutkowski Was Removed From Stable Diffusion, But AI Artists Brought Him Back," https://decrypt.co/150575/greg-rutkowski-removed-from-stable-diffusion-but-brought-back-by-ai-artists

[^20]:    ${ }^{36}$ https://clipdrop.co/stable-diffusion-reimagine

[^21]:    ${ }^{37}$ https://discord.com/channels/662267976984297473/952771221915840552/1064031587735445546
    ${ }^{38}$ https://docs.midjourney.com/docs/image-prompts
    Case No. 3:23-cv-00201-WHO

[^22]:    ${ }^{39} \mathrm{https}$ ://weirdwonderfulai.art/resources/artist-styles-on-midjourney-v4/
    ${ }^{40} \mathrm{https}: / /$ weirdwonderfulai.art/resources/stable-diffusion-xl-sdxl-artist-study/ 41
    https://proximacentaurib.notion.site/e28a4f8d97724f14a784a538b8589e7d?v=42948fd8f45c4d47a0edfc4b78937474

[^23]:    ${ }^{42}$ See https://catalog.ngc.nvidia.com/orgs/nvidia/teams/ai-foundation/models/sdxl/overview
    Case No. 3:23-cv-00201-WHO 53

[^24]:    ${ }^{43}$ Combining https://discord.com/channels/662267976984297473/938713143759216720/941972360171520001, https://discord.com/channels/662267976984297473/938713143759216720/941972890520272906, and https://discord.com/channels/662267976984297473/938713143759216720/941976464704802836
    ${ }^{44}$ https://discord.com/channels/662267976984297473/938713143759216720/941987328828768256
    ${ }^{45}$ https://docs.google.com/spreadsheets/d/1MEglfejpqgVcaf-I-
    cgZ5ngV_MlaOTeGXAoBPJO69FM/edit\#gid=1096178862
    Case No. 3:23-cv-00201-WHO

[^25]:    ${ }^{46} \mathrm{https}: / /$ discord.com/channels/662267976984297473/938713143759216720/943315577018126408
    ${ }^{47}$ https://discord.com/channels/823813159592001537/912729332311556136/975894553225752626
    ${ }^{48}$ https://discord.com/channels/662267976984297473/959962985655320616/1001938136445751387
    Case No. 3:23-cv-00201-WHO 63

[^26]:    ${ }^{49}$ https://discord.com/channels/662267976984297473/958069758211797092/1038899058636501132
    ${ }^{50} \mathrm{https}: / /$ discord.com/channels/662267976984297473/992207085146222713/998451098534817883
    ${ }^{51}$ https://discord.com/channels/662267976984297473/992207085146222713/1082089794521268314

[^27]:    ${ }^{52}$ https://twitter.com/EMostaque/status/1629514395825983489

[^28]:    ${ }^{53}$ See https://github.com/CompVis/stable-diffusion
    ${ }^{54}$ See https://huggingface.co/CompVis/stable-diffusion-v1-4
    Case No. 3:23-cv-00201-WHO 83

[^29]:    ${ }^{55} \mathrm{https}: / /$ www.deviantartsupport.com/en/dreamup
    ${ }^{56}$ https://discord.com/channels/823813159592001537/1006139459860975716/1042539656396411004
    ${ }^{57}$ https://discord.com/channels/823813159592001537/1006139459860975716/1042543837425438804
    Case No. 3:23-cv-00201-WHO

[^30]:    style ram

