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12	SUPERIOR COURT OF CALIFORNIA					
13	CGC-24-612746					
14	IN AND FOR THE COUNTY OF SAN FRANCISCO					
15	ELON MUSK, an individual,	Case No.:				
16	Plaintiff,					
17	VS.	[UNLIMITED JURISDICTION]				
18	SAMUEL ALTMAN, an individual, GREGORY	COMPLAINT FOR (1) BREACH OF				
19	BROCKMAN, an individual, OPENAI, INC., a corporation, OPENAI, L.P., a limited	CONTRACT, (2) PROMISSORY ESTOPPEL, (3) BREACH OF FIDUCIARY				
	partnership, OPENAI, L.L.C., a limited liability	DUTY, (4) UNFAIR COMPETITION				
20	company, OPENAI GP, L.L.C., a limited liability company, OPENAI OPCO, LLC, a	UNDER CAL. BUS. & PROF. CODE §§ 17200 ET SEQ., AND (5) ACCOUNTING				
21	limited liability company, OPENAI GLOBAL,					
22	LLC, a limited liability company, OAI CORPORATION, LLC, a limited liability	DEMAND FOR JURY TRIAL				
23	company, OPENAI HOLDINGS, LLC, a limited liability company, and DOES 1 through 100,					
24	inclusive,					
25	Defendants.					
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COMPLAINT

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another paradigm shift was already underway: value creation through artificial intelligence (AI). Early AI programs were capable of outperforming humans in certain discrete tasks. Almost immediately after the invention of the programmable computer, AI could show super-human performance on a highly formalized problem like finding the fastest path through a network of roads. It took longer for AI to reach superiority for problems requiring more creativity. In 1996, IBM's Deep Blue AI program beat Gary Kasparov, the then-world champion in chess. These programs, while useful, were essentially one-trick-ponies—their intelligence was not general. Deep Blue had massive arrays of processors that could only play chess. Algorithms for path finding could solve a maze or route a car, but they could not paint a painting.

- Starting in the late 2000s and early 2010s, an older algorithm called "deep learning" 16. became practical to implement on low-cost hardware for the first time. This caused an almost overnight revolution in performance across nearly all AI projects. New, top of class algorithms were developed for turning speech into text, translating between languages, and recognizing what kind of food is shown in a photo. One of the hallmarks of deep learning is that algorithms do not need to be designed with significant knowledge of the task at hand. They learn each task from training examples, essentially programming themselves. This means that they are far more general-purpose than earlier systems like Deep Blue.
- 17. As deep learning algorithms became increasingly sophisticated, some of the world's leading AI researchers set their sights on what has come to be called Artificial General Intelligence (AGI). The basic concept of AGI is a general purpose artificial intelligence system—a machine having intelligence for a wide variety of tasks like a human.
- 18. Mr. Musk has long recognized that AGI poses a grave threat to humanity—perhaps the greatest existential threat we face today. His concerns mirrored those raised before him by luminaries like Stephen Hawking and Sun Microsystems founder Bill Joy. Our entire economy is based around the fact that humans work together and come up with the best solutions to a hard task. If a machine can solve nearly any task better than we can, that machine becomes more economically useful than we are. As Mr. Joy warned, with strong AGI, "the future doesn't need us." Mr. Musk

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publicly called for a variety of measures to address the dangers of AGI, from voluntary moratoria to regulation, but his calls largely fell on deaf ears.

- 19. But where some like Mr. Musk see an existential threat in AGI, others see AGI as a source of profit and power.
- 20. In 2014, Google acquired DeepMind, a research group focused on deep learning. One of DeepMind's initial developments was AlphaZero, a chess playing algorithm. Unlike previous algorithms, however, AlphaZero used "reinforcement learning," wherein the program learns to play chess by playing itself with different versions of the software. It starts by playing randomly, with no understanding of the game's strategy. When one version of the software wins a game against another, the winning program's internal pathways are "reinforced" and the process repeats.
- 21. AlphaZero rapidly became the strongest chess playing system in the world. Shockingly, it was also announced that the same program was also the strongest in the world for playing two other extremely difficult games. In Google/DeepMind's words, "Starting from random play, and given no domain knowledge except the game rules, AlphaZero achieved within 24 hours a superhuman level of play in the games of chess and shogi (Japanese chess) as well as Go, and convincingly defeated a world-champion program in each case."
- 22. With the DeepMind team, Google immediately catapulted to the front of the race for AGI. Mr. Musk was deeply troubled by this development. He believed (and still does) that in the hands of a closed, for-profit company like Google, AGI poses a particularly acute and noxious danger to humanity. In 2014, it was already difficult enough to compete with Google in its core businesses. Google had collected a uniquely large set of data from our searches, our emails, and nearly every book in our libraries. Nevertheless, up to this point, everyone had the potential to compete with Google through superior human intelligence and hard work. AGI would make competition nearly impossible.

B. The Founding Agreement Of OpenAI, Inc.

23. Mr. Altman purported to share Mr. Musk's concerns over the threat posed by AGI. In 2015, Mr. Altman wrote that the "[d]evelopment of superhuman machine intelligence (SMI) is

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probably the greatest threat to the continued existence of humanity. There are other threats that I think are more certain to happen . . . but are unlikely to destroy every human in the universe in the way that SMI could." Later that same year, Mr. Altman approached Mr. Musk with a proposal: that they join forces to form a non-profit AI lab that would try to catch up to Google in the race for AGI, but it would be the opposite of Google.

- 24. Together with Mr. Brockman, the three agreed that this new lab: (a) would be a nonprofit developing AGI for the benefit of humanity, not for a for-profit company seeking to maximize shareholder profits; and (b) would be open-source, balancing only countervailing safety considerations, and would not keep its technology closed and secret for proprietary commercial reasons (The "Founding Agreement"). Reflecting the Founding Agreement, Mr. Musk named this new AI lab "OpenAI," which would compete with, and serve as a vital counterbalance to, Google/DeepMind in the race for AGI, but would do so to benefit humanity, not the shareholders of a private, for-profit company (much less one of the largest technology companies in the world).
- 25. The Founding Agreement was also memorialized, among other places, in OpenAI, Inc.'s December 8, 2015 Certificate of Incorporation, which affirmed that its "resulting technology will benefit the public and the corporation will seek to open source technology for the public benefit when applicable. The corporation is not organized for the private gain of any person." Ex. 1 at 1. The Certificate of Incorporation further affirmed that all of the corporation's property was "irrevocably dedicated" to these agreed purposes. Id.
- 26. In reliance on the Founding Agreement, which Mr. Altman, Mr. Brockman, and OpenAI, Inc. reaffirmed with Mr. Musk on multiple occasions, Mr. Musk was a moving force behind the creation of OpenAI, Inc. contributing a majority of its funding in its first several years, advising on research directions, and most importantly, recruiting some of the world's leading scientists and engineers to work at the non-profit venture, including Chief Scientist Ilya Sutskever. Recruiting for OpenAI, Inc. was a Herculean task in the face of relentless recruiting efforts by Google/DeepMind, coupled with the lavish compensation Google/DeepMind offered. There would have been no OpenAI, Inc. without Mr. Musk's founding contributions and early leadership. Mr.

- 27. OpenAI's initial research was performed in the open, providing free and public access to designs, models, and code. When OpenAI, Inc. researchers discovered that an algorithm called "Transformers," initially invented by Google, could perform many natural language tasks without any explicit training, entire communities sprung up to enhance and extend the models released by OpenAI, Inc. These communities spread to open-source, grass-roots efforts and commercial entities alike.
- 28. Mr. Altman became OpenAI, Inc.'s CEO in 2019. On September 22, 2020, OpenAI entered into an agreement with Microsoft, exclusively licensing to Microsoft its Generative Pre-Trained Transformer (GPT)-3 language model. However, OpenAI published a detailed paper describing the internals and training data for GPT-3, enabling the community to create similar models themselves. And, most critically, the Microsoft license only applied to OpenAI's pre-AGI technology. Microsoft obtained no rights to AGI. And it was up to OpenAI, Inc.'s non-profit Board, not Microsoft, to determine when OpenAI attained AGI.

C. <u>The 2023 Breach Of The Founding Agreement</u>

- 29. In 2023, Defendants Mr. Altman, Mr. Brockman, and OpenAI set the Founding Agreement aflame.
- 30. In March 2023, OpenAI released its most powerful language model yet, GPT-4. GPT-4 is not just capable of reasoning. It is better at reasoning than average humans. It scored in the 90th percentile on the Uniform Bar Exam for lawyers. It scored in the 99th percentile on the GRE Verbal Assessment. It even scored a 77% on the Advanced Sommelier examination. At this time, Mr. Altman caused OpenAI to radically depart from its original mission and historical practice of making its technology and knowledge available to the public. GPT-4's internal design was kept and remains a complete secret except to OpenAI—and, on information and belief, Microsoft. There are no scientific publications describing the design of GPT-4. Instead, there are just press releases bragging about performance. On information and belief, this secrecy is primarily driven by commercial considerations, not safety. Although developed by OpenAI using contributions from

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31. Furthermore, on information and belief, GPT-4 is an AGI algorithm, and hence expressly outside the scope of Microsoft's September 2020 exclusive license with OpenAI. In this regard, Microsoft's own researchers have publicly stated that, "[g]iven the breadth and depth of GPT-4's capabilities, we believe that it could reasonably be viewed as an early (yet still incomplete) version of an artificial general intelligence (AGI) system." Moreover, on information and belief, OpenAI is currently developing a model known as Q* (Q star) that has an even stronger claim to AGI. As noted, Microsoft only has rights to certain of OpenAI's pre-AGI technology. But for purposes of the Microsoft license, it is up to OpenAI, Inc.'s Board to determine whether OpenAI has attained AGI, and a Board coup took place in November 2023. On November 17, 2023, OpenAI, Inc.'s Board fired Mr. Altman after losing "confidence in his ability to continue leading OpenAI" because "he was not consistently candid with the board." In a series of stunning developments spanning the next several days, Mr. Altman and Mr. Brockman, in concert with Microsoft, exploited Microsoft's significant leverage over OpenAI, Inc. and forced the resignation of a majority of OpenAI, Inc.'s Board members, including Chief Scientist Ilya Sutskever. Mr. Altman was reinstated as CEO of OpenAI, Inc. on November 21. On information and belief, the new Board members were hand-picked by Mr. Altman and blessed by Microsoft. The new Board members lack substantial AI expertise and, on information and belief, are ill equipped by design to make an independent determination of whether and when OpenAI has attained AGI—and hence when it has developed an algorithm that is outside the scope of Microsoft's license.

32. These events of 2023 constitute flagrant breaches of the Founding Agreement, which Defendants have essentially turned on its head. To this day, OpenAI, Inc.'s website continues to profess that its charter is to ensure that AGI "benefits all of humanity." In reality, however, OpenAI, Inc. has been transformed into a closed-source *de facto* subsidiary of the largest technology company in the world: Microsoft. Under its new Board, it is not just developing but is actually refining an AGI to maximize profits for Microsoft, rather than for the benefit of humanity. Its technology,

¹ Microsoft's market cap as of February 28, 2024 was \$3.03 trillion.

including GPT-4, is closed-source primarily to serve the proprietary commercial interests of Microsoft. Indeed, as the November 2023 drama was unfolding, Microsoft's CEO boasted that it would not matter "[i]f OpenAI disappeared tomorrow." He explained that "[w]e have all the IP rights and all the capability." "We have the people, we have the compute, we have the data, we have everything." "We are below them, above them, around them."

33. This case is filed to compel OpenAI to adhere to the Founding Agreement and return to its mission to develop AGI for the benefit of humanity, not to personally benefit the individual Defendants and the largest technology company in the world.

Detailed Allegations

A. Mr. Musk's Concerns Over AGI Falling Into The Wrong Hands

- 34. In 2012, Elon Musk met Demis Hassabis, the co-founder of DeepMind, a for-profit artificial intelligence company. On or about this time, Mr. Musk and Mr. Hassabis met at SpaceX's factory in Hawthorne, California where Mr. Musk and Mr. Hassabis discussed the greatest threats facing society. During this conversation, Mr. Hassabis emphasized the potential dangers that the advancement of AI presents to society.
- 35. Following this conversation with Mr. Hassabis, Mr. Musk became increasingly concerned about the potential of AI to become super-intelligent, surpass human intelligence, and threaten humanity. Indeed, Mr. Musk was not the only person afraid about the dangers of AI and the research being conducted at DeepMind. It has been reported that following a meeting with Mr. Hassabis and investors in DeepMind, one of the investors remarked that the best thing he could have done for the human race was shoot Mr. Hassabis then and there.
- 36. Mr. Musk began discussing AI and DeepMind with those in his orbit, such as Larry Page, then-CEO of Google's parent company Alphabet, Inc. Mr. Musk would frequently raise the dangers of AI in his conversations with Mr. Page, but to Mr. Musk's shock, Mr. Page was unconcerned. For example, in 2013, Mr. Musk had a passionate exchange with Mr. Page about the dangers of AI. He warned that unless safeguards were put in place, "artificial intelligence-systems might replace humans, making our species irrelevant or even extinct." Mr. Page responded that would merely "be the next stage of evolution," and claimed Mr. Musk was being a "specist"—that

- Mr. Musk and Mr. Nosek's effort was unsuccessful. It was reported in January 2014 that DeepMind would be acquired by Google. However, this did not deter Mr. Musk from continuing to ensure that AI was developed and practiced safely.
- 40. Following Google's acquisition of DeepMind, Mr. Musk began "hosting his own series of dinner discussions on ways to counter Google and promote AI safety." Mr. Musk also reached out to President Barack Obama to discuss AI and AI safety. In 2015, Mr. Musk and President Obama had a meeting during which Mr. Musk explained the dangers of AI and advocated for regulation. Mr. Musk felt that President Obama understood the dangers of AI, but regulation never came.
- 41. Despite these setbacks, Mr. Musk continued to advocate for safe AI practices. In 2015, it appeared that Mr. Musk may have found someone who understood his concerns about AI and his desire to keep the first AGI out of the hands of a private company like Google: Defendant Sam Altman.
- 42. At this time, Mr. Altman was the president of Y Combinator, a start-up accelerator in Silicon Valley. Before that, Mr. Altman had been involved in various startup ventures.

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- 43. Mr. Altman appeared to share Mr. Musk's concerns surrounding AI. In public blog posts dating back to 2014, Mr. Altman stated that AGI, if made, would "be the biggest development in technology ever." Mr. Altman pointed out that there are many companies making strides towards achieving AGI, but acknowledged the unfortunate reality that the "good ones are very secretive about it."
- 44. On February 25, 2015, Mr. Altman also expressed his concern surrounding the development of what he referred to as "superhuman machine intelligence" which he identified as "probably the greatest threat to the continued existence of humanity" and emphasized that "as a human programmed to survive and reproduce, I feel we should fight it." Further, Mr. Altman criticized those who believed that "superhuman machine intelligence" was dangerous but dismissed it as "never going to happen or definitely very far off." He accused them of engaging in "sloppy, dangerous thinking."
- 45. Indeed, in early March 2015, Mr. Altman extolled the importance of government regulation as a means to ensure AI is created safely and suggested that "a group of very smart people with a lot of resources" likely involving "US companies in some way" would be the most probable group to achieve "superhuman machine intelligence" first.
- 46. Later that month, Mr. Altman reached out to Mr. Musk to inquire whether he would be interested in drafting an open letter to the United States Government regarding AI. The two began preparing a letter and approaching those of influence in the technology and AI sectors about signing. It did not take long before those across the industry heard rumors of the letter.
- 47. For example, in April of 2015, Mr. Hassabis reached out to Mr. Musk stating that he had heard from multiple sources that Mr. Musk was drafting a letter addressed to the President calling for regulation of AI. Mr. Musk defended the idea of the regulation of AI to Mr. Hassabis, stating: "If done well, it may very well accelerate AI in the long term. Without the public comfort that regulatory oversight provides, there could very well be a situation where an AI causes great harm and thereafter AI research is banned as dangerous to public safety."
- 48. Five days after Mr. Hassabis reached out to Mr. Musk about the open letter regarding AI, Mr. Hassabis announced the first meeting of the Google DeepMind AI Ethics Board, a board

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that Google and DeepMind promised to establish two years earlier when Google acquired DeepMind. Mr. Musk was asked to be a member of the board and offered for the first meeting to be hosted at SpaceX in Hawthorne, California. It became clear to Mr. Musk after the first meeting that this board was not a serious endeavor, but was rather a façade to try to slow down any regulation of AI.

49. The Open Letter was later published on October 28, 2015, and signed by over eleven thousand individuals, including Mr. Musk, Stephen Hawking, and Steve Wozniak.

B. OpenAI, Inc.'s Founding Agreement

- 50. On May 25, 2015, Mr. Altman emailed Mr. Musk, writing that he had "[b]een thinking a lot about whether it's possible to stop humanity from developing AI. I think the answer is almost definitely not. If it's going to happen, it seems like it would be good for someone other than Google to do it first." Mr. Altman had an idea: that Y Combinator start a "Manhattan Project" for AI. (Unfortunately, it turns out that the "Manhattan Project" is a moniker that may be all too apt.) He proposed that "we could structure it so that the tech belongs to the world via some sort of nonprofit but the people working on it get startup-like compensation if it works. Obviously we'd comply with/aggressively support all regulation." Mr. Musk responded, "Probably worth a conversation."
- 51. After further communications, Mr. Altman emailed Mr. Musk on June 24, 2015 with a detailed proposal for this new "AI lab." "The mission would be to create the first general AI and use it for individual empowerment—ie, the distributed version of the future that seems the safest. More generally, safety should be a first-class requirement." "The technology would be owned by the foundation and used 'for the good of the world'[.]" He proposed that they start with a group of 7-10 people and expand from there. He also proposed a governance structure. Mr. Musk responded, "Agree on all." Ex. 2 at 1.
- 52. Soon thereafter, Mr. Altman began recruiting others to help with the development of the project. Notably, Mr. Altman approached Gregory Brockman to help with the project.
- 53. In November 2015, Mr. Altman put Mr. Brockman in communication with Mr. Musk via email. Regarding the project, Mr. Brockman told Mr. Musk, "I hope for us to enter the field as

for compensation and retaining talent.

56. On December 8, 2015, a Certificate of Incorporation for OpenAI, Inc. was filed with

the Delaware Secretary of State. The Certificate memorialized in writing the Founding Agreement:

THIRD: This Corporation shall be a nonprofit corporation organized exclusively for charitable and/or educational purposes within the meaning of section 501(c)(3) of the Internal Revenue Code of 1986, as amended, or the corresponding provision of any future United States Internal Revenue law. The specific purpose of this corporation is to provide funding for research, development and distribution of technology related to artificial intelligence. The resulting technology will benefit the public and the corporation will seek to open source technology for the public benefit when applicable. The corporation is not organized for the private gain of any person. . . .

FIFTH: The property of this corporation is irrevocably dedicated to the purposes in Article THREE hereof and no part of the net income or assets of this corporation shall ever inure to the benefit of any director, officer or member thereof or to the benefit of any private person. Upon the dissolution or winding up of this corporation, its assets remaining after payment, or provision for payment, of all debts and liabilities of this corporation shall be distributed to a nonprofit fund, foundation, or corporation which is organized and operated exclusively for charitable, educational and/or religious purposes and which has established its tax exempt status under Internal Revenue Code section 501(c)(3), or the corresponding section of any future federal tax code, or shall be distributed to the federal government, or to a state or local government, for a public purpose.

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57. OpenAI, Inc. was publicly announced on December 11, 2015. In the announcement, Mr. Musk and Mr. Altman were named as co-chairs and Mr. Brockman was named as the CTO. The announcement emphasized that OpenAI was designed to "benefit humanity," and its research would be "free from financial obligation":

OpenAI is a non-profit artificial intelligence research company. Our goal is to advance digital intelligence in the way that is most likely to benefit humanity as a whole, unconstrained by a need to generate financial return. Since our research is free from financial obligations, we can better focus on a positive human impact.

Ex. 3 at 1.

C. Mr. Musk's Crucial Role In Getting OpenAI, Inc. Off The Ground

- 58. In an email on the day of the public announcement, Mr. Musk wrote that "[o]ur most important consideration is recruitment of the best people." He pledged that helping with the recruiting effort would be his "absolute top priority 24/7." He acknowledged that "[w]e are outmanned and outgunned by a ridiculous margin by organizations you know well, but we have right on our side and that counts for a lot. I like the odds." Mr. Musk brought to bear his connections, stature and clout in the effort. The fact that OpenAI, Inc. was an Elon Musk-sponsored initiative, and that Mr. Musk served as co-chair, was instrumental to OpenAI, Inc.'s recruiting efforts, particularly in the face of Google/DeepMind's counter-recruiting. Without Mr. Musk's involvement and substantial supporting efforts and resources—his consideration for the Founding Agreement—it is highly likely that OpenAI, Inc. would never have gotten off the ground.
- 59. One of the most important initial hires was for the role of Chief Scientist. Mr. Altman, Mr. Brockman, and Mr. Musk all wanted Ilya Sutskever, then a research scientist at Google, in that role. Dr. Sutskever went back and forth on whether to leave Google and join the project, but it was ultimately a call from Mr. Musk on the day OpenAI, Inc. was publicly announced that convinced Dr. Sutskever to commit to joining the project as OpenAI, Inc.'s Chief Scientist.
- 60. Mr. Musk actively recruited for OpenAI, Inc. over the next several months. Google/DeepMind made increasingly lavish counter-offers to OpenAI, Inc. recruits in an attempt to kill the new venture. In late February, Mr. Musk emailed Mr. Brockman and Mr. Altman, reiterating that "[w]e need to do what it takes to get the top talent. Let's go higher. If, at some point, we need

to revisit what existing people are getting paid, that's fine. Either we get the best people in the world or we will get whipped by Deepmind. Whatever it takes to bring on ace talent is fin[e] by me. Deepmind is causing me extreme mental stress. If they win, it will be really bad news with their one mind to rule the world philosophy. They are obviously making major progress and well they should, given the talent level over there."

- 61. Mr. Musk was not just using his connections and clout to recruit on behalf of OpenAI, Inc. When he told Mr. Brockman and Mr. Altman to go "higher" in their offers and "do what it takes to get the top talent," he was the one funding those higher offers. In 2016 alone, Mr. Musk contributed over \$15 million dollars to OpenAI, Inc., more than any other donor. The funding he provided enabled OpenAI, Inc. to assemble a team of top talent. Similarly, in 2017, Mr. Musk contributed nearly \$20 million dollars to OpenAI, Inc., again, more than any other donor. All told, Mr. Musk contributed more than \$44 million to OpenAI, Inc. between 2016 and September 2020.
- 62. In addition, through Musk Industries LLC, Mr. Musk leased OpenAI, Inc.'s initial office space in the Pioneer Building in San Francisco and paid the monthly rental expenses. Mr. Musk regularly visited OpenAI, Inc., and was present for important company milestones, such as when the first DGX-1 AI supercomputer was donated to OpenAI, Inc. in 2016. Mr. Musk would receive updates on OpenAI, Inc.'s progress and would provide his feedback and advice.

D. Mr. Altman And Mr. Brockman Repeatedly Reaffirm The Founding Agreement

- 63. In 2017, Mr. Brockman and others suggested transforming OpenAI, Inc. from a non-profit to a for-profit corporation. After a series of communications over several weeks, Mr. Musk told Mr. Brockman, Dr. Sutskever, and Mr. Altman "[e]ither go do something on your own or continue with OpenAI as a nonprofit. I will no longer fund OpenAI until you have made a firm commitment to stay or I'm just being a fool who is essentially providing free funding to a startup. Discussions are over."
- 64. In response, Mr. Altman told Mr. Musk "[I] remain enthusiastic about the non-profit structure!" Ultimately, Mr. Brockman and Mr. Sustkever conveyed to Mr. Musk that they, too, were resolved to continuing the non-profit structure, and that they would spend the next year committed to fundraising to support the non-profit.

65. On February 21, 2018, Mr. Musk stepped down as a co-chair of OpenAI, Inc. Nevertheless, Mr. Musk continued making contributions to OpenAI, Inc. relying on, and in furtherance of, the Founding Agreement. For example, in 2018, Mr. Musk donated approximately \$3.5 million to OpenAI, Inc. He also continued receiving updates about OpenAI, Inc. from Mr. Brockman, Dr. Sutskever, and Mr. Altman.

- 66. In April 2018, Mr. Altman sent Mr. Musk a draft OpenAI Charter and solicited his feedback. The draft charter described OpenAI's mission as to ensure that AGI "benefits all of humanity." It stated, "We commit to use any influence we obtain over AGI's deployment to ensure it is used for the benefit of all, and to avoid enabling uses of AI or AGI that harm humanity or unduly concentrate power. Our primary fiduciary duty is to humanity. We anticipate needing to marshal substantial resources to fulfill our mission, but will always assiduously act to minimize conflicts of interest . . . that could compromise broad benefit."
- 67. On March 11, 2019, OpenAI, Inc. announced that it would be creating a for-profit subsidiary: OpenAI, L.P. Prospective investors were notified of an "important warning" at the top of the summary term sheet that the for-profit entity "exists to advance OpenAI Inc.'s [the non-profit's] mission of ensuring that safe artificial general intelligence is developed and benefits all of humanity. The General Partner's duty to this mission and the principles advanced in the OpenAI Inc. Charter take precedence over any obligation to generate a profit." Accordingly, investors were expressly advised that "[i]t would be wise to view any investment in OpenAI LP in the spirit of a donation."
- 68. Following the announcement, Mr. Musk reached out to Mr. Altman asking him to "be explicit that I have no financial interest in the for-profit arm of OpenAI." However, Mr. Musk continued to support OpenAI, Inc., the non-profit, donating an additional \$3.48 million in 2019.
- 69. On September 22, 2020, OpenAI announced that it exclusively licensed certain of its pre-AGI technology to Microsoft. Consistent with the Founding Agreement, OpenAI's website states that AGI, which it describes as "a highly autonomous system that outperforms humans at most economically valuable work" "is excluded from IP licenses and other commercial terms with

reinforcement learning to play a game. Instead of playing chess, however, OpenAI competed in

Dota 2, a strategy video game with far more moving pieces than chess. OpenAI's team quickly

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constructed a new model that beat the reigning world champion team, demonstrating "that self-play reinforcement learning can achieve superhuman performance on a difficult task."

- 78. Meanwhile, at Google, an algorithm called the Transformer was created that solved many of the issues deep learning had faced in understanding long sequences of text. This algorithm, an example of a "large-language model," was developed to translate text from one language to another and works by forming connections between words in the source language and mapping those connections to the target language.
- 79. Researchers at OpenAI continued this research and quickly produced yet another startling result: by using the first half of Google's Transformer architecture, a deep neural network could be pre-trained on a large corpus of text and used to generate new text. In January 2018, OpenAI released the source code and trained model for this Generative Pre-Trained Transformer (GPT) along with a detailed paper describing the model and its capabilities
- 80. In 2019, OpenAI released a second-generation model, GPT-2. The release was again accompanied by a detailed paper describing the model and noting that unlike previous models, which needed to be trained on a specific task, "[w]hen a large language model is trained on a sufficiently large and diverse dataset it is able to perform well across many domains and datasets." These models were proving themselves to be very different from previous AI systems. Instead of training the system to perform a particular task, they could be simply "asked" to perform a new task in natural language.
- 81. As contemplated by the Founding Agreement, OpenAI publicly released the full version of GPT-2. Notably, it did so despite the fact that "humans find GPT-2 outputs convincing," that "GPT-2 can be fine-tuned for misuse," and that "detection [of GPT generated text] is challenging." At the time, OpenAI stated that it was releasing the full, open version with the hope that it "will be useful to developers of future powerful models." This release was accompanied by a detailed paper co-authored by OpenAI scientists as well as independent social and technical scientists. This paper explained just some of the many benefits that came from releasing models publically as opposed to keeping them closed.

- 82. Their publication did prove to be useful to the developers of future, powerful models. Entire communities sprung up to enhance and extend the models released by OpenAI. These communities spread to open-source, grass-roots efforts and commercial entities alike.
- 83. In 2020, OpenAI announced a third version of its model, GPT-3. It used "175 billion parameters, 10x more than any previous non-sparse language model." Again, OpenAI announced the development of this model with the publication of a research paper describing its complete implementation for others to build on.
- 84. In 2022, researchers at Google took these results and showed that a small change called chain-of-thought prompting could enable "large language models to perform complex reasoning." Researchers at the University of Tokyo and Google quickly expanded on Google's results and showed that OpenAI's GPT-3 could reason about an entirely new problem in a step-by-step manner, like a human, "by simply adding 'Let's think step by step' before each answer."
- 85. A path to Artificial Generative Intelligence could be seen. And the timeline to it was dramatically compressing.
- 86. On March 14, 2023, OpenAI released a new generation of its model, GPT-4. This generation was not just capable of reasoning *but was better at reasoning than average humans*. GPT-4 scored in the 90th percentile on the Uniform Bar Exam. It scored in the 99th percentile on the GRE Verbal Assessment. It even scored a 77% on the Advanced Sommelier examination. By OpenAI's own objective measures, GPT-4 is already capable of intelligence that is superior to humans on a wide variety of economically valuable tasks.
- 87. This development was not lost on the research community. In a detailed analysis titled "Sparks of Artificial General Intelligence: Early experiments with GPT-4," Microsoft researchers note that "GPT-4 can solve novel and difficult tasks that span mathematics, coding, vision, medicine, law, psychology and more, without needing any special prompting. Moreover, in all of these tasks, GPT-4's performance is strikingly close to human-level performance, and often vastly surpasses prior models such as [GPT-3.5 based] ChatGPT."
- 88. They compared the performance of GPT-4 with the performance of GPT-3 based systems and found that "there is no comparison with the outputs from GPT-4." On mathematical

problems, they show that "[t]he solution given by GPT-4 is correct and the argument is sound, while ChatGPT [based on GPT-3] produces an incorrect solution which (in the case of a human) would reflect a lack of understanding of the concept of function inversion." On another example, they show that "GPT-4 gives a correct solution while ChatGPT begins by rearranging the terms without any clear direction or purpose, and ends up with an incorrect solution."

89. Microsoft's own scientists acknowledge that GPT-4 "attains a form of general intelligence" and that "[g]iven the breadth and depth of GPT-4's capabilities, we believe that it could reasonably be viewed as an early (yet still incomplete) version of an artificial general intelligence (AGI) system."

G. The Founding Agreement Is Breached In 2023

- 90. Having reached the threshold of AGI, which under the Founding Agreement they were to develop for the benefit of humanity rather than for any for-profit company or personal profit, Defendants instead radically departed from their mission in breach of the Founding Agreement. GPT-4 is an entirely closed model. The internal design of GPT-4 remains a secret and no code has been released. OpenAI has not published a paper describing any aspect of its internal design; it has simply issued press releases boasting about its performance. The internal details of GPT-4 are known only to OpenAI and, on information and belief, to Microsoft. GPT-4 is hence the opposite of "open AI." And it is closed for propriety commercial reasons: Microsoft stands to make a fortune selling GPT-4 to the public, which would not be possible if OpenAI—as it is required to do—makes the technology freely available to the public. Contrary to the Founding Agreement, Defendants have chosen to use GPT-4 not for the benefit of humanity, but as proprietary technology to maximize profits for literally the largest company in the world. Further, OpenAI's entire development is now veiled in secrecy and the public only has rumors and isolated fragments of communications to understand what may be released next.
- 91. Researchers have pointed out that one of the remaining limitations of GPT architecture-based AIs is that they generate their output a piece at a time and cannot "backtrack." These issues have been seen before in artificial intelligence research and have been largely solved for other applications. In path and maze finding, AI must be able to find the right path despite the

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existence of dead-ends along the way. The standard algorithm to perform this is called "A*" (pronounced A-star).

- 92. Reuters has reported that OpenAI is developing a secretive algorithm called Q*. While it is not clear what Q* is, Reuters has reported that several OpenAI staff members wrote a letter warning about the potential power of Q*. It appears Q* may now or in the future be a part of an even clearer and more striking example of artificial general intelligence that has been developed by OpenAI. As an AGI, it would be explicitly outside the scope of OpenAI's license with Microsoft, and must be made available for the benefit of the public at large.
- 93. For purposes of the license with Microsoft, OpenAI, Inc.'s Board determines whether OpenAI has attained AGI, and in a series of shocking developments described in more detail below, a majority of OpenAI, Inc.'s Board was forced to resign on November 22, 2023, and their replacements were, on information and belief, handpicked by Mr. Altman and Microsoft.
- 94. On November 17, 2023, OpenAI, Inc.'s Board dismissed Mr. Altman. OpenAI announced in a blog post that Mr. Altman had been fired and his "departure follows a deliberative review process by the board, which concluded that he was not consistently candid in his communications with the board, hindering its ability to exercise its responsibilities. The board no longer has confidence in his ability to continue leading OpenAI."
- 95. Mr. Brockman was also removed from the Board but was told he would retain his role at OpenAI.
- 96. At the time, the Board consisted of Helen Toner, Adam D'Angelo, Tasha McCauley, Dr. Sutskever, Mr. Brockman, and Mr. Altman. In addition to serving on the Board, Ms. Toner is a researcher and advisor for the Center for the Governance of AI (GovAI) and the Director of Strategy at Georgetown's Center for Security and Emerging Technology. Ms. McCauley is a Senior Management Scientist at RAND Corporation, a nonprofit which specializes in public policy decision making. She is also an advisor for GovAI. Mr. D'Angelo—the only board member to remain after Mr. Altman's reinstatement—is a tech CEO and entrepreneur.
- 97. The choice to include on OpenAI, Inc.'s Board multiple academics and public policy experts with deep AI policy experience, most of whom had no financial stake in the company, was

doing in partnership ourselves. We have the people, we have the compute, we have

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the data, we have everything.

Despite Microsoft's statements regarding their capability to function without

OpenAI, Microsoft never abandoned its plan to secure the reinstatement of Mr. Altman as OpenAI,

Inc.'s CEO. In the days following Mr. Altman's firing, OpenAI, Inc.'s Board was faced with

mounting pressure from lawyers and major shareholders, including Microsoft, to reinstate Mr.

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joined as President. One of Mr. Altman's conditions upon return was that Ms. Toner, Ms. McCauley, and Dr. Sutskever resign from the Board.

110. On information and belief, following his return, Mr. Altman hand-picked a new Board that lacks similar technical expertise or any substantial background in AI governance, which the previous board had by design. Mr. D'Angelo, a tech CEO and entrepreneur, was the only member of the previous board to remain after Mr. Altman's return. The new Board consisted of members with more experience in profit-centric enterprises or politics than in AI ethics and governance. They were also reportedly "big fans of Altman." Two of the new board members were Bret Taylor and Larry Summers. Mr. Taylor is no stranger to Silicon Valley, and has been heavily involved in various Bay Area profit-driven ventures. On February 14, 2024, Mr. Taylor and ex-Google executive Clay Bavor launched a startup focused on building AI chatbots for businesses. Dr. Summers is an economist who, on information and belief, had no experience working in artificial intelligence-based ventures prior to November 2023. Microsoft also obtained an observer seat on the Board from which it could keep a close eye on its ostensibly non-profit golden goose.

111. With the reinstatement of Mr. Altman and the restructuring of the Board, OpenAI's corporate structure that had been designed as a system of checks and balances between the nonprofit arm, for-profit arm, the Board, and the CEO to ensure the non-profit mission was being carried out, collapsed overnight. OpenAI, Inc.'s once carefully crafted non-profit structure was replaced by a purely profit-driven CEO and a Board with inferior technical expertise in AGI and AI public policy. The Board now has an observer seat reserved solely for Microsoft. With this restructuring, OpenAI, Inc. abandoned its non-profit mission of developing AGI for the benefit of humanity broadly, thereby keeping it out of the hands of a large for-profit corporation in which vast power would be unduly concentrated.

112. The OpenAI, Inc. Board's technical expertise in AI, neutrality, and commitment to OpenAI, Inc.'s nonprofit mission are particularly essential to OpenAI, Inc.'s mission as it is the Board that determines whether OpenAI has attained AGI for purposes of its license agreement with Microsoft. This means that the Board is tasked with determining whether OpenAI's most powerful and advanced technology is actually excluded from the scope of Microsoft's exclusive license.

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Given Microsoft's enormous financial interest in keeping the gate closed to the public, OpenAI, Inc.'s new captured, conflicted, and compliant Board will have every reason to delay ever making a finding that OpenAI has attained AGI. To the contrary, OpenAI's attainment of AGI, like "Tomorrow" in Annie, will always be a day away, ensuring that Microsoft will be licensed to OpenAI's latest technology and the public will be shut out, precisely the opposite of the Founding Agreement.

113. OpenAI's conduct could have seismic implications for Silicon Valley and, if allowed to stand, could represent a paradigm shift for technology start-ups. It is important to reflect on what has transpired here: a non-profit startup has collected tens of millions of dollars in contributions for the express purpose of developing AGI technology for public benefit, and shortly before achieving the very milestone that the company was created to achieve, the company has become a closed, forprofit partner of the world's largest corporation, thereby personally enriching the Defendants. If this business model were valid, it would radically redefine how venture capitalism is practiced in California and beyond. Rather than start out as a for-profit entity from the outset, "smart" investors would establish non-profits, use pre-tax donations to fund research and development, and then once their technology had been developed and proven, would slide the resulting IP assets into a new forprofit venture to enrich themselves and their profit-maximizing corporate partners. That is not supposed to be how the law works in California or anywhere else in this country, and this should not be the first Court to hold otherwise.

114. To further understand why this is important, if OpenAI's new business model is valid, for every dollar that an investor "invests" by contributing to a non-profit, that investor gets approximately 50 cents back from the state and federal governments in the form of reduced income taxes, so the net cost to them of each \$1 of investment is only 50 cents. However, with OpenAI's new business model, they get the same "for profit" upside as those who invest the conventional way in for-profit corporations and thus do not get an immediate tax write off, financed by the government and, ultimately, the public. From an investment perspective, competing against an entity employing the new OpenAI business model would be like playing a game of basketball where the other team's baskets are worth twice as many points. If this Court validates OpenAI's conduct here, any start-up

seeking to remain competitive in Silicon Valley would essentially be required to follow this OpenAI playbook, which would become standard operating procedure for start-ups to the detriment of legitimate non-profits, the government's tax coffers, and ultimately the people of California and beyond. Notably, OpenAI's for-profit arm was recently valued at nearly \$80 billion.

H. November 2023 To Present: Altman's OpenAI

- 115. The public is still in the dark regarding what exactly the Board's "deliberative review process" revealed that resulted in the initial firing of Mr. Altman. However, one thing is clear to Mr. Musk and the public at large: OpenAI has abandoned its "irrevocable" non-profit mission in the pursuit of profit. Numerous leaders and intellectuals have publicly commented on the irony and tragedy of OpenAI becoming "Closed, For-Profit AI."
- 116. For example, on November 29, 2023, MIT economists wrote an opinion in the L.A. Times expressing concern with OpenAI's new profit-driven directive. In their words, "[d]isruption and uncontrolled growth have become religion for the tech industry, and Altman has been one of its most dedicated high priests." The economists emphasized the new Board is far more likely to allow Mr. Altman to scale up OpenAI as quickly as possible, no matter the severity of societal costs.
- 117. The president of Public Citizen, a non-profit consumer advocacy organization, wrote an open letter to California Attorney General Rob Bonta earlier this year raising concerns about whether OpenAI's for-profit subsidiary is exerting inappropriate control over the non-profit, or whether the non-profit's purpose had shifted to profit-making under Mr. Altman and Microsoft. The letter suggested that should the non-profit abandon its original mission, it should be dissolved with proceeds going to another charitable enterprise.
- 118. A WIRED investigation from January 2024 found that OpenAI has also recently shuttered the public's access to previously available "key documents." In line with OpenAI's original promise of transparency, OpenAI's IRS documents have indicated since its founding that any member of the public may view copies of its governing documents, financial statements, and conflict of interest rules. However, when WIRED requested these documents, OpenAI indicated it had changed its policy. Thus, while OpenAI has long touted its commitment to transparency,

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members of the public are unable to obtain information shedding light on the incidents of November 2023.

- 119. Access to OpenAI's documents could inform the public whether it has changed its governance to appease Microsoft and other shareholders. At the very least, changes had to be made to accommodate Microsoft's seat on the Board, and now Mr. Altman is reportedly in discussions with Middle Eastern investors to raise up to \$7 trillion in an effort develop a global network of AI chip fabrication plants. If \$10 billion from Microsoft was enough to get it a seat on the Board, one can only imagine how much influence over OpenAI, Inc. these new potential investments could confer on the investors. This is especially troubling when one potential donor is the national security advisor of the United Arab Emirates, and United States officials are concerned due to the United Arab Emirates' ties to China. Moreover, Mr. Altman has been quoted discussing the possibility of making the United Arab Emirates a "regulatory sandbox" where AI technologies are tested.
- 120. Further, access to OpenAI's conflict-of-interest policy is important to shed light on the Board's ability to control Mr. Altman's use of OpenAI to advance his own economic interests, which so far appear to have gone unchecked. For example, in 2019 when Mr. Altman was CEO, OpenAI signed a letter of intent to buy \$51 million worth of chips from a start-up in which Mr. Altman was heavily invested.
- 121. While OpenAI, Inc. was once a pioneer of safe, responsible development of AGI based on open communication with the public, it has now shut its doors, brought the biggest investor of its for-profit subsidiary onto a Board which owes its only fiduciary duty to humanity, and continues in secrecy towards a profit-centric future with possible calamitous implications for humanity.
- 122. Mr. Musk founded and funded OpenAI, Inc. with Mr. Altman and Mr. Brockman in exchange for and relying on the Founding Agreement to ensure that AGI would benefit humanity, not for-profit corporations. As events turned out in 2023, his contributions to OpenAI, Inc. have been twisted to benefit the Defendants and the biggest company in the world. This was a stark betrayal of the Founding Agreement, turning that Agreement on its head and perverting OpenAI, Inc.'s mission. Imagine donating to a non-profit whose asserted mission is to protect the Amazon

SECOND CAUSE OF ACTION

Promissory Estoppel

Against All Defendants

- 128. Plaintiff realleges and incorporates by reference only paragraphs of this Complaint necessary for his claim of Promissory Estoppel.
- 129. In order to induce Plaintiff to make millions of dollars in contributions to OpenAI, Inc. over a period of years, and to induce him to provide substantial time and other resources to get OpenAI, Inc. off the ground as alleged herein, Defendants repeatedly promised Plaintiff, including in writing, that OpenAI (a) would be a non-profit developing AGI for the benefit of humanity, not for a for-profit company seeking to maximize shareholder profits; and (b) would be open-source, balancing only countervailing safety considerations, and would not keep its technology closed and secret for proprietary commercial reasons.
- 130. In doing so, Defendants reasonably expected that Plaintiff would (as he did) rely on their promises and provide funding, time and other resources to OpenAI, Inc.
- providing tens of millions of dollars of funding to OpenAI, Inc., as well as his time and other resources, on the condition that OpenAI would remain a non-profit irrevocably dedicated to creating safe, open-source AGI for public benefit, only to then have OpenAI abandon its "irrevocable" non-profit mission, stop providing basic information to the public, and instead exclusively dedicate and license its AGI algorithms to the largest for-profit company in the world, precisely the opposite of the promises Defendants made to Plaintiff.
- 132. Injustice can only be avoided through the enforcement of Defendants' repeated promises. If specific enforcement is not awarded, then Defendants must at minimum make restitution in an amount equal to Plaintiffs' contributions that have been misappropriated and by the amount that the intended third-party beneficiaries of the Founding Agreement have been damaged, which is an amount presently unknown, and if necessary, will be proven at trial, but that substantially exceeds this Court's jurisdictional minimum of \$35,000.

THIRD CAUSE OF ACTION

Breach of Fiduciary Duty

Against All Defendants

- 133. Plaintiff realleges and incorporates by reference only paragraphs of this Complaint necessary for his claim of Breach of Fiduciary Duty.
- 134. Under California law, Defendants owe fiduciary duties to Plaintiff, including a duty to use Plaintiff's contributions for the purposes for which they were made. *E.g.*, Cal. Bus. & Prof. Code § 17510.8. Defendants have repeatedly breached their fiduciary duties to Plaintiff, including by:
 - a. Using monies received from Plaintiff, and by using intellectual property and derivative works funded by those monies, for "for-profit" purposes that directly contravene both the letter and the express intent of the parties' agreement, thereby breaching Defendants' contractual promises to Plaintiff, and also breaching Defendants' promises to the express intended third-party beneficiaries of the parties' agreement, *i.e.*, the public. For example, Defendants caused GPT-4, which Microsoft's own scientists have written can "reasonably be viewed as an early (yet still incomplete) version of an artificial general intelligence (AGI) system," to be exclusively licensed to Microsoft, in derogation of OpenAI, Inc.'s irrevocable non-profit mission to develop AGI for the benefit of humanity.
 - b. Failing to disclose to the public, among other things, details on GPT-4's architecture, hardware, training method, and training computation, and further by erecting a "paywall" between the public and GPT-4, requiring per-token payment for usage, in order to advance Defendants and Microsoft's own private commercial interests, despite agreeing that OpenAI's technology would be open-source, balancing only countervailing safety considerations.
 - c. Permitting Microsoft, a publicly traded for-profit corporation, to occupy a seat on OpenAI, Inc.'s Board of Directors and exert undue influence and control over OpenAI, Inc.'s non-profit activities including, for example, the determination of

and by those acting in concert with them arising from these acts of unfair competition and other unfair business practices.

144. Plaintiff is entitled to restitution and/or disgorgement of any and all monies received by Defendants while they engaged in such practices, in addition to prejudgment interest pursuant to Business & Professions Code § 17200 *et seq.* Plaintiff further seeks to enjoin Defendants from carrying out such activities again in the future, and an order compelling specific performance.

FIFTH CAUSE OF ACTION

Accounting

Against All Defendants

- 145. Plaintiff realleges and incorporates by reference only paragraphs of this Complaint necessary for his claim of Accounting.
- 146. As discussed above, over the course of multiple years, Defendants solicited tens of millions of dollars in donations from Plaintiff with representations and assurances that OpenAI, Inc. would remain a non-profit irrevocably dedicated to creating safe AGI for public benefit, and that all donated funds would be used in accordance with that "irrevocable" mandate. On information and belief, Defendants also solicited tens of millions of dollars in donations from others based on the same representations.
- 147. Contrary to the express purpose for which Plaintiff's funds were contributed, as set forth herein, Defendants used monies received from Plaintiff, and intellectual property and derivative works funded by those monies, for "for-profit" purposes, including for the benefit of private individuals and likely of the individual Defendants themselves, that directly contravene both the letter and the express intent of the parties' agreement.
- 148. Because Defendants are in possession of financial information relating to the use of the charitable contributions that Plaintiff and others made to OpenAI, Inc. and the intellectual property and derivative works funded by those monies, Plaintiff is presently unable to ascertain his interest in or the use, allocation, or distribution of assets without an accounting. Plaintiff is therefore entitled to an accounting.

1	DEMAND FOR JURY TRIAL						
2	Plaintiff hereby demands trial by jury as to all issues, claims, and/or causes of action properly						
3	triable before a jury						
4	4						
5	DATED: February 29, 2024	IRELL & MANELLA LLP					
6							
7	7	By:					
8	8	Morgan Chu					
9	9	Alan Heinrich Iian Jablon					
10		Abigail Sellers					
		Justin Koo Henry White					
11							
12		Attorneys for Plaintiff Elon Musk					
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14	4						
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Exhibit 1

State of Delaware Secretary of State Division of Corporations Delivered 02:22 PM 12/08/2015 FILED 02:22 PM 12/08/2015 SR 20151247198 - File Number 5902936

CERTIFICATE OF INCORPORATION OF

A NON-STOCK CORPORATION

OPENAI, INC.

FIRST: The name of the Corporation is "OpenAI, Inc." (the "Corporation").

SECOND: The address of the Corporation's registered office in the State of Delaware is 2711 Centerville Road, Suite 400, Wilmington, New Castle County, Delaware 19808. The name of its registered agent at such address is Corporation Service Company.

THIRD: This Corporation shall be a nonprofit corporation organized exclusively for charitable and/or educational purposes within the meaning of section 501(c)(3) of the Internal Revenue Code of 1986, as amended, or the corresponding provision of any future United States Internal Revenue law. The specific purpose of this corporation is to provide funding for research, development and distribution of technology related to artificial intelligence. The resulting technology will benefit the public and the corporation will seek to open source technology for the public benefit when applicable. The corporation is not organized for the private gain of any person. In furtherance of its purposes, the corporation shall engage in any lawful act of activity for which nonprofit corporations may be organized under the General Corporation Law of Delaware.

FOURTH: This corporation is organized and operated exclusively for purposes set forth in Article THIRD hereof within the meaning of the Internal Revenue Code section 501(c)(3). No substantial part of the activities of this corporation shall consist of carrying on propaganda, or otherwise attempting to influence legislation and this corporation shall not participate or intervene in any political campaign (including the publishing or distribution of statements) on behalf on any candidate for public office. Notwithstanding any other provision of these articles, the corporation shall not carry on any other activities not permitted to be carried on (a) by a corporation/organization exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code, or the corresponding section of any future federal tax code, or (b) by a corporation/organization, contributions to which are deductible under section 170(c)(2) of the Internal Revenue Code, or the corresponding section of any future federal tax code.

FIFTH: The property of this corporation is irrevocably dedicated to the purposes in Article THREE hereof and no part of the net income or assets of this corporation shall ever inure to the benefit of any director, officer or member thereof or to the benefit of any private person. Upon the dissolution or winding up of this corporation, its assets remaining after payment, or provision for payment, of all debts and liabilities of this corporation shall be distributed to a nonprofit fund, foundation, or corporation which is organized and operated exclusively for charitable, educational and/or religious purposes and which has established its tax exempt status under Internal Revenue Code section 501(c)(3), or the corresponding section of any future federal tax code, or shall be distributed to the federal government, or to a state or local government, for a public purpose.

SIXTH: The corporation shall not have any capital stock.

SEVENTH: The corporation shall not have any members.

EIGHTH: The name and mailing address of the incorporator are as follows:

Jonathan Levy 335 Pioneer Way Mountain View, CA 94041

I, Jonathan Levy, for the purpose of forming a corporation under the laws of the State of Delaware, do make, file and record this Certificate, and do certify that the facts herein stated are true, and I have accordingly hereunto set my hand this

Executed on December 8, 2015.

AUTHORIZED OFFICER

/s/Jonathan Levy
Jonathan Levy

Exhibit 2

From:	Elon Musk
Sent:	Wednesday, June 24, 2015 11:06 PM
To:	Sam Altman <
Subject:	Re: AI lab

Agree on all

			ı
On Jun 24, 2015, at	10:24 AM, San	n Altman <	> wrote:

- <!--[if !supportLists]-->1) <!--[endif]-->The mission would be to create the first general AI and use it for individual empowerment—ie, the distributed version of the future that seems the safest. More generally, safety should be a first-class requirement.
- <!--[if !supportLists]-->2) <!--[endif]-->I think we'd ideally start with a group of 7-10 people, and plan to expand from there. We have a nice extra building in Mountain View they can have.
- <!--[if !supportLists]-->3) <!--[endif]-->I think for a governance structure, we should start with 5 people and I'd propose you, technology would be owned by the foundation and used "for the good of the world", and in cases where it's not obvious how that should be applied the 5 of us would decide. The researchers would have significant financial upside but it would be uncorrelated to what they build, which should eliminate some of the conflict (we'll pay them a competitive salary and give them YC equity for the upside). We'd have an ongoing conversation about what work should be open-sourced and what shouldn't. At some point we'd get someone to run the team, but he/she probably shouldn't be on the governance board.
- <!--[if !supportLists]-->4) <!--[endif]-->Will you be involved somehow in addition to just governance? I think that would be really helpful for getting work pointed in the right direction getting the best people to be part of it. Ideally you'd come by and talk to them about progress once a month or whatever. We generically call people involved in some limited way in YC "part-time partners" (we do that with Peter Thiel for example, though at this point he's very involved) but we could call it whatever you want. Even if you can't really spend time on it but can be publicly supportive, that would still probably be really helpful for recruiting.
- <!--[if !supportLists]--->5) <!--[endif]--->I think the right plan with the regulation letter is to wait for this to get going and then I can just release it with a message like "now that we are doing this, I've been thinking a lot about what sort of constraints the world needs for safefy." I'm happy to leave you off as a signatory. I also suspect that after it's out more people will be willing to get behind it.

Sam

Exhibit 3

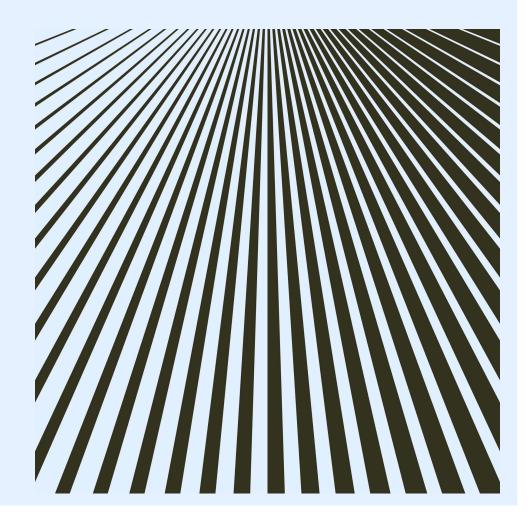


Menu

Blog

Introducing OpenAl

OpenAl is a non-profit artificial intelligence research company. Our goal is to advance digital intelligence in the way that is most likely to benefit humanity as a whole, unconstrained by a need to generate financial return. Since our research is free from financial obligations, we can better focus on a positive human impact.



December 11, 2015 Authors

Announcements

Greg Brockman ↓

<u>Ilya Sutskever</u> ↓

OpenAI ↓

OpenAl is a non-profit artificial intelligence research company. Our goal is to advance digital intelligence in the way that is most likely to benefit humanity as a whole, unconstrained by a need to generate financial return. Since our research is free from financial obligations, we can better focus on a positive human impact.

We believe AI should be an extension of individual human wills and, in the spirit of liberty, as broadly and evenly distributed as possible. The outcome of this venture is uncertain and the work is difficult, but we believe the goal and the structure are right. We hope this is what matters most to the best in the field.

Background

Artificial intelligence has always been a surprising field. In the early days, people thought that solving certain tasks (such as chess) would lead us to discover human-level intelligence algorithms. However, the solution to each task turned out to be much less general than people were hoping (such as doing a search over a huge number of moves).

The past few years have held another flavor of surprise. An Al technique explored for decades, deep learning, started achieving state-of-the-art results in a wide variety of problem domains. In deep learning, rather than hand-code a new algorithm for each problem, you design architectures that can twist themselves into a wide range of algorithms based on the data you feed them.

This approach has yielded outstanding results on pattern recognition problems, such as recognizing objects in images, machine translation, and speech recognition. But we've also started to see what it might be like for computers to be <u>creative</u>, to <u>dream</u>, and to <u>experience the world</u>.

Looking forward

Al systems today have impressive but narrow capabilities. It seems that we'll keep whittling away at their constraints, and in the extreme case they will reach human performance on virtually every intellectual task. It's hard to fathom how much human-level Al could benefit society, and it's equally hard to imagine how much it could damage society if built or used incorrectly.

OpenAl

Because of Al's surprising history, it's hard to predict when human-level Al might come within reach. When it does, it'll be important to have a leading research institution which can prioritize a good outcome for all over its own self-interest.

We're hoping to grow OpenAl into such an institution. As a non-profit, our aim is to build value for everyone rather than shareholders. Researchers will be strongly encouraged to publish their work, whether as papers, blog posts, or code, and our patents (if any) will be shared with the world. We'll freely collaborate with others across many institutions and expect to work with companies to research and deploy new technologies.

OpenAl's research director is <u>Ilya Sutskever</u>, one of the world experts in machine learning. Our CTO is <u>Greg Brockman</u>, formerly the CTO of Stripe. The group's other founding members are world-class research engineers and scientists: <u>Trevor Blackwell</u>, <u>Vicki Cheung</u>, <u>Andrej Karpathy</u>, <u>Durk Kingma</u>, <u>John Schulman</u>, <u>Pamela Vagata</u>, and <u>Wojciech Zaremba</u>. Pieter Abbeel, Yoshua Bengio, Alan Kay, Sergey Levine, and Vishal Sikka are advisors to the group. OpenAl's co-chairs are Sam Altman and Elon Musk.

Sam, Greg, Elon, Reid Hoffman, Jessica Livingston, Peter Thiel, Amazon Web Services (AWS), Infosys, and <u>YC Research</u> are donating to support OpenAI. In total, these funders have committed \$1 billion, although we expect to only spend a tiny fraction of this in the next few years.

You can follow us on Twitter at @OpenAl.

Authors Greg Brockman

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Ilya Sutskever

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