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PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David Silver	02/08/2020
Oriol Vinyals	02/07/2020
Maxwell Elliot Jaderberg	02/10/2020

RECEIVING PARTY DATA

Name:	DEEPMIND TECHNOLOGIES LIMITED
Street Address:	5 NEW STREET SQUARE
City:	LONDON
State/Country:	UNITED KINGDOM
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16752496

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ATTORNEY DOCKET NUMBER:	45288-0048001
NAME OF SUBMITTER:	SARAH THAMES
SIGNATURE:	/Sarah Thames/
DATE SIGNED:	02/10/2020

Total Attachments: 3

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PATENT 505908214 REEL: 051770 FRAME: 0438

Attorney's Docket No.: 45288-0048001 / 45288-0048WO1 Page 1 of 3

ASSIGNMENT and CONFIRMATION

We, <u>David Silver</u>, <u>Oriol Vinyals</u> and <u>Maxwell Elliot Jaderberg</u>, each hereby confirm the assignment and transfer to DeepMind Technologies Limited, a company organized under the laws of the United Kingdom, having a place of business at 5 New Street Square, London, EC4A 3TW United Kingdom, and its successors and assigns (collectively, "ASSIGNEE") of all of our individual and joint right, title and interest throughout the world in and to any and all inventions and improvements that are the subject or subjects of a patent application entitled

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that names us as inventors, and was filed in <u>United States Patent and Trademark Office</u> (<u>USPTO</u>) on January 24, 2020 as Application No. 16/752,496 and <u>PCT Receiving office</u> of the European Patent Office (EPO) on January 24, 2020 as Application No. PCT/EP2020/051839, and which claims priority to U.S. Application Serial No. 62/894,633, filed on August 30, 2019 which claims priority to U.S. Application Serial No. 62/796,567, filed on January 24, 2019, which was previously assigned to Assignee. We authorize and request the attorneys filing the application to complete this assignment by inserting the filing date and serial number of the application when known. The foregoing assignment and transfer occurred by operation of one or more agreements relating to our employment by DeepMind Technologies Limited or an affiliate of DeepMind Technologies Limited. Should any of us have any remaining interest, we each hereby assign and transfer any right, title or interest we may have in the above-mentioned inventions and improvements anywhere in the world to ASSIGNEE.

This assignment and confirmation includes the foregoing patent application or patent; all legal equivalents thereof in any country and all patents issuing therefrom; all patents, utility models, and design registrations granted for any of said inventions and improvements throughout the world; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for

PATENT REEL: 051770 FRAME: 0439 Attorney's Docket No.: 45288-0048001 / 45288-0048WO1

Page 2 of 3

the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. We authorize ASSIGNEE to apply in all countries in our names or in the name of ASSIGNEE for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for the assigned inventions and improvements.

The foregoing assignments have been made for good and valuable consideration, the receipt of which is hereby acknowledged, and in accordance with the employment-related agreements existing at the time the above-mentioned inventions and improvements were made.

We hereby represent and covenant that no assignment, agreement or encumbrance has been or will be made or entered into by us that would conflict with the abovementioned assignment of the inventions and improvements to ASSIGNEE.

We further covenant for ourselves and our respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE all pertinent facts and documents relating to any of the above-mentioned inventions and improvements, patent applications, patents and legal equivalents, as may be known and accessible to us; to testify as to the same in any interference, litigation, or proceeding relating thereto; and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce any of the above-mentioned applications, inventions and improvements, patents and equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Dated: 2/8/2020	Docusigned by:	
	David Silver	
Dated: 2/7/2020	Docusigned by:	
	Oriol Vinvals	

PATENT REEL: 051770 FRAME: 0440 Attorney's Docket No.: 45288-0048001 / 45288-0048WO1

Page 3 of 3

Dated:__

Maxwell Elliot Jaderberg

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PATENT REEL: 051770 FRAME: 0441

RECORDED: 02/10/2020