

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6098563

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the INCORRECTLY SUBMITTED DOCUMENT. CORRECT VERSION INCLUDES HAND CORRECTIONS TO NAME BY THOMAS ROTHOERL previously recorded on Reel 052236 Frame 0144. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Razvan Pascanu	02/12/2018
Raia Thais Hadsell	02/19/2018
Mel Vecerik	02/19/2018
Thomas Rothoerl	02/19/2018
Andrei-Alexandru Rusu	02/19/2018
Nicolas Manfred Otto Heess	02/19/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DEEPMIND TECHNOLOGIES LIMITED
<b>Street Address:</b>	5 NEW STREET SQUARE
<b>City:</b>	LONDON
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	EC4A 3TW
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16829237
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	+1 (212) 641-2318
<b>Email:</b>	apsi@fr.com, lswanson@fr.com
<b>Correspondent Name:</b>	KIM T. BUI
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	45288-8091002
<b>NAME OF SUBMITTER:</b>	LISA SWANSON
<b>SIGNATURE:</b>	/Lisa Swanson/

PATENT

<b>DATE SIGNED:</b>	05/08/2020
<b>Total Attachments: 4</b> source=Cover Sheet Assignment#page1.tif source=Cover Sheet Assignment#page2.tif source=Cover Sheet Assignment#page3.tif source=Cover Sheet Assignment#page4.tif	

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT6033209

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Razvan Pascanu	02/12/2018
Raia Thais Hadsell	02/19/2018
Mel Vecerik	02/19/2018
Thomas Rothoerl	02/19/2018
Andrei-Alexandru Rusu	02/19/2018
Nicolas Manfred Otto Heess	02/19/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DEEPMIND TECHNOLOGIES LIMITED
<b>Street Address:</b>	5 NEW STREET SQUARE
<b>City:</b>	LONDON
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	EC4A 3TW
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16829237
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	+1 (212) 641-2318
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	KIM T. BUI
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	45288-8091002
<b>NAME OF SUBMITTER:</b>	ROSELYNN FIGUEROA
<b>SIGNATURE:</b>	/Roselynn Figueroa/
<b>DATE SIGNED:</b>	03/26/2020

THOMAS ROTHORL

ASSIGNMENT and CONFIRMATION

We, Razvan Pascanu, Raia Thais Hadsell, Matei Vecerik, Thomas Rothorl, Andrei-Alexandru Rusu and Nicolas Manfred Otto Heess, 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

**NEURAL NETWORKS FOR SELECTING ACTIONS TO BE PERFORMED BY A  
ROBOTIC AGENT**

that names us as inventors, and was filed in PCT Receiving Office of the United States Patent and Trademark Office (USPTO) on October 10, 2017 as Application No. PCT/US2017/055894. 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 the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. We authorize ASSIGNEE to

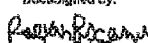
apply in all countries in our names or in the name of ASSIGNEE for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for the assigned inventions and improvements.

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 above-mentioned 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: 2/12/2018

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Razvan Pascanu

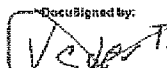
Dated: 2/19/2018

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Raia Thais Hadsell

Attorney's Docket No.: 16113-8091WO1

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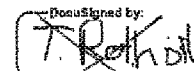
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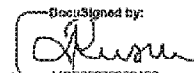
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Thomas Rothoerl

THOMAS ROTHOERL

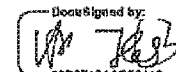
2020-01-14

Dated: 2/19/2018

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Andrei-Alexandru Rusu

Andrei-Alexandru Rusu

Dated: 2/19/2018

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Nicolas Manfred Otto Heess

Nicolas Manfred Otto Heess

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