504905613 05/08/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL EBSTYNE	05/07/2018
PEDRO URBINA ESCOS	05/07/2018
YURI PEKELNY	05/03/2018
EMANUEL SHALEV	05/07/2018

RECEIVING PARTY DATA

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Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15974651

CORRESPONDENCE DATA

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Address Line 4: PLANO, TEXAS 75093

ATTORNEY DOCKET NUMBER:	404270-US-NP
NAME OF SUBMITTER:	HOLLI L. TEMPLETON
SIGNATURE:	/Holli L. Templeton/
DATE SIGNED:	05/08/2018

Total Attachments: 8

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PATENT 504905613 REEL: 045748 FRAME: 0260



PATENT REEL: 045748 FRAME: 0261

PATENT ASSIGNMENT MS Docket No.: 404270-US-NP

I <u>Michael Ebstyne</u> ("ASSIGNOR") am the original inventor or an original joint
inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled "IMMERSIVE FEEDBACK LOOP FOR IMPROVING AI" ("APPLICATION"),
which:
will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on May 8, 2018 and given Application No. 15/974,651 by the following Office US – United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;
was filed on and was given Application No by the following Office " <u>US – United States Patent and Trademark Office</u> ";
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the
United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;
Application No. Filing Date Office

Page 1 of 2

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature

Michael Ebstyne

Printed Name in English

Printed Name in Native Language (if other than English)

MS Docket No.: 404270-US-NP

	PATENT ASSI	GNMENT	MS Docket No.: 404270-US-NP
			inventor or an original joint
<u></u>			nd/or claimed in a patent <u>ROVING AI</u> " ("APPLICATION"),
ASSI LLC. LEGA on the	GNEE'S legal repre , One Microsoft Wa AL REPRESENTATI\ May 8, 2018 following Office <u>US</u> APPLICATION's Ap	esentative, Microsoft y, Redmond, Washing (ES), to insert here and given Application - United States Patent	rizes, and requests, Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed No. 15/974,651 by and Trademark Office) late, and Office, when
		as given Application N Inited States Patent ar	
behalf of itself and of acquiring, the priority, in the IN' derived therefron	d its successors and entire and exclusi VENTION and the A n, such as continui	d assigns ("ASSIGNEE"), ve rights, title and in PPLICATION (and all o ng applications, in wh	limited liability company, on is entitled to, and is desirous terest, including the right of ther applications and patents tole or in part, in and for the PLICATION DERIVATIVES"));
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Application No.		ng Date	Office
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Page	1	of	20

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority,

MS Docket No.: 404270-US-NP

in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United

States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature Pedro Urbina Escos	<u> </u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Yuri Pekelny ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "IMMERSIVE FEEDBACK LOOP FOR IMPROVING AI" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on May 8, 2018 ___ and given Application No. 15/974,651 by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known: was filed on and was given Application No by the following Office "US - United States Patent and Trademark Office": Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office	
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MS Docket No.: 404270-US-NP

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Inventor's Signature	OS/63/2018
Yuri Pekelny	<u> </u>
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 404270-US-NP

	PATENT	ASSIGNMENT	MS Docket No.: 404278-U	IS-NE
inventor of	subject matter	("INVENTION") discl	iginal inventor or an original j osed and/or claimed in a pa <u>'OR IMPROVING AI</u> " ("APPLICATIO	iten
	ASSIGNEE'S legal LLC., One Microso LEGAL REPRESEN on May 8, 2018 the following Office	representative, Mic oft Way, Redmond, W TATIVES), to insert and given Appl ce <u>US – United States</u>	authorizes, and requests, rosoft Technology Licensing, /ashington 98052 (ASSIGNEE'S here in parentheses (filed lication No. 15/974,651 by Patent and Trademark Office) filing date, and Office, when	
			ation No by the atent and Trademark Office":	
behalf of itse of acquiring priority, in the derived ther United States	elf and its successon , the entire and ex he INVENTION and efrom, such as cor s, its territories, an	rs and assigns ("ASSI cclusive rights, title the APPLICATION (ar itinuing applications d all foreign countri	nington limited liability company GNEE"), is entitled to, and is design and interest, including the right and all other applications and pate i, in whole or in part, in and for es ("APPLICATION DERIVATIVES")	rous it of ents the);
to insert the		filing date, and Off	ASSIGNEE'S LEGAL REPRESENTATI	
Application		Filing Date	Office	immin

Page 1 of 2

MS Docket No.: 404270-US-NP

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ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

(5/7/2018
Inve	ntor's Signature	Date
Ema	nuel Shalev	
Prin	ted Name in English	Printed Name in Native Language
		(if other than English)