505133129 10/09/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5179892

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
SIYUAN MA	10/08/2018
JAMES DAVID HOLBERY	10/05/2018

RECEIVING PARTY DATA

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City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	98052	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16155450

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Address Line 2: PATENT GROUP DOCKETING DEPT Address Line 4: **REDMOND, WASHINGTON 98052**

ATTORNEY DOCKET NUMBER:	405162-US-NP	
NAME OF SUBMITTER:	VLADIMIR A. KOZYREV	
SIGNATURE:	/VLADIMIR A. KOZYREV/	
DATE SIGNED:	10/09/2018	

Total Attachments: 4

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PATENT 505133129

REEL: 047109 FRAME: 0258

PATENT ASSIGNMENT MS Docket No.: 405162-US-NP

subject matt	er ("INVENTION") o	iisclosed a	nd/or claimed i	or an original joint n a patent applicat ACTUATORS" ("APP	tion entitled
which:					
	ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT October 9, 2018 the following Off	represent: ft Way, Rec [ATIVES], to and giv ice	ative, Microsoft dmond, Washing o insert here in en Application I	iorizes, and requotechnology Licengton 98052 (ASSIGI parentheses (filed on 16/155,450) ate, and Office,	ising, NEE'S on by) this
	was filed on by the following (Application No	
behalf of its desirous of right of prior patents deriv	self and its succe acquiring, the enti rity, in the INVENT ved therefrom, suc ited States, its	ssors and ire and exc ION and th th as conti	assigns ("ASSI clusive rights, ti e APPLICATION nuing applicatio	n limited liability c GNEE"), is entitled itle and interest, ir (and all other appli ons, in whole or in ign countries ("A	to, and is icluding the ications and part, in and
REPRESENTA		he Applica	ation No., filin	uests, ASSIGNEE g date, and Offic hev are known:	
Application I	••••••	Filing Dat	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Office	***************************************

MS Docket No.: 405162-US-NP

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).

	1018/2018
Inventor's Signature	Date
Siyuan MA	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

MS Docket No.: <u>405162-US-NP</u>

I James David HOLBERY (inventor of subject matt application entitled "HA ACTUATORS" ("APPLICATIO	er ("INVENTION") dis PTIC FEEDBACK SY	closed and/or claimed i	in a patent
ASSIGNEE'S le LLC, One Micr LEGAL REPRES October 9, 20 the following	egal representative, Nosoft Way, Redmond, SENTATIVES), to insert 18 and given Appl	by authorizes, and requiversoft Technology Licer Washington 98052 (ASSIG) here in parentheses (filed) lication No. 16/155,450 filing date, and Office,	nsing, NEE'S on by) this
was filed on _ by the following	and wa	as given Application No";	
Microsoft Technolog behalf of itself and its so desirous of acquiring, the right of priority, in the INVI patents derived therefrom, for the United States, in DERIVATIVES"));	uccessors and assign entire and exclusive r ENTION and the APPLIC such as continuing a	rights, title and interest, in CATION (and all other appl pplications, in whole or in	I to, and is ncluding the ications and part, in and
ASSIGNOR hereby REPRESENTATIVES to inse following table for any APP	rt the Application N		
Application No.	Filing Date	Office	· · · · · · · · · · · · · · · · · · ·

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D. K. Mar	10-5-18
Inventor's Signature	Date
James David HOLBERY	
Printed Name in English	Printed Name in Native Language
	(If other than English)