505541264 06/24/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACQUELIN LEAH REMALEY	05/07/2019
SANG HO YOON	05/09/2019
JAMES DAVID HOLBERY	06/19/2019

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16406202

CORRESPONDENCE DATA

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Phone: 425-538-9035

Email: usdocket@microsoft.com

MICROSOFT CORPORATION **Correspondent Name:**

Address Line 1: ONE MICROSOFT WAY

Address Line 4: **REDMOND, WASHINGTON 98052**

ATTORNEY DOCKET NUMBER:	406320-US-NP
NAME OF SUBMITTER:	VLADIMIR A. KOZYREV
SIGNATURE:	/VLADIMIR A. KOZYREV/
DATE SIGNED:	06/24/2019

Total Attachments: 6

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PATENT REEL: 049570 FRAME: 0885

PATENT ASSIGNMENT

MS Docket No.: 406320-US-NP

i <u>Jacq</u>	uelin Leah REMALE	\underline{Y} ("ASSIGNOR") am the σ	riginal inventor or an original
joint invento	or of subject matte	er ("INVENTION") disclose	d and/or claimed in a patent
application	entitled " <u>GUIDE F</u> (OR SUPPORTING FLEXIBLE	E ARTICULATING STRUCTURE"
("APPLICATIO)N"), which:		
	ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing ATIVES), to insert here in and given Application	: Technology Licensing, gton 98052 (ASSIGNEE'S parentheses (filed on
	the following Offi	ce) this
		pplication No., filing d	
		and was given	
	by the following C)ffice "	в _у
desirous of a right of prior patents deriv	acquiring, the enti rity, in the INVENTI red therefrom, suc ited States, its 1	re and exclusive rights, to ON and the APPLICATION h as continuing application	GNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and ign countries ("APPLICATION
ASSIG	NOR hereby	authorizes, and req	uests, ASSIGNEE'S LEGAL
			ig date, and Office into the
following tab	ole for any APPLICA	TION DERIVATIVES after t	hey are known;
Application I	Vo.	Filing Date	Office

MS Docket No.: 406320-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).

Jacquelin Leah REMALEY	May 4 2019 Date
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

PATENT ASSIGNME	NT MS Docket	: No.: <u>406320-US-NP</u>
inventor of subject matter	("INVENTION") disclosed	inventor or an original join and/or claimed in a paten E ARTICULATING STRUCTURE
ASSIGNEE'S lega LLC, One Micros LEGAL REPRESEN ———————————————————————————————————	ASSIGNOR hereby author of the content of the conten	t Technology Licensing, gton 98052 (ASSIGNEE'S parentheses (filed on No by) this
	<u>/ 8, 2019</u> and was given Ap the following Office " <u>U.S. Pa</u>	
behalf of itself and its succ desirous of acquiring, the en right of priority, in the INVEN patents derived therefrom, su	essors and assigns ("ASSI tire and exclusive rights, t TION and the APPLICATION ach as continuing application	on limited liability company, or GNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and ign countries ("APPLICATION
ASSIGNOR hereby REPRESENTATIVES to insert following table for any APPLIC	the Application No., filir	uests, ASSIGNEE'S LEGAI ig date, and Office into the hev are known:
Application No.	Filing Date	Office

MS Docket No.: <u>406320-US-NP</u>

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unn	- 5/9/2019
entor's Signature	Date
g Ho YOON	윤상호
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

MS Docket No.: <u>406320-US-NP</u>

l <u>Jame</u>	<u>s David HOLBERY</u> (("ASSIGNOR") am the	e original inventor or an o	original joint
inventor of	subject matter ("INVENTION") discl	osed and/or claimed	in a patent
application	entitled " <u>GUIDE F</u> i	<u>OR SUPPORTING FL</u>	EXIBLE ARTICULATING	STRUCTURE"
("APPLICATIO)N"), which:			
	ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT the following Offi	representative, Mic ft Way, Redmond, W "ATIVES), to insert he and given Applic ce	r authorizes, and requirosoft Technology Licer rosoft Technology Licer rashington 98052 (ASSIG ere in parentheses (filed ation No	nsing, iNEE'S on by _) this
Ø		8, 2019 and was giv ie following Office " <u>i</u>	en Application No U.S. Patent and Tradema	<u>rk</u>
behalf of its desirous of a right of prior patents deriv	self and its succe acquiring, the enti rity, in the INVENTI ved therefrom, suc ited States, its	ssors and assigns re and exclusive rig ON and the APPLICA h as continuing app	hington limited liability of ("ASSIGNEE"), is entitled phts, title and interest, in ATION (and all other apploplications, in whole or in a foreign countries ("A	d to, and is ncluding the lications and part, in and
REPRESENTA	TIVES to insert t		requests, ASSIGNEI ., filing date, and Offi after they are known;	
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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"));

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2 Delley	6-19-19
Inventor's Signature/ James David HOLBERY	Date
Printed Name in English	Printed Name in Native Language
	(if other than English)