505142353 10/15/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RENEE WU	12/17/2015
MICHAEL NIKKHOO	12/18/2015

RECEIVING PARTY DATA

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Street Address:	ONE MICROSOFT WAY	
City:	REDMOND	
State/Country: WASHINGTON		
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16160830

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ATTORNEY DOCKET NUMBER:	MS1-6317USC1
NAME OF SUBMITTER:	NOEMI TOVAR
SIGNATURE:	/Noemi Tovar/
DATE SIGNED:	10/15/2018

Total Attachments: 4

source=358406-US-DIV-MS1-6317USC1-Executed-Parent-Assignments-as-filed-10-15-18#page1.tif source=358406-US-DIV-MS1-6317USC1-Executed-Parent-Assignments-as-filed-10-15-18#page2.tif source=358406-US-DIV-MS1-6317USC1-Executed-Parent-Assignments-as-filed-10-15-18#page3.tif source=358406-US-DIV-MS1-6317USC1-Executed-Parent-Assignments-as-filed-10-15-18#page4.tif

PATENT 505142353 REEL: 047169 FRAME: 0844

PATENT ASSIGNMENT	MS Docket No.	358406.01	
	Attomey Docket No	: 6317US	
or an original joint inventor of su a patent application entitled FORMABLE INT		losed and/or claimed in	
("APPLICATION"), which:			
ASSIGNEE'S legal r LLC., One Microsoft LEGAL REPRESENTA on 12/18/2015 the following Office	ASSIGNOR hereby authorizes, epresentative, Microsoft Techrows, Way, Redmond, Washington 98 ATIVES), to insert here in page and given Application No and given Application No application No application No., filing date, application No., filing date, application No.,	iology Licensing, 8052 (ASSIGNEE'S arentheses (filed 14/975,676 by Trademark Office)	
	and was given Applica		
No Patent and Tradem	by the following Office <u>US</u> ark Office;	United States	
Microsoft Technology Lice behalf of itself and its successors of acquiring, the entire and exc priority, in the INVENTION and the derived therefrom, such as cont United States, its territories, and	lusive rights, title and interest ne APPLICATION (and all other a inuing applications, in whole o	titled to, and is desirous , including the right of applications and patents r in part, in and for the	
to insert the Application No., fi			
APPLICATION DERIVATIVES after Application No.	Filing Date Offic	:e	
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Page 1 of 2

PATENT	ASSIGNMENT
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		MS Docket No.: 358406,01						
		Attor	ney Do	ck	et No.:	631	7US	
	v.		ere Mariana		 			
annan								

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).

RLL	12/17/2015
Inventor's Signature	Date
Renee Wu	::: - 100 40 100 - 200
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT AS	SSIGNMENT	MS Docket	No.:	358406.01
		Attorney Docket	No.:	6317US
or an origina	d Joint Inventor of su dication entitled	bject matter ("INVENTION") ERFACE AND SHIELDING STRU	disclo	sed and/or claimed in
("APPLICATIO	ON"), which:			
	ASSIGNEE'S legal r LLC., One Microsoft LEGAL REPRESENT on 12/18/2015 the following Office	ASSIGNOR hereby authorice presentative, Microsoft Team of Way, Redmond, Washington ATIVES), to insert here in and given Application No. 1015 - United States Patent and Capplication No., filing dates	echnol n 980 n pare o. 14 nd Tra	ogy Licensing, 52 (ASSIGNEE'S entheses (filed 4/975,676 by demark Office)
		and was given Ap by the following Office <u>U</u> ark Office:		
behalf of itse of acquiring priority, in the derived ther United State	elf and its successors	ensing, LLC, a Washington li and assigns ("ASSIGNEE"), in clusive rights, title and inte the APPLICATION (and all oth inuing applications, in who all foreign countries ("APPL zes, and requests, ASSIGNE	s entit rest, i ler app le or i	led to, and is desirous including the right of plications and patents n part, in and for the ON DERIVATIVES"));
	e Application No., f N DERIVATIVES after	iling date, and Office into	the fo	llowing table for any
Application	***************************************		Office	
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Page 1 of 2

PATENT ASSIGNMENT		MS Docket No.: 358406.01		
		Attorney Docket No.:	6317US	
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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"));

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).

<u> </u>	De 18 2015
Inventor's Signature	Date
Michael Nikkhoo	
Printed Name in English	Printed Name in Native Language (if other than English)

Page 2 of 2