### 504527234 08/30/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4573940

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
RYAN TRAVIS EVANS	08/25/2017
JOHN CHARLES MEYER	08/30/2017
JASON EDWARD TRIPARD	08/24/2017
MATTHEW THOMAS CONDON	08/24/2017
IAN HOWE LEWIS	08/28/2017
BERNARD MAURICE SCHULTZ III	08/29/2017

### **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:	15691475

### **CORRESPONDENCE DATA**

Fax Number: (801)532-7543

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.

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mspatent@rgn.com, usdocket@microsoft.com Email: RAY QUINNEY & NEBEKER - MICROSOFT **Correspondent Name:** 

36 SOUTH STATE STREET Address Line 1:

Address Line 2: **SUITE 1400** 

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	402088-US-NP
NAME OF SUBMITTER:	PAUL N. TAYLOR
SIGNATURE:	/Paul N. Taylor, Reg.# 57271/
DATE SIGNED:	08/30/2017

**PATENT** REEL: 043452 FRAME: 0534 504527234

# Total Attachments: 12 source=402088-US-NP\_2017-08-30\_Assignment#page1.tif source=402088-US-NP\_2017-08-30\_Assignment#page2.tif source=402088-US-NP\_2017-08-30\_Assignment#page3.tif source=402088-US-NP\_2017-08-30\_Assignment#page4.tif source=402088-US-NP\_2017-08-30\_Assignment#page5.tif source=402088-US-NP\_2017-08-30\_Assignment#page6.tif source=402088-US-NP\_2017-08-30\_Assignment#page7.tif source=402088-US-NP\_2017-08-30\_Assignment#page8.tif source=402088-US-NP\_2017-08-30\_Assignment#page9.tif source=402088-US-NP\_2017-08-30\_Assignment#page10.tif source=402088-US-NP\_2017-08-30\_Assignment#page11.tif source=402088-US-NP\_2017-08-30\_Assignment#page11.tif

PATENT REEL: 043452 FRAME: 0535

l <u>Ryan Travis</u>	<u>EVANS</u> ("ASSIG	GNOR") am	the origin	al inventor	or an orig	inal joint
inventor of subjec	t matter ("IN\	/ENTION")	disclosed	and/or c	laimed in	a patent
application entitled	"COMPUTING	DEVICES 1	WITH FORM	IED EDGES	AND METI	<u> 1005 OF</u>
MANUFACTURING T	<u>HEREOF</u> " ("APPL	.ication")	, which:			

will be filed. /	ASSIGNOR hereby	authorizes,	and requests,
ASSIGNEE'S legal r	epresentative, Mic	rosoft Techni	ology Licensing,
LLC, One Microsoft	Way, Redmond, W	ashington 98	052 (ASSIGNEE'S
LEGAL REPRESENTA	ATIVES), to insert	: here in pa	rentheses (filed
on	and	d given	Application
No	b	y the	following
Office		) this	APPLICATION'S
Application No., fili	ng date, and Offic	e, when know	n;

was filed on May 1, 2017 and was given Application No 62/492,528 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

15/691,475 August 30, 2017 US- United States Patent and Trademark Office

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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).

nventor's Signature

Ryan Travis EVANS

Printed Name in English

Date

Printed Name in Native Language (if other than English)

Page 2 of 2

MS Docket No.:402088-US-PSP

TATENT ASSIGNMENT	1417	5 Docket No.: <del>102000-05-151</del>
I John Charles MEYER ("A inventor of subject matter (application entitled "COMPUTI MANUFACTURING THEREOF" ("A	"INVENTION") disclosed NG DEVICES WITH FORM	•
LLC, One Microso LEGAL REPRESENT on No. Office	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing TATIVES), to insert here and by	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed given Application the following ) this APPLICATION's
	<u>1, 2017</u> and was given Apple following Office " <u>US – U</u> ",	
Microsoft Technology Liebehalf of itself and its succe desirous of acquiring, the enti right of priority, in the INVENTI patents derived therefrom, suc for the United States, its DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION h as continuing application	tle and interest, including the (and all other applications and ons, in whole or in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	he Application No., filin	· · ·
Application No.	Filing Date	Office
15/691,475	August 30, 2017	US- United States Patent and Trademark Office
10/001,470	7.0guot 00, 2017	Se Sinted States Faterit and Trademark Office

PATENT ASSIGNMENT	MS	S Docket No.: <u>402088-US-PSP</u>

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).

The China	8/30/2017
Inventor's Signature	Date
John Charles MEYER	
Printed Name in English	Printed Name in Native Language
	(if other than English)

joint invento	or of subject mat entitled " <u>COMPU</u> T	ter ("INVENTION") disclo	original inventor or an original used and/or claimed in a patent <u>IMED EDGES AND METHODS OF</u>	
	ASSIGNEE'S lega LLC, One Microso LEGAL REPRESEN on No Office	I representative, Microsopt Way, Redmond, Wash NTATIVES), to insert he and by	uthorizes, and requests, oft Technology Licensing, ington 98052 (ASSIGNEE'S ere in parentheses (filed given Application the following) this APPLICATION's hen known;	
			Application No <u>United States Patent and</u>	
behalf of its desirous of a right of prior patents deriv	elf and its succe acquiring, the ent ity, in the INVENT red therefrom, su- ted States, its	essors and assigns ("AS ire and exclusive rights, ION and the APPLICATIO ch as continuing applica	iton limited liability company, on SIGNEE"), is entitled to, and is title and interest, including the N (and all other applications and tions, in whole or in part, in and reign countries ("APPLICATION	
REPRESENTA"	TIVES to insert	authorizes, and re the Application No., fi ATION DERIVATIVES after	ling date, and Office into the	
Application N 15/691,475		Filing Date August 30, 2017	Office US- United States Patent and Trademark Off	ice
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	8-24-17
Anventor's Signature	Date
Jason Edward TRIPARD	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I Matthew Thomas CONDON ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COMPUTING DEVICES WITH FORMED EDGES AND METHODS OF MANUFACTURING THEREOF" ("APPLICATION"), which:

will b	e fili	ed.	ASSIGNO	OR I	sereby	auth	orizes	, and	req	uests.
ASSIGN	IEE'S	legal	represer	itativ	e, Mic	rosoft	Tech	nology	Lice	nsing.
LLC, O	ne Mi	croso	ft Way, R	edm	ond, W	ashing	ton 9	8052 (	ASSIC	NEE'S
LEGAL	REP	RESEN	TATIVES)	, to	insert	here	in p	arenth	eses	(filed
on		**************	and the second	00000	anc		given	, ,	Appli	cation
No.		***********	and the second	w.	by	e	the		foll	owing
Office	**********	**********					thi:	S APPI	UCAT	TON's
Applic	ation	No., f	iling date	e, ans	d Office	e, whe	n kno	wn,		

was filed on May 1, 2017 and was given Application No 62/492,528 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	
15/691,475	August 30, 2017	US- United States Patent and	Trademark Office
901, 300, 300			

Page 1 of 2

PATENT REEL: 043452 FRAME: 0542

PATENT ASSIGNMENT	MS Docket No.:402088-US-PSE

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).

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MHww Hos (understand)	
Matthew Thomas CONDON	
Printed Name in English	Printed Name in Native Language (if other than English)

inventor of subject matter ("INVENTION") disclosed and/or claimed in a paten application entitled "COMPUTING DEVICES WITH FORMED EDGES AND METHODS OF MANUFACTURING THEREOF" ("APPLICATION"), which:						the origina				
	inventor of	· subject	matter	("INVEN	HON")	disclosed	and/or	claimed	ın a	patent
MANUFACTURING THEREOF" ("APPLICATION"), which:	application	entitled	" <u>COMPU</u>	TING DE	/ICES_V	<u>VITH_FORM</u>	<u> MED EDG</u>	<u>ES AND</u>	METHO	DS OF
	MANUFACTI	URING TH	EREOF" (	"APPLICA	TION"),	, which:				

will b	e filed.	ASSIGNO	۱ he	reby	auth	orize	es, ai	nd req	uests,
ASSIGN	IEE'S leg	al represent	ative,	Micr	osoft	Tec	hnolo	gy Lice	nsing,
LLC, O	ne Micro	soft Way, Red	nomb	d, Wa	ıshing	ton	98052	2 (ASSIC	INEE'S
LEGAL	REPRES	ENTATIVES),	to ir	nsert	here	în	paren	itheses	(filed
on			-	and		give	n	Appli	cation
No.				by		th	e	foll	owing
Office					)	th	is A	PPLICAT	ΠΟΝ's
Applica	ation No.	, filing date,	and (	Office	, wher	n kni	own;		

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15/691,475	August 30, 2017	US- United States Patent and Trade	

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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).

Inventor's Signature

Date

lan Howe LEWIS

Printed Name in English

Printed Name in Native Language (if other than English)

		n the original inventor or an
original joint inventor of subje		
patent application entitled " <u>CO</u>		ORMED EDGES AND METHODS
OF MANUFACTURING THEREOF'	' ("APPLICATION"), which:	
LLC, One Microso LEGAL REPRESEN on No. Office	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing TATIVES), to insert here and by	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed given Application the following ) this APPLICATION's
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Microsoft Technology Lid behalf of itself and its succe desirous of acquiring, the enti- right of priority, in the INVENTI patents derived therefrom, suc for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and
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15/691,475	August 30, 2017	US- United States Patent and Trademark Office

PATENT ASSIGNMENT	MS	S Docket No.: 402088-US-PSP

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Inventor's Signature	8/24/17 Date
Bernard Maurice SCHULTZ III	
Printed Name in English	Printed Name in Native Language
	(if other than English)

RECORDED: 08/30/2017