504593164 10/13/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4639876

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL NIKKHOO	08/29/2016
VIJAYASEKARAN BOOVARAGAVAN	07/20/2017
DONGLI ZENG	08/29/2016
TZU-YUAN LIN	08/29/2016
JOHN CHRISTOPHER COLLINS	08/29/2016

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:	15250628

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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.

Phone: 425-707-9382

Email:usdocket@microsoft.comCorrespondent Name:MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

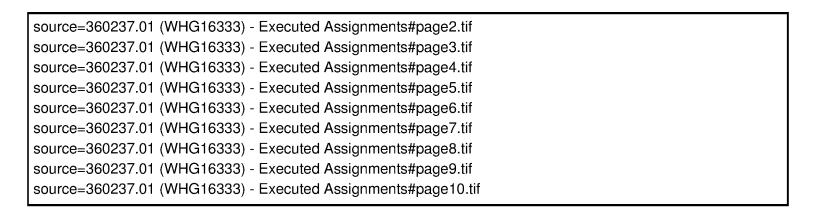
ATTORNEY DOCKET NUMBER:	360237.01 (WHG16333)	
NAME OF SUBMITTER:	HEIDI LAUMAN	
SIGNATURE:	/HEIDI LAUMAN/	
DATE SIGNED:	10/13/2017	

Total Attachments: 10

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PATENT REEL: 043860 FRAME: 0486

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PATENT REEL: 043860 FRAME: 0487

PATENT ASSIGNMENT	MS Docket No.: WHG16333
I <u>Michael Nikkhoo</u> ("ASSIGNOR") am the c	original inventor or an original join
inventor of subject matter ("INVENTION") disc	closed and/or claimed in a paten
application entitled " <u>VARIABLE LAYER THICK</u>	NESS IN CURVED BATTERY CELL
("APPLICATION"), which:	
⊠ will be filed. ASSIGNOR hereb	y authorizes, and requests,

wiii de illea	ASSIGNUK NEFED	y autnorizes,	and request	5,
ASSIGNEE'S legal r	representative, Mi	crosoft Techno	ology Licensin	g,
LLC, One Microsoft	: Way, Redmond, \	Vashington 980	052 (ASSIGNEE	'S
the following Oi	ffice) th	İS
APPLICATION's App	olication No., filing	date, and Offic	ce, when know	n;
was filed on	and was	i given Applica	tion	
No	by the followin	g Office		
	1			
	ASSIGNEE'S legal is LLC, One Microsoft LEGAL REPRESENT on August 29, 201 the following Of APPLICATION'S Approximate the Mass filed on No	ASSIGNEE'S legal representative, Mi LLC, One Microsoft Way, Redmond, V LEGAL REPRESENTATIVES), to inser on August 29, 2016 and given App the following Office APPLICATION's Application No., filing was filed on and was No by the followin ":	ASSIGNEE'S legal representative, Microsoft Technol LLC, One Microsoft Way, Redmond, Washington 986 LEGAL REPRESENTATIVES), to insert here in pa on August 29, 2016 and given Application No. 15 the following Office APPLICATION'S Application No., filing date, and Office was filed on and was given Application No by the following Office ":	APPLICATION's Application No., filing date, and Office, when know was filed on and was given Application No by the following 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.	,	:	

<u> </u>			***************************************

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"));

A	08-29-2016
Inventor's Signature	Date
Michael Nikkhoo	
Printed Name in English	Printed Name in Native Language
	(if other than English)

	PATENT ASSIGNMENT	MS Docket No.:	WHG16333
joint invento	vasekaran Boovaragavan ("ASSIGNOR") a or of subject matter ("INVENTION") di entitled " <u>VARIABLE LAYER THICKN</u> DN"), which:	sclosed and/or clai	med in a patent
	will be filed. ASSIGNOR hereby ASSIGNEE'S legal representative, Mic LLC, One Microsoft Way, Redmond, W LEGAL REPRESENTATIVES), to insert on and given Applithe following Office APPLICATION's Application No., filing was filed on August 29, 2016 and wa 15/250,628 by the following Office "Long to the state of the second se	rosoft Technology (ashington 98052 (A t here in parentholication No date, and Office, wh	Licensing, ASSIGNEE'S eses (filedby) this en known;
behalf of itse of acquiring, priority, in the derived there	Office"; soft Technology Licensing, LLC, a Washelf and its successors and assigns ("ASSI, the entire and exclusive rights, title he INVENTION and the APPLICATION (a efrom, such as continuing applications	IGNEE"), is entitled to and interest, inclu nd all other applicat s, in whole or in pa	o, and is desirous ding the right of tions and patents rt, in and for the
United States	s, its territories, and all foreign countri	es ("APPLICATION D	ERIVATIVES"));

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Inventor's Signature	7/20/2017 Date
Vijayasekaran Boovaragavan	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT	MS Docket No.:	WHG16333

I <u>Dongli Zeng</u> ("ASSIGNOR") am the original inventor or an original joint invento
of subject matter ("INVENTION") disclosed and / or claimed in a patent application entitled ${\bf r}$
"VARIABLE LAYER THICKNESS IN CURVED BATTERY CELL" ("APPLICATION"), which:

\times	will	be	filed.	ASSIGNOR	hereby	authorizes	, and	requests,	
	LLC, LEGA and) this	One AL RI givei s API	Microso EPRESENT n Applica	representa ft Way, Redi TATIVES), to tion No. 15 N's Applica	mond, Wa insert h /250,628	ishington 9 ere in pare by th	8052 (/ enthese e follov	ASSIGNEE'S s (filed on ving Office	August 29, 201
		filed	on llowing (Office "	and was g	given Applio		lo ",	

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MS Docket No.:

WHG16333

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2	8/29/2016
Inventor's Signature	Date
Dongli Zeng	曾冬利
Printed Name in English	Printed Name in Native Language (if other than English)

I <u>Tzu-Yuan Lin</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>VARIABLE LAYER THICKNESS IN CURVED BATTERY CELL</u>" ("APPLICATION"), which:

\times	will	be	filed.	ASSIGNO	R hereby	authorizes	, and	requ	ests,
	ASSIC	SNEE	E'S lega	al represent	ative, Mic	rosoft Techi	nology	Licen	sing,
	LLC,	One	Micros	oft Way, Re	dmond, W	ashington 9	8052 (A	\SSIG1	NEE'S
						here in p			
	on <u>A</u>	ugu	st 29, 2	016 and	given Appl	ication No. $\frac{1}{2}$	5/250,6	328	by
	the	foll	owing	Office)	this
	APPL	ICAT	ΓΙΟΝ's /	Application	No., filing	date, and Of	fice, wh	en kn	own;
	was 1	filed	on		_ and was	given Applic	ation		
	No _			by the	following	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"));

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WHG16333

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3	08/29/2016
Inventor's Signature	Date
Tzu-Yuan Lin	
Printed Name in English	Printed Name in Native Language (if other than English)

I <u>John Christopher Collins</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>VARIABLE LAYER THICKNESS IN CURVED BATTERY CELL</u>" ("APPLICATION"), which:

\times	will	be	filed.	ASS	SIGNOR	hereby	auth	orizes,	and	requ	iests,
	ASSI	GNE	E'S lega	al rep	resenta	tive, Mic	rosoft	Techno	ology	Licer	ısing,
	LLC,	One	Micros	soft W	ay, Redi	mond, W	ashing'	ton 980	052 (A	ASSIG	NEE'S
	LEG/	AL R	EPRESE	NTAT	IVES), t	o inser	here	in pa	renthe	eses	(filed
	on <u>/</u>	∖ugu	st 29, 2	2016	_ and gi	ven App	lication	1 No. <u>15</u>	/250,	628	by
	the	foll	owing	Offic	e)	this
	APPL	-ICA	ΓΙΟΝ's .	Applic	ation No	o., filing	date, a	nd Offi	ce, wh	en kr	iown;
	was	filed	on			and was	given	Applica	tion		
	No _				by the f	ollowing	Office	<u> </u>			
	"										

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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).

Underfield	8/29/2016
Inventor's Signature	Date
John Christopher Collins	
Printed Name in English	Printed Name in Native Language
	(if other than English)

RECORDED: 10/13/2017