# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5060277

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DONGLI ZENG	08/09/2016
TZU-YUAN LIN	08/05/2016
JOHN CHRISTOPHER COLLINS	08/05/2016
VIJAYASEKARAN BOOVARAGAVAN	07/19/2017
MICHAEL NIKKHOO	08/09/2016

#### **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:	15237455

### **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:** 4257079382

Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

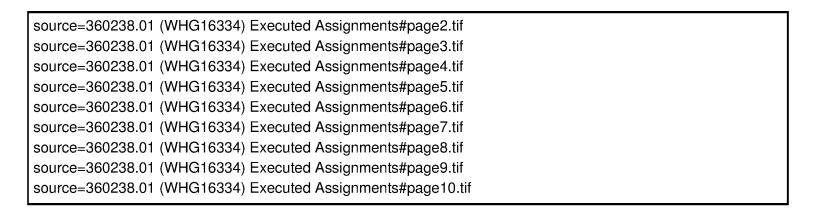
ATTORNEY DOCKET NUMBER:	360238.01 (WHG16334)
NAME OF SUBMITTER:	HEIDI LAUMAN
SIGNATURE:	/HEIDI LAUMAN/
DATE SIGNED:	07/20/2018

**Total Attachments: 10** 

source=360238.01 (WHG16334) Executed Assignments#page1.tif

PATENT REEL: 046414 FRAME: 0121

505013529



PATENT REEL: 046414 FRAME: 0122

Application No.	Filing Date	Office	

MS Docket No.:

WHG16334

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"));

2/2/2	8/9/2016
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 "BATTERY WITH PERFORATED CONTINUOUS SEPARATOR" ("APPLICATION"), which:

$\boxtimes$	will	be	filed.	ASSIGN	OR h	ereby	auth	orizes,	and	requ	uests,
	ASSI	GNE	E'S lega	ıl represe	ntative	, Mici	rosoft	Techn	ology	Licer	nsing,
	LLC,	One	Micros	oft Way, I	Redmo	nd, Wa	ashing	ton 98	052 (/	ASSIG	NEE'S
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	the	foll	owing	Office						)	this
	APPI	-ICA	TION's A	Applicatio	n No.,	filing (	date, a	nd Offi	ce, wł	nen ki	nown;
	was	filed	on		and	d was	given .	Applica	tion		
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	"					;					

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	

MS Docket No.:

WHG16334

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"));

<u></u>	08/05/2016
Inventor's Signature	Date
Tzu-Yuan Lin	林子元
Printed Name in English	Printed Name in Native Language
	(if other than English)

	PATENT ASSIGNMENT	MS Docket No.:	WHG16334
joint inventage application	n Christopher Collins ("ASSIGNOR") am or of subject matter ("INVENTION") di entitled " <u>BATTERY WITH PERFOR</u> ON"), which:	sclosed and/or cla	imed in a patent
	will be filed. ASSIGNOR hereby	authorizes, and	requests,
	ASSIGNEE'S legal representative, MicLLC, One Microsoft Way, Redmond, WILEGAL REPRESENTATIVES), to inseron August 15, 2016 and given Appointe following Office APPLICATION's Application No., filing	/ashington 98052 (/ t here in parenth lication No. <u>15/237,</u>	ASSIGNEE'S eses (filed 455by ) this
	was filed on and was  No by the following  "";		
behalf of its of acquiring priority, in t derived thei United State	esoft Technology Licensing, LLC, a Was elf and its successors and assigns ("ASS i, the entire and exclusive rights, title he INVENTION and the APPLICATION (a refrom, such as continuing application s, its territories, and all foreign countr	IGNEE"), is entitled to and interest, incluind all other applica s, in whole or in pa ies ("APPLICATION D	o, and is desirous ding the right of tions and patents art, in and for the DERIVATIVES"));
)ICCA	INOR hereby authorizes, and requests,	MADIUNEE 3 LEUAL I	verkedeniaiine:

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.	<b>\$</b>	
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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"));

h ohr ch	45/2016
Inventor's Signature	Date
John Christopher Collins	
Printed Name in English	Printed Name in Native Language
	(if other than English)

	PATENT ASSIGNMENT	MS Docket No.:	WHG16334
joint invento	asekaran Boovaragavan ("ASSIGNOR") a or of subject matter ("INVENTION") di entitled " <u>BATTERY WITH PERFOR</u> DN"), which:	sclosed and/or cla	imed 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 Appl the following Office APPLICATION's Application No., filing	rosoft Technology ashington 98052 (A there in parentholication No.	Licensing, ASSIGNEE'S eses (filedby) this
	was filed on <u>August 15, 2016</u> and wa <u>15/237,455</u> by the following Office " <u>I</u> <u>Office</u> ";		
behalf of itse of acquiring, priority, in the derived there	soft Technology Licensing, LLC, a Washelf and its successors and assigns ("ASSI, the entire and exclusive rights, title ne INVENTION and the APPLICATION (a efrom, such as continuing applications and all foreign countries and all foreign countries.	GNEE"), is entitled t and interest, inclu nd all other applica s, in whole or in pa	o, and is desirous ding the right of tions and patents rt, in and for the

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

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"));

Inventor's Signature	7/19/2017 Date
Vijayasekaran Boʻovaragavan	
Printed Name in English	Printed Name in Native Language (if other than English)

	PATENT ASSIGNMENT	MS Docket No.:	<u>WHG16334</u>
inventor of	<u>nael Nikkhoo</u> ("ASSIGNOR") am the c subject matter ("INVENTION") disc entitled " <u>BATTERY WITH PERFO</u> I DN"), which:	losed and/or clain	ned in a paten
	will be filed. ASSIGNOR hereby ASSIGNEE'S legal representative, MilLLC, One Microsoft Way, Redmond, V LEGAL REPRESENTATIVES), to insert on August 15, 2016 and given Appethe following Office  APPLICATION'S Application No., filing	crosoft Technology Vashington 98052 (/ t here in parentho dication No. 15/237,	Licensing, ASSIGNEE'S eses (filed 455by ) this
	was filed on and was  No by the following  "":	141	
behalf of itse of acquiring priority, in the derived there	soft Technology Licensing, LLC, a Was elf and its successors and assigns ("ASS , the entire and exclusive rights, title ne INVENTION and the APPLICATION (a efrom, such as continuing application s, its territories, and all foreign countr	iIGNEE"), is entitled to and interest, incluand all other applicates, in whole or in pa	o, and is desirous ding the right o tions and patents rt, in and for the
to insert the	NOR hereby authorizes, and requests, Application No., filing date, and Of NOERIVATIVES after they are known;		

Application No. Filing Date Office

Page 1 of 2

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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).

A	08-09-2016
Inventor's Signature	Date
Michael Nikkhoo	
Printed Name in English	Printed Name in Native Language
	(if other than English)

**RECORDED: 07/20/2018**