### 504919652 05/17/2018

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4966398

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHAU VAN HO	05/14/2018
LAWRENCE DAVID AZZANO	05/14/2018
DAVID OTTO WHITT III	05/14/2018
ANDREW DOUGLAS DELANO	05/14/2018
LINCOLN GHIONI	05/14/2018

#### **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:	15979264

### **CORRESPONDENCE DATA**

Fax Number:

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.

Email: ejasinska@lsk-iplaw.com
Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

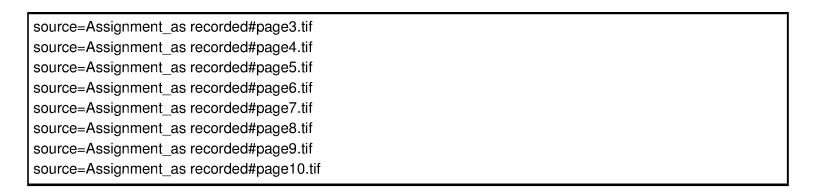
Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	404195-US-NP
NAME OF SUBMITTER:	TYLER W. WEBB
SIGNATURE:	/Tyler W. Webb/
DATE SIGNED:	05/15/2018

**Total Attachments: 10** 

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> PATENT REEL: 045835 FRAME: 0262



PATENT REEL: 045835 FRAME: 0263

I <u>Cha</u> u	<u>ı Van HO</u> ("ASSIGNO	R") am the orig	nal invento	or or an origina	al joint inventor
of subject ma	atter ("INVENTION")	disclosed and/d	r claimed i	n a patent app	lication entitled
" <u>DYNAMIC</u>	THERMAL MANA	AGEMENT FO	R OPTIM	AL BATTERY	<u>CHARGING</u>
("APPLICATIO	)N"), which:				
$\boxtimes$	will be filed.	ASSIGNOR her	eby autho	orizes, and i	equests,
	ASSIGNEE'S legal i	representative,	Microsoft	Technology L	icensing,
	LLC., One Microsof	t Way, Redmon	d, Washing	ton 98052 (AS	SIGNEE'S
	LEGAL REPRESENTA	ATIVES), to ins	ert here in	parentheses	(filed on
	<u>May 14, </u>	<u> 2018</u>	ınd g	jiven Ap	plication
	No. <u>15/979,264</u>	b	y the follov	ving Office <u>US</u>	<ul><li>United</li></ul>
	States Patent and T	rademark Offic	e) this APPI	LICATION's Ap	plication
	No., filing date, an	d Office, when	known;		
	was filed on	and v	vas given <i>A</i>	Application	
	No		_		
		,	- ',		
Micro	soft Technology Lic	ensing, LLC, a \	Vashington	limited liabili	ty company, on
behalf of itse	elf and its successor	s and assigns ("	ASSIGNEE")	, is entitled to,	and is desirous
of acquiring	, the entire and ex	clusive rights,	itle and in	terest, includi	ng the right of
priority, in th	ne INVENTION and t	he APPLICATIO	N (and all o	ther application	ons and patents
derived there	efrom, such as cont	tinuing applicat	ions, in wh	nole or in part	, in and for the
United States	s, its territories, and	l all foreign cou	ntries ("AP	PLICATION DE	RIVATIVES"));
ASSIG	NOR hereby authori	zes, and reque	sts, ASSIGN	EE'S LEGAL RE	PRESENTATIVES
to insert the	e Application No., f	iling date, and	Office into	o the followin	g table for any
APPLICATION	N DERIVATIVES after	they are know	ı;		
Application	No.	Filing Date		Office	

Page 1 of 2

MS Docket No.: <u>404195-US-NP</u>

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

Chau Van HO
Printed Name in English

Printed Name in Native Language (if other than English)

	PAIEN	I ADDICINICINI	IAI2 DOCKEL	NO.: 404193-US-NP
				entor or an original
				claimed in a patent
			AGEMENT FOR	OPTIMAL BATTERY
<u>CHARGING</u> " (	("APPLICATION"), w	/hich:		
$\boxtimes$	will be filed.	ASSIGNOR hereby	authorizes, a	nd requests,
		representative, Mic		
	LLC., One Microso	oft Way, Redmond, W	ashington 9805	2 (ASSIGNEE'S
	LEGAL REPRESEN	TATIVES), to insert	t here in parer	ntheses (filed
		and given App		
		Office U.S. Patent		
	APPLICATION'S A	pplication No., filing	date, and Office,	when known;
	was filed on	and was	given Applicatio	'n
		by the following		
	81			
behalf of itse of acquiring priority, in th derived there United States ASSIG to insert the	elf and its successo , the entire and ex ne INVENTION and efrom, such as cor s, its territories, an NOR hereby author e Application No.,	rs and assigns ("ASS xclusive rights, title the APPLICATION (antinuing application and all foreign countrivizes, and requests, filing date, and Office (1985)	IGNEE"), is entitle and interest, in nd all other appl s, in whole or in ies ("APPLICATIOI ASSIGNEE'S LEGA	iability company, oned to, and is desirous icluding the right of lications and patents part, in and for the N DERIVATIVES"));  AL REPRESENTATIVES owing table for any
APPLICATION Application	NO DERIVATIVES afte	···· <del>p</del> ······	Office	
whhiirannii	140.	Filing Date	Onice	
		<b>.</b>		

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"));

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

Lawrence David AZZANO

Printed Name in English Printed Name in Native Language (if other than English)

MS Docket No.: 404195-US-NP

# PATENT ASSIGNMENT MS Docket No.: 404195-US-NP

		·
I David Otto Whitt III ("AS	SSIGNOR") am the original	inventor or an original joint
inventor of subject matter ("I	·	<del>-</del> •
application entitled "DYNAMIC		
<u>CHARGING</u> " ("APPLICATION"), wh		
<u> </u>		
	ACCICNOD banalan antha	
	ASSIGNOR hereby autho	
•	epresentative, Microsoft	<i>5</i> ,
•	t Way, Redmond, Washingt	
	ATIVES), to insert here in	
<u>May 14, </u>		iven Application
	by the follow	
<u>States Patent and T</u>	<u>rademark Office</u> ) this APPL	ICATION's Application
No., filing date, and	d Office, when known;	
$\square$ was filed on	and was given A	pplication
	by the following Office	
u	". ".	
Microsoft Technology Lice	ensing, LLC, a Washington	limited liability company, on
behalf of itself and its successors		
of acquiring, the entire and exc	<del>-</del>	
priority, in the INVENTION and the	<del>-</del>	
derived therefrom, such as cont		
United States, its territories, and		•
officed States, its territories, and	an foreign countries ( Air	EICATION BERIVATIVES ///,
ASSICNOR haraby authori	zos and roquests ASSICNI	EE'S LEGAL REPRESENTATIVES
to insert the Application No., fi	•	
• •	-	the following table for any
APPLICATION DERIVATIVES after	•	or.
Application No.	Filing Date	Office

Page 1 of 2

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 significant

Date

David Otto WHITT III

Printed Name in English

Printed Name in Native Language (if other than English)

joint inventor of subject matter	r ("INVENTION") disclosed	•
application entitled " <u>DYNAMIC</u> CHARGING" ("APPLICATION"), wh		<u>IT FOR OPTIMAL BATTERY</u>
ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENTA May 14, No. 15/979,264 States Patent and T No., filing date, and	by the follow  Trademark Office) this APPL  d Office, when known;  and was given A  by the following Office	Technology Licensing, ton 98052 (ASSIGNEE'S parentheses (filed on liven Application wing Office US – United LICATION's Application
behalf of itself and its successors of acquiring, the entire and exception priority, in the INVENTION and the derived therefrom, such as contunited States, its territories, and	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o cinuing applications, in wh all foreign countries ("APF	terest, including the right of ther applications and patents tole or in part, in and for the PLICATION DERIVATIVES"));
ASSIGNOR hereby authorized insert the Application No., for APPLICATION DERIVATIVES after	iling date, and Office into	EE'S LEGAL REPRESENTATIVES  the following table for any
Application No.	Filing Date	Office

Page 1 of 2

MS Docket No.: <u>404195-US-NP</u>

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

**Andrew Douglas DELANO** 

Printed Name in English

Printed Name in Native Language (if other than English)

Page 2 of 2

### PATENT ASSIGNMENT MS Docket No.: 404195-US-NP

CHARGING" ("APPLICATION"), which:

application entitled "DYNAMIC THERMAL

			7 25 CONTO 1 (O) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u>
l <u>Lincoln</u>	GHIONI ("ASSIGNOR")	am the original	inventor or an origina	l joint
			and/or claimed in a	•
application enti	tled "DYNAMIC THER	RMAL MANAGEM	ENT FOR OPTIMAL BA	TTERY

$\boxtimes$	will be filed. ASSIGNOR hereby authorizes, and requests,
	ASSIGNEE'S legal representative, Microsoft Technology Licensing,
	LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
	LEGAL REPRESENTATIVES), to insert here in parentheses (filed
	on May 14, 2018 and given Application No. 15/979,264 by
	the following Office U.S. Patent and Trademark Office ) this
	APPLICATION's Application No., filing date, and Office, when known;
	was filed on and was given Application
	No by the following Office
	n.

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
	:	
=		80
		:

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

Lincoln GHIONI

Printed Name in English

Printed Name in Native Language
(if other than English)