503475474 09/11/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3522099

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARKUS AALTONEN	09/08/2015
JUHA KUUSISTO	09/09/2015
JARNO RAJALA	09/10/2015
MIKA-PETTERI LUNDGREN	09/10/2015
MARKKU RAJAMÄKI	09/08/2015

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:	14851392

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.

Phone: 425-707-9382 Email: mkey@zetelaw.com

Correspondent Name: MICROSOFT TECHNOLOGY LICENSING, LLC

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

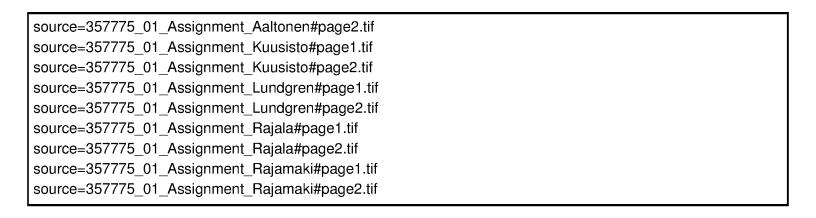
ATTORNEY DOCKET NUMBER:	357775.01
NAME OF SUBMITTER:	MACLANE C. KEY
SIGNATURE:	/MacLane C. Key/
DATE SIGNED:	09/11/2015

Total Attachments: 10

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PATENT REEL: 036542 FRAME: 0173

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PATENT REEL: 036542 FRAME: 0174

PATE	NT ASSIGNMENT	MS Docket No.: 357775.01	
inventor of subject matt	er ("INVENTION") disclo	riginal inventor or an original join sed and/or claimed in a pater GING" ("APPLICATION"), which:	
ASSIGNEE'S II LLC., One (ASSIGNEE'S parentheses No. Office USE Application N	egal representative, Micr Microsoft Way, Redn LEGAL REPRESENTATIV (filed on September 11 14/851,392 by	VES), to insert here in , 2015 and given Application the following this APPLICATION's , when known;	
	by the following		
behalf of itself and its sidesirous of acquiring, the right of priority, in the INV patents derived therefrom for the United States, DERIVATIVES"));	uccessors and assigns (entire and exclusive righ ENTION and the APPLICA', such as continuing appl its territories, and all	ington limited liability company, o "ASSIGNEE"), is entitled to, and interest, including the TION (and all other applications and ications, in whole or in part, in an foreign countries ("APPLICATIO	is d d N
ASSIGNOR hereby			
following table for any APP		filing date, and Office into th fter they are known:	.3
Application No.	Filing Date	Office	*******

Dona 1 of 7

PATENT REEL: 036542 FRAME: 0175

Malla A	8-368-2015
Inventor's Signature	Date
Markus Aaltonen	MARKOS AZETONEN
Printed Name in English	Printed Name in Native Language (if other than English)

	PATENT	ASSIGNMENT	MS Docket No.: 3573	775.01
inventor of	subject matter	("INVENTION") disclos	inal inventor or an origin sed and/or claimed in a GING" ("APPLICATION"), wh	patent
X	will be filed.	ASSIGNOR hereby	authorizes, and requests	F
	LLC., One Mi (ASSIGNEE'S LE parentheses (file No. 14 Office USPTC	crosoft Way, Redm GAL REPRESENTATIV ed on September 11, /851,392 by	ES), to insert here in 2015 and given Application the following this APPLICATION'	? 1 1
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behalf of it desirous of right of prio patents deri	self and its succ acquiring, the en rity, in the INVENT ved therefrom, su ited States, its	essors and assigns (" tire and exclusive righ FION and the APPLICAT Ich as continuing appli	ngton limited liability comp 'ASSIGNEE"), is entitled to, ts, title and interest, includ TON (and all other application cations, in whole or in part foreign countries ("APPLI	and is ling the ons and , in and
ASSIG	NOR hereby	authorizes, and	requests, ASSIGNEE'S	LEGAL
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Application I		Filing Date	Office	

Page 1 of 2

PATENT	ASSIGNMENT	MS Docket No.:	357775.01

	09.09.2015
nventor's Signature	Date
Juha Kuusisto	Juha Kuusisto
Printed Name in English	Printed Name in Native Language
	(if other than English)

	PATENT .	ASSIGNMENT	MS Docket No.: 357775.	01
joint invento	r of subject matte	er ("INVENTION") dis	the original inventor or an orig closed and/or claimed in a pa GING" ("APPLICATION"), which:	tent
	ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEG parentheses (filed No. 14/8 Office USPTO	representative, Micr rosoft Way, Redn GAL REPRESENTATIV on September 11 51,392 by) this APPLICATION's	
		and was o		
behalf of its desirous of a right of prior patents deriv	self and its succe acquiring, the enti- rity, in the INVENTI ved therefrom, suc- ited States, its	ssors and assigns (re and exclusive rigi ON and the APPLICA h as continuing appl	ington limited liability company "ASSIGNEE"), is entitled to, an hts, title and interest, including TION (and all other applications lications, in whole or in part, in foreign countries ("APPLICAT	d is the and and
REPRESENTA	TIVES to insert t	he Application No.,	requests, ASSIGNEE'S LE filing date, and Office into fter they are known;	
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HP Lumin	09/10/2015
Inventor's Signature	Date
Mika-Petteri Lundgren	Mika-Perceri Lundgren
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Jarno Rajala ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADAPTIVE BATTERY CHARGING" ("APPLICATION"), which: 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 September 11, 2015and given Application 14/851,392 by the Office USPTO this APPLICATION's Application No., filing date, and Office, when known; 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 reauests. ASSIGNEE'S REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Application No. Office Filing Date

Page 1 of 2

MS Docket No.: 357775.01

PATENT ASSIGNMENT

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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"));

	2015-09-10
Inventor's Signature	Date
Jarno Rajala	Jarno Rajala
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

MS Docket No.: 357775.01

I <u>Markku Rajamäki</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ADAPTIVE BATTERY CHARGING" ("APPLICATION"), which:

X	will be filed.	ASSIGNOR	hereby	authoria	zes, an	d reque:	sts,
	ASSIGNEE'S lega	l representat	ive, Micr	osoft Te	chnolog	y Licensi	ng,
	LLC., One M	icrosoft Wa	y, Redn	nond, \	Washing [*]	ton 980)52
	(ASSIGNEE'S LI	EGAL REPRE	SENTATIV	/ES), to	inser	t here	in
	parentheses (fil	ed on <u>Sept</u> e	ember 11	<u>201</u> 5 an	d given	Applicat	ion
	No. 14/8	51,392	by	t	he	follow	ing
	Office <u>USPT</u>)			his AP	PLICATIO	N's
	Application No.,	filing date, a	nd Office	, when k	nown;		
	was filed on		ınd was ç	jiven App	olication		
	No	by the f	ollowing	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:

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halleili	8-Sep-15
Inventor's Signature	Date
Markku Rajamäki	MARKKU RAJAMÄKI
Printed Name in English	Printed Name in Native Language (if other than English)