# 504622772 11/01/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4669490

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ANDREW MAIMONE	04/07/2017
JOEL STEVEN KOLLIN	04/12/2017
JOSHUA OWEN MILLER	04/17/2017
TUOMAS VALLIUS	04/11/2017
RICHARD ANDREW WALL	04/13/2017

#### 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:	15800993

## **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: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

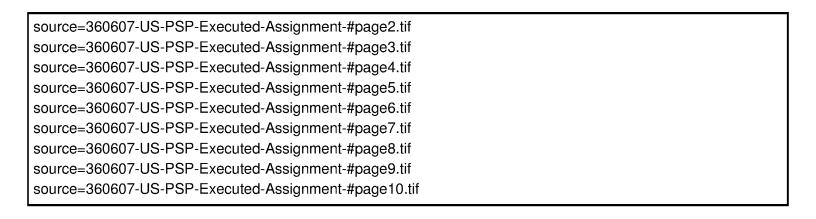
ATTORNEY DOCKET NUMBER:	360607-US-NP
NAME OF SUBMITTER:	LISA BIANCO
SIGNATURE:	/lisabianco/
DATE SIGNED:	11/01/2017

**Total Attachments: 10** 

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PATENT REEL: 044010 FRAME: 0670

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PATENT REEL: 044010 FRAME: 0671

PATENT ASSIGNMENT		MS Docket No.: 360607-US-PSP
joint inventor of subject magnication entitled "WAVI	atter ("INVENTION") dis EGUIDE DISPLAY W	the original inventor or an origina sclosed and/or claimed in a paten VITH INCREASED UNIFORMITY COLORS" ("APPLICATION"),which:
ASSIGNEE'S leg LLC., One M (ASSIGNEE'S I parentheses (fi	jal representative, Mico Microsoft Way, Redo LEGAL REPRESENTATI	VES), to insert here inand given Application No. following Office nis APPLICATION's
	o <u>ril 7, 2017</u> and was give the following Office " <u>U</u> !	
behalf of itself and its suc desirous of acquiring, the e right of priority, in the INVEN patents derived therefrom, s	ccessors and assigns on the control of the control of the control of the continuing appoints and the continuing appoints and continuints and continuin	nington limited liability company, on ("ASSIGNEE"), is entitled to, and interest, including the hts, title and interest, including the TION (and all other applications and lications, in whole or in part, in and foreign countries ("APPLICATION
•	• •	, filing date, and Office into the
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"));

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).

Down Min	4/7/2017
Inventor's Signature	Date
Andrew Maimone	<u> </u>
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT	MS	Docket No.: 360607-US-PSP
I, Joel Steven Kollin ("A inventor of subject matter (application entitled "WAVEG" AND REDUCED CROSS-COU	"INVENTION") disclosed a	INCREASED UNIFORMITY
ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (filed	ASSIGNOR hereby authorepresentative, Microsoft representative, Microsoft way, Redmond, and the by the	Technology Licensing, Washington 98052 to insert here in digiven Application No. following Office APPLICATION's
	7, 2017and was given App following Office " <u>USPTO</u> ";	olication No.
Microsoft Technology Lid behalf of itself and its success desirous of acquiring, the entity 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
ASSIGNOR hereby REPRESENTATIVES to insert tl following table for any APPLICA	• •	g date, and Office into the
Application No.	Filing Date	Office
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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"));

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Inventor's Signature

Joel Steven Kollin

Printed Name in English

Printed Name in Native Language
(if other than English)

MS Docket No.: 360607-US-PSP

inventor of subject matter application entitled "WAVE	EGUIDE DISPLAY W	sed and/or claim	ned in a patent  O UNIFORMITY
AND REDUCED CROSS-CO	OUPLING BETWEEN	COLORS" ("APPLIC	CATION"),which:
legal represent Microsoft Way, REPRESENTATIN on the following	SIGNOR hereby authoriz tative, Microsoft Techr Redmond, Washingtor /ES), to insert her and given Applic Office Application No., filing o	nology Licensing, n 98052 (ASSIGNE re in parenthes cation No.	LLC., One E'S LEGAL Ses (filed by )this
	o <u>ril 7, 2017</u> and was give the following Office " <u>US</u>		
behalf of itself and its succes of acquiring, the entire and priority, in the INVENTION ar derived therefrom, such as United States, its territories,	exclusive rights, title nd the APPLICATION (an continuing applications	and interest, inclund all other applicate, in whole or in pa	ding the right of tions and patents irt, in and for the
ASSIGNOR hereby autito insert the Application No	horizes, and requests, A o., filing date, and Offi		
APPLICATION DERIVATIVES a			
Application No.	Filing Date	Office	

MS Docket No.: <u>3606</u>07-US-PSP

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");

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Inventor's Signature

Date

Joshua Owen Miller

Printed Name in English

Printed Name in Native Language

(if other than English)

inventor of application e	subject matter ( ntitled "WAVEG	("INVENTION") WIDE DISPLA	disclosed AY WITH	I inventor or an original join and/or claimed in a paten INCREASED UNIFORMITY ORS" ("APPLICATION"), which:	t
,    -  -  -  -	ASSIGNEE'S legal LC., One Mic ASSIGNEE'S LEG	representative crosoft Way, GAL REPRESEN d on by	, Microsoft Redmond, NTATIVES),an the)this	orizes, and requests, t Technology Licensing, t Washington 98052 to insert here in d given Application No. following Office APPLICATION's	
	was filed on <u>April</u> 62/483,250 by the		-	-	
behalf of itse desirous of ac right of priorit patents derive	If and its succe equiring, the enti ey, in the INVENTI d therefrom, suc ed States, its	ssors and assi re and exclusiv ON and the API h as continuing	igns ("ASSI /e rights, ti PLICATION g applicatio	in limited liability company, or GNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and ign countries ("APPLICATION	5 1 1
REPRESENTATI		he Application	No., filin	uests, ASSIGNEE'S LEGAL g date, and Office into the	
	for any APPLICA	, , , , , , , , , , , , , , , , , , ,	VES after th	·	
Application No	),	Filing Date		Office	

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Inventor's Signature

Date

Tuomas Vallius

Printed Name in English

Printed Name in Native Language

(if other than English)

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Ø		<u>ril 7, 2017</u> and was gi <sup>,</sup> the following Office " <u>I</u>		
behalf of its desirous of a right of prior	self and its succe acquiring, the er ity, in the INVEN ved therefrom, si	cessors and assigns ntire and exclusive rig TION and the APPLIC, uch as continuing app	hington limited liability com ("ASSIGNEE"), is entitled to ghts, title and interest, inclu ATION (and all other applica plications, in whole or in pa I foreign countries ("APPI	o, and is uding the tions and
for the Un DERIVATIVES ASSIG REPRESENTA	")); NOR hereby TIVES to insert	authorizes, and the Application No	requests, ASSIGNEE'S ., filling date, and Office	LICATION LEGAL
for the Un DERIVATIVES ASSIG REPRESENTA	")); NOR hereby TIVES to insert ile for any APPLIC	authorizes, and the Application No		LICATION LEGAL

RECORDED: 11/01/2017

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P. Mh Ww	4(13/17 <del>-</del>
Inventor's Signature	Date
Richard Andrew Wall	
Printed Name in English	Printed Name in Native Language
	(if other than English)