#### 504431754 06/26/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4478455

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PETER BLAIR GONZALEZ DEL SOLAR	06/26/2017
MARC PASARIN SOLER	06/26/2017
IAN CLANTON-THUON	06/26/2017
PATRICK MILLER	06/26/2017

### **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:	15633548

## **CORRESPONDENCE DATA**

Fax Number: (425)401-5199

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: 2065698198 Email: jim@liangip.com **Correspondent Name: CHEN LIANG** 

1750 112TH AVE NE, SUITE D-151 Address Line 1: Address Line 4: BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER:	402206-US-NP
NAME OF SUBMITTER:	CHEN LIANG
SIGNATURE:	/Chen Liang/
DATE SIGNED:	06/26/2017

## **Total Attachments: 8**

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**PATENT** REEL: 042819 FRAME: 0731 504431754

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> PATENT REEL: 042819 FRAME: 0732

PATENT ASSIGNMENT MS Docket No.:402206-US-NP

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<b>[</b> 2]	ASSIGNEE'S legal LLC., One Microsof LEGAL REPRESENT on 6/26/2017 the following O	representative, Mit Way, Redmond, 'ATIVES), to inseand given Applefice USPTO	y authorizes, and recrosoft Technology Lic Washington 98052 (ASS rt here in parenthese plication No. 15/633,548 y date, and Office, when	censing, IGNEE'S s (filedbythis
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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")):

/	
	6/26/2017
Inventor's Signature	Date
Peter Blair Gonzalez del Solar	
Printed Name in English	Printed Name in Native Language
	(If other than English)

I <u>Mar</u>	c Pasarin Soler	("ASSIGNOR") am t	he original inventor or an
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X	will be filed.	ASSIGNOR hereby author	rizes, and requests,
	ASSIGNEE'S legal r	epresentative, Microsoft	Technology Licensing,
	LLC., One Microsof	t Way, Redmond, Washing	ton 98052 (ASSIGNEE'S
	LEGAL REPRESENT	ATIVES), to insert here	in parentheses (filed
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Page 1 of 2

**PATENT REEL: 042819 FRAME: 0735**  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"));

	6/26/2017
Inventor's Signature	Date
Marc Pasarin Soler	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>lan Clanton-Thuon</u> original joint inventor of subjection entitled " <u>M</u> ("APPLICATION"), which:	ect matter ("INVENTIO		
ASSIGNEE'S lega LLC., One Micros LEGAL REPRESE on <u>6/26/2017</u> the following	l representative, Mic oft Way, Redmond, W NTATIVES), to insert and given Appl OfficeUSPTO	authorizes, and reconsoft Technology Lice ashington 98052 (ASSIC here in parentheses ication No. 15/633,548 D date, and Office, when k	ensing, GNEE'S (filed by ) this
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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")):

a ah	6/26/2017
Inventor's Signature	Date
*	
Ian Clanton-Thuon	
Printed Name in English	Printed Name in Native Language
	(if other than English)

# PATENT ASSIGNMENT

MS Doc	ket No	.:4022	06-	US.	$\sim$ NP

joint invento	r of subject matter (	_ ("ASSIGNOR") am the original the original that	
X	ASSIGNEE'S legal r LLC., One Microsoft LEGAL REPRESENT. on 6/26/2017 the following Of	ASSIGNOR hereby authorepresentative, Microsoft Total Way, Redmond, Washingt ATIVES), to insert here and given Application IfficeUSPTO	Fechnology Licensing, on 98052 (ASSIGNEE'S in parentheses (filed No. 15/633,548 by
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Page 1 of 2

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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"));

7	June 24, 2017	
Inventor's Signature	Date	
Patrick Miller		
Printed Name in English	Printed Name in Native Language (if other than English)	