#### 503761373 03/30/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3808020

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
JOHN LINCOLN DEMARIS	03/28/2016
ADITI MANDAL	03/28/2016
BENJAMIN N TRUELOVE	03/29/2016
VICTOR POZNANSKI	03/30/2016

# **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:	15085476

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	MS1-6420US
NAME OF SUBMITTER:	ALEXIS COLLINS
SIGNATURE:	/Alexis Collins/
DATE SIGNED:	03/30/2016

**Total Attachments: 8** source=1HL8803#page1.tif source=1HL8803#page2.tif

> **PATENT** REEL: 038141 FRAME: 0595

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PATENT REEL: 038141 FRAME: 0596

PATENT A	SSIGNMENT		et No.: 359120.01
		Attorney Dock	et No.: MS1- 6420US
1	John Lincoln DeMai	<sup>is</sup> ("ASSIGN	OR") am the original inventor
	al joint inventor of subje		) disclosed and/or claimed in
a patent app	olication entitled	ልነው ማጣውን ፕላ ለመነነ ህ አያሮፕ	^A T^ A T^ A
	H DANU DINIGU	ND DROP TO APPLY MET	AUATA
("APPLICATION	ON"), which:		
	LLC., One Microsoft W. LEGAL REPRESENTATI on March 30, 2016 the following Office US	IGNOR hereby authoresentative, Microsoft ay, Redmond, Washington VES), to insert here and given Application in United States Patent pplication No., filing contaction and contaction of the polication of the poli	Technology Licensing, on 98052 (ASSIGNEE'S in parentheses (filed No. 15/085,476 by and Trademark Office)
	was filed on	and was given A	pplication
		by the following Office	<u>US – United States</u>
	Patent and Trademark	<u>Office</u> ;	
behalf of its of acquiring priority, in t derived the United State	elf and its successors and the entire and exclusion the entire and exclusion the following the follo	id assigns ("ASSIGNEE") live rights, title and in APPLICATION (and all o ing applications, in wh foreign countries ("API	limited liability company, on is entitled to, and is desirous terest, including the right of ther applications and patents ole or in part, in and for the PLICATION DERIVATIVES"));
to insert th		g date, and Office into	EE'S LEGAL REPRESENTATIVES  the following table for any
Application		ling Date	Office

Page 1 of 2

MS Docket No.: 359120.01

Attorney Docket No.: MS1-6420US

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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"));

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).

12/2	Z - 28-2016
Inventor's Signature	Date
John Lincoln DeMaris	
Printed Name in English	Printed Name in Native Language (if other than English)

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.: 359120.01

Attorney Docket No.: MS1-6420US

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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")):

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).

amandal	03/28/2016
Inventor's Signature	Date
Aditi Mandal	-25h-65 NON
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT			MS Docket No.:	359120.01
		Atto	mey Docket No.:	MS1- 6420US
I	Benjamin N Tro	jelove	("ASSIGNOR") ar	m the original inventor
or an origina				osed and/or claimed in
	USING DRA	AG AND DROP TO	APPLY METADATA	
("APPLICATIO	ON"), which:			
	will be filed.  ASSIGNEE'S legal LLC., One Microsof LEGAL REPRESENT on March 30, 2016 the following Offic this APPLICATION' known;  was filed on	representative, it Way, Redmond ATIVES), to ins and given A e <u>US - United Sta</u> s Application N	Microsoft Techno I, Washington 980 sert here in par pplication No. <u>15</u> i <u>tes Patent and Tr</u> o., filing date, ar	llogy Licensing, 052 (ASSIGNEE'S rentheses (filed 6/085,476 by ademark Office) nd Office, when
	No Patent and Tradem		ing Uπice <u>U2 – U</u> i	<u>nited States</u>
behalf of itse of acquiring priority, in the derived ther	elf and its successor , the entire and ex he INVENTION and t	s and assigns ("A clusive rights, ti he APPLICATION inuing applicati	SSIGNEE"), is enti- tle and interest, I (and all other ap ons, in whole or	d liability company, on tled to, and is desirous including the right of plications and patents in part, in and for the ON DERIVATIVES"));
to insert the		iling date, and	Office into the fo	GAL REPRESENTATIVES
Application	No.	Filing Date	Office	
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MS Docket No.: 359120.01

Attorney Docket No.: MS1-6420US

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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

Benjamin N Truelove

Printed Name in English

Date

Printed Name in Native Language

(if other than English)

United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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RECORDED: 03/30/2016

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V. Q.	3/20/16
Inventor's Signature	Date
Victor Poznanski	
Printed Name in English	Printed Name in Native Language
	(if other than English)