PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3254555

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER DAWOUD SHENOUDA DAWOUD	03/03/2015
ANOOSH SABOORI	03/03/2015
HIMANSHU SONI	03/03/2015
DUSTIN MICHAEL INGALLS	03/05/2015
NELLY L. PORTER	03/05/2015

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:	14640538

CORRESPONDENCE DATA

Fax Number: (509)323-8979

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: 509-324-9256

Email: alexisc@leehayes.com
Correspondent Name: LEE & HAYES, PLLC

Address Line 1: 601 W. RIVERSIDE AVENUE

Address Line 2: SUITE 1400

Address Line 4: SPOKANE, WASHINGTON 99201

NAME OF SUBMITTER: ALEXIS COLLINS	
SIGNATURE: /Alexis Collins/	
DATE SIGNED: 03/06/2015	

Total Attachments: 10

PATENT REEL: 035103 FRAME: 0941

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PATENT REEL: 035103 FRAME: 0942

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	

Attorney Docket No.: MS1- 5558US

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).

Tawoul	Mac 3rd 2015
Inventor's Signature	Date
Peter Dawoud Shenouda Dawoud	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT	MS Docket l	No.: <u>355898.02</u>
	Attorney Docket l	No.: MS1- 5558US
or an original joint inventor of su a patent application entitled		lisclosed and/or claimed in
ncidari ca	NG TRUST BETWEEN TWO DEV	IVE3
("APPLICATION"), which:		
ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENT on March 6, 2015 the following Office	ASSIGNOR hereby authorize presentative, Microsoft Teat Way, Redmond, Washington ATIVES), to insert here in and given Application Note that and the series of	chnology Licensing, 98052 (ASSIGNEE'S parentheses (filed o. 14/640,538 by d Trademark Office)
☐ was filed on	and was given App	vlication
	by the following Office <u>US</u>	
behalf of itself and its successors of acquiring, the entire and exc priority, in the INVENTION and ti derived therefrom, such as cont United States, its territories, and	dusive rights, title and interne APPLICATION (and all other inuing applications, in whole all foreign countries ("APPLI	entitled to, and is desirous rest, including the right of er applications and patents e or in part, in and for the CATION DERIVATIVES"));
ASSIGNOR hereby authori to insert the Application No., f APPLICATION DERIVATIVES after	<u>.</u>	
Application No.)ffice

Page 1 of 2

Attorney Docket No.: MS1-5558US

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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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المركزية ال

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"));

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Attorney Docket No.: MS1- 5558US

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	March 3rd 2015
Inventor's Signature	Date
Himanshu Soni	
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"));

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Application No.	Filing Date	Office

Attorney Docket No.: MS1- 5558US

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	March 5 2015
Inventor's Signature	Date
Dustin Michael Ingalls	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT	MS Docket No	o.: <u>355898.02</u>
	Attorney Docket No).: MS1- 5558US
	•	····
Nelly L. Porte	er ("ASSIGNOR")	am the original inventor
or an original joint inventor of su a patent application entitled		closed and/or claimed in
("APPLICATION"), which:		
ASSIGNEE'S legal re LLC., One Microsoft LEGAL REPRESENTA on March 6, 2015 the following Office	ASSIGNOR hereby authorizes Pepresentative, Microsoft Tech Way, Redmond, Washington S ATIVES), to insert here in p and given Application No. US – United States Patent and Application No., filing date,	nology Licensing, 98052 (ASSIGNEE'S parentheses (filed 14/640,538 by Trademark Office)
☐ was filed on	and was given Appli	cation
	by the following Office <u>US -</u>	
Patent and Tradem		neutlesianischeilesianustendekindeniste
Microsoft Technology Lice behalf of itself and its successors of acquiring, the entire and exc priority, in the INVENTION and the derived therefrom, such as conti United States, its territories, and	lusive rights, title and interested interested and all other inuing applications, in whole in	ntitled to, and is desirous st, including the right of applications and patents or in part, in and for the
ASSIGNOR hereby authoriz	res, and requests, ASSIGNEE'S	LEGAL REPRESENTATIVES
to insert the Application No., fi APPLICATION DERIVATIVES after	-	following table for any
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Attorney Docket No.: MS1-5558US

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Inventor's Signature

O3 / 05 / 20 / 15

Date

Nelly L. Porter

Printed Name in English

Printed Name in Native Language
(if other than English)