

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4479449

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YARN CHEE POON	12/06/2015
IAN NGUYEN	12/07/2015
ELIEZER GLIK	12/07/2015
TAPANI LEVOLA	12/16/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROSOFT TECHNOLOGY LICENSING, LLC
<b>Street Address:</b>	ONE MICROSOFT WAY
<b>City:</b>	REDMOND
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14973150
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)489-4150
<i>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.</i>	
<b>Phone:</b>	415-489-4100
<b>Email:</b>	hkim@vierramagen.com, usdocket@microsoft.com
<b>Correspondent Name:</b>	JEFFREY R. KURIN
<b>Address Line 1:</b>	575 MARKET STREET, SUITE 3750
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94105
<b>ATTORNEY DOCKET NUMBER:</b>	MSFT-01917US0
<b>NAME OF SUBMITTER:</b>	JEFFREY R. KURIN
<b>SIGNATURE:</b>	/Jeffrey R. Kurin/
<b>DATE SIGNED:</b>	06/27/2017
<b>Total Attachments: 8</b>	
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Docket No.: 358677.01

☒ 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 December 17, 2015 and given Application No. 14/973,150 by the following Office US – United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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"));

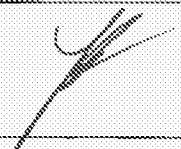
[illegible]

## PATENT ASSIGNMENT

Docket No.: 358677.01

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).

 _____ Inventor's Signature	<u>6/12/2015</u> _____ Date
<u>Yarn Chee Poon</u> _____ Printed Name in English	<u>潘恩賜</u> _____ Printed Name in Native Language (if other than English)

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 _____ Inventor's Signature	<u>12/7/2015</u> _____ Date
<u>Ian Nguyen</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

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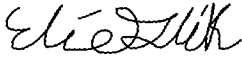
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	12/07/15
_____ Inventor's Signature	_____ Date
_____ Eliezer Glik	_____ Printed Name in Native Language (if other than English)
_____ Printed Name in English	



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	<u>16.12.2015</u>
Inventor's Signature	Date
<u>Tapani Levola</u>	
Printed Name in English	Printed Name in Native Language (if other than English)