

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3247589

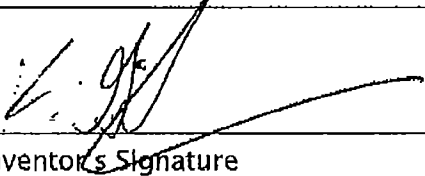
<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KIRK CHRISTOPHER GIBBONS	01/12/2015
DAVID SEYMOUR	01/08/2015
PREETINDERPAL SINGH MANGAT	01/09/2015
WILLIAM MICHAEL MOZELL	01/13/2015
WILLIAM BEN HANKE	01/09/2015
DASHAN YUE	01/09/2015
JEREMY BRUCE KERSEY	01/09/2015
HENRY STUART DENISON WATSON	01/09/2015
ENRICO WILLIAM GULD	01/09/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROSOFT CORPORATION
<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>
Application Number:	14602083
<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
<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-01825US1
<b>NAME OF SUBMITTER:</b>	JEFFREY R. KURIN

<b>SIGNATURE:</b>	/Jeffrey R. Kurin/
<b>DATE SIGNED:</b>	03/02/2015
<b>Total Attachments: 18</b> source=1825us1-assignment-signed-all#page1.tif source=1825us1-assignment-signed-all#page2.tif source=1825us1-assignment-signed-all#page3.tif source=1825us1-assignment-signed-all#page4.tif source=1825us1-assignment-signed-all#page5.tif source=1825us1-assignment-signed-all#page6.tif source=1825us1-assignment-signed-all#page7.tif source=1825us1-assignment-signed-all#page8.tif source=1825us1-assignment-signed-all#page9.tif source=1825us1-assignment-signed-all#page10.tif source=1825us1-assignment-signed-all#page11.tif source=1825us1-assignment-signed-all#page12.tif source=1825us1-assignment-signed-all#page13.tif source=1825us1-assignment-signed-all#page14.tif source=1825us1-assignment-signed-all#page15.tif source=1825us1-assignment-signed-all#page16.tif source=1825us1-assignment-signed-all#page17.tif source=1825us1-assignment-signed-all#page18.tif	



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"));

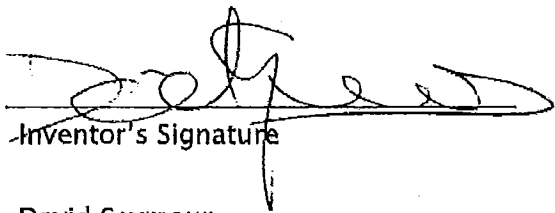
ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

	JAN. 12, 2015
Inventor's Signature	Date
Kirk Christopher Gibbons	KIRK GIBBONS
Printed Name in English	Printed Name in Native Language (If other than English)



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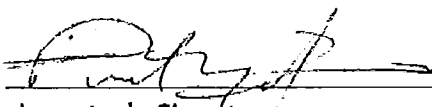
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	JAN 8, 2015
Inventor's Signature	Date
David Seymour	
Printed Name in English	Printed Name in Native Language (if other than English)



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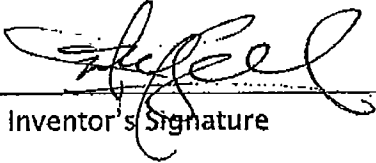
	<u>JAN 9, 2015</u>
Inventor's Signature	Date
<u>Preetinderpal Singh Mangat</u>	
Printed Name In English	Printed Name in Native Language (if other than English)





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	JAN 13 / 2015
Inventor's Signature	Date
William Michael Mozell	
Printed Name In English	Printed Name In Native Language (if other than English)



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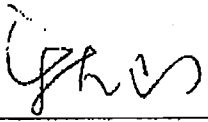
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<u>Berlem</u>	<u>9th Jan 2015</u>
Inventor's Signature	Date
<u>William Ben Hanke</u>	<u></u>
Printed Name In English	Printed Name In Native Language (if other than English)



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	9 JAN 2015
Inventor's Signature	Date
Dashan Yue	杨大山
Printed Name In English	Printed Name In Native Language (If other than English)



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 _____ Inventor's Signature	<u>Jan 9, 2015</u> _____ Date
<u>Jeremy Bruce Kersey</u> _____ Printed Name In English	_____ Printed Name in Native Language (if other than English)





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 _____ Inventor's Signature	<u>Jan 9<sup>th</sup>, 2015</u> _____ Date
Henry Stuart Denison Watson _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)



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	<u>Jan 9, 2015</u>
Inventor's Signature	Date
<u>Enrico William Guld</u>	
Printed Name in English	Printed Name in Native Language (if other than English)