

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3340157

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TOLGA OZGUNER	05/04/2015
ROBERT ALLEN SHEARER	05/04/2015
ELENE TERRY	05/01/2015
JONATHAN ROSS	05/01/2015
<b>RECEIVING PARTY DATA</b>	
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<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>	14704092
<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>	4154894100
<b>Email:</b>	gbaron@vierramagen.com
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<b>Address Line 1:</b>	575 MARKET STREET, SUITE 3750
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<b>ATTORNEY DOCKET NUMBER:</b>	MSFT-01842US0
<b>NAME OF SUBMITTER:</b>	BURT MAGEN
<b>SIGNATURE:</b>	/Burt Magen/
<b>DATE SIGNED:</b>	05/05/2015
<b>Total Attachments: 8</b>	
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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).

	<u>5/4/2015</u>
Inventor's Signature	Date
Tolga Ozguner	
Printed Name in English	Printed Name in Native Language (if other than English)




PATENT ASSIGNMENT

MS Docket No.: 356645.01

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"));

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	<u>5-4-15</u>
Inventor's Signature	Date
<u>Robert Allen Shearer</u>	
Printed Name in English	Printed Name in Native Language (if other than English)




PATENT ASSIGNMENT

MS Docket No.: 356645.01

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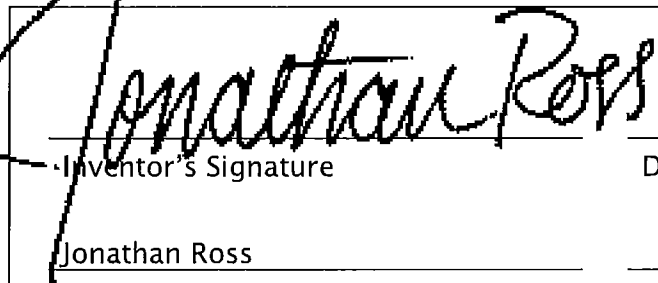
	<u>5/1/15</u>
Inventor's Signature	Date
<u>Elene Terry</u>	
Printed Name in English	Printed Name in Native Language (if other than English)





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	01May2015
Inventor's Signature	Date
Jonathan Ross	
Printed Name in English	Printed Name in Native Language (if other than English)