

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4479610


SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SCOTT WOLTMAN	10/28/2015
STEVEN JOHN ROBBINS	11/05/2015
R. ANDREW WALL	10/29/2015
TUOMAS VALLIUS	10/27/2015
TAPANI LEVOLA	11/10/2015
PASI KOSTAMO	10/30/2015
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:	14936973
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	415-489-4100
Email:	hkim@vierramagen.com, usdocket@microsoft.com
Correspondent Name:	JEFFREY R. KURIN
Address Line 1:	575 MARKET STREET, SUITE 3750
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94105
ATTORNEY DOCKET NUMBER:	MSFT-01874US0
NAME OF SUBMITTER:	JEFFREY R. KURIN
SIGNATURE:	/Jeffrey R. Kurin/
DATE SIGNED:	06/27/2017
Total Attachments: 12	

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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"));

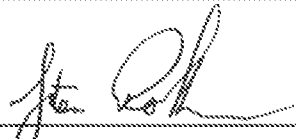
ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

 _____ Inventor's Signature	10/28/15 _____ Date
Scott Woltman _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

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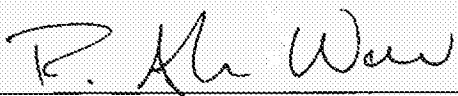
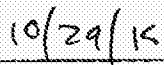
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	<i>5th Nov 2015</i>
_____ Inventor's Signature	_____ Date
<u>Steven John Robbins</u>	_____
Printed Name in English	Printed Name in Native Language (if other than English)

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<hr/> Inventor's Signature	<hr/> Date
R. Andrew Wall <hr/> Printed Name in English	<hr/> Printed Name in Native Language (if other than English)



PATENT ASSIGNMENT

Docket No.: 358115.01

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Inventor's Signature	Date
Tuomas Vallius	
Printed Name in English	Printed Name in Native Language (if other than English)

I Tapani Levola (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “WAVEGUIDE GRATINGS TO IMPROVE INTENSITY DISTRIBUTIONS” (“APPLICATION”), which:

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 **November 10, 2015** and given Application No. **14/936,973** by the following Office US – United States Patent and Trademark Office) this APPLICATION’s Application No., filing date, and Office, when known;

was filed on _____ and was given Application No _____ by the following Office “ _____ ”;

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”));

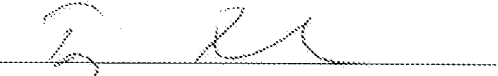
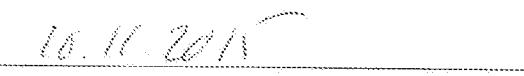
ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office

358115.01

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"));

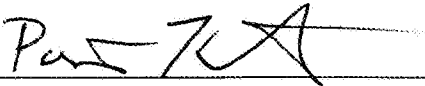
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Inventor's Signature	Date
Tapani Levola	
Printed Name in English	Printed Name in Native Language (if other than English)

358115.01

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	30.10.2015
Inventor's Signature	Date
Pasi Kostamo	
Printed Name in English	Printed Name in Native Language (if other than English)