

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAEHUN YOON	06/27/2014
AARON ROGAN	06/26/2014
BRADFORD R. CLARK	06/30/2014
MICHAEL HARRELL	06/30/2014
<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>
<b>Application Number:</b>	14320053
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(425)936-7329
<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>	425-707-9382
<b>Email:</b>	stevensp@microsoft.com
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<b>Address Line 1:</b>	ONE MICROSOFT WAY
<b>Address Line 4:</b>	REDMOND, WASHINGTON 98052
<b>ATTORNEY DOCKET NUMBER:</b>	341519.01
<b>NAME OF SUBMITTER:</b>	VLADAN M. VASILJEVIC
<b>SIGNATURE:</b>	/Vladan M. Vasiljevic/
<b>DATE SIGNED:</b>	06/30/2014
<b>Total Attachments: 8</b>	
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I Taehun Yoon ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "OBJECT DETECTION UTILIZING GEOMETRIC INFORMATION FUSED WITH IMAGE DATA" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on June 30, 2014 and given Application No. 14/320,053 by the following Office USPTO) this APPLICATION's Application No., filing date, and Office, when known;

was filed on \_\_\_\_\_ and was given Application No. \_\_\_\_\_ by the following Office " \_\_\_\_\_";


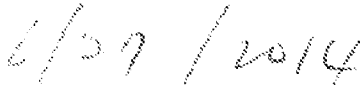

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications 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

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"));

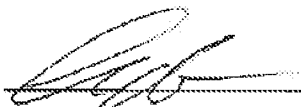
ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

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



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 _____ Inventor's Signature	<u>6/26/14</u> _____ Date
<u>Aaron Rogan</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Bradford R. Clark (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “OBJECT DETECTION UTILIZING GEOMETRIC INFORMATION FUSED WITH IMAGE DATA” (“APPLICATION”), which:

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 _____ Inventor's Signature	<u>6-30-14</u> _____ Date
<u>Bradford R. Clark</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)



I Michael Harrell ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "OBJECT DETECTION UTILIZING GEOMETRIC INFORMATION FUSED WITH IMAGE DATA" ("APPLICATION"), which:

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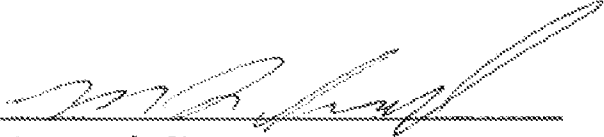
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 _____ Inventor's Signature	<u>6/30/2014</u> _____ Date
<u>Michael Harrell</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)