

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5666239

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JACK DANIEL CARON	07/31/2019
RAMIRO S. TORRES	08/12/2019
JOHN SCOTT IVERSON	07/31/2019
JAMIE BRYANT KIRSCHENBAUM	08/05/2019
<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>	16539365
<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>	425-538-9035
<b>Email:</b>	usdocket@microsoft.com
<b>Correspondent Name:</b>	MICROSOFT CORPORATION
<b>Address Line 1:</b>	ONE MICROSOFT WAY
<b>Address Line 4:</b>	REDMOND, WASHINGTON 98052
<b>ATTORNEY DOCKET NUMBER:</b>	406963-US-NP
<b>NAME OF SUBMITTER:</b>	VLADIMIR A. KOZYREV
<b>SIGNATURE:</b>	/VLADIMIR A. KOZYREV/
<b>DATE SIGNED:</b>	08/13/2019
<b>Total Attachments: 8</b>	
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source=2019-08-13 Executed Assignments 406963-US-NP#page2.tif	
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source=2019-08-13 Executed Assignments 406963-US-NP#page7.tif  
source=2019-08-13 Executed Assignments 406963-US-NP#page8.tif

I Jack Daniel CARON ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "BOUNDING VIRTUAL OBJECT" ("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 August 13, 2019 and given Application No. 16/539,365 by the following 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

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).

	<p>7/31/19</p>
<hr/> Inventor's Signature	<hr/> Date
Jack Daniel CARON	<hr/> Printed Name in Native Language (if other than English)
<hr/> Printed Name in English	

I Ramiro S. TORRES ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "BOUNDING VIRTUAL OBJECT" ("APPLICATION"), which:

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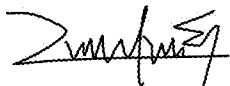
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	<u>08/12/2019</u>
<hr/> Inventor's Signature	<hr/> Date
Ramiro S. TORRES	<hr/> Printed Name in Native Language (if other than English)
<hr/> Printed Name in English	

PATENT ASSIGNMENT

MS Docket No.: 406963-US-NP

I John Scott IVERSON ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "BOUNDING VIRTUAL OBJECT" ("APPLICATION"), which:

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<u>John Scott Iverson</u> Inventor's Signature	<u>7-31-19</u> Date
<u>John Scott IVERSON</u> Printed Name in English	 Printed Name in Native Language (if other than English)



I Jamie Bryant KIRSCHENBAUM ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "BOUNDING VIRTUAL OBJECT" ("APPLICATION"), which:

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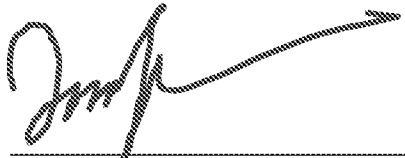
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	8/5/2019
_____ Inventor's Signature	_____ Date
_____ Jamie Bryant KIRSCHENBAUM	_____ Printed Name in Native Language (if other than English)
_____ Printed Name in English	