

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4924552

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the SPELLING OF THE 3RD INVENTORS LAST NAME previously recorded on Reel 043391 Frame 0599. Assignor(s) hereby confirms the LAST NAME IS DA VEIGA.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KENNETH LIAM KIEMELE	08/10/2017
MICHAEL ROBERT THOMAS	08/21/2017
ALEXANDRE DA VEIGA	08/24/2017
CHRISTIAN MICHAEL SADAK	08/11/2017
BRYANT DANIEL HAWTHORNE	08/16/2017
AARON D. KRAUSS	08/21/2017
AARON MACKAY BURNS	08/21/2017
<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>
Application Number:	15685870
<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>	4257079382
<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>	402751-US-NP
<b>NAME OF SUBMITTER:</b>	CATHERINE POLANCE
<b>SIGNATURE:</b>	/Catherine Polance/

DATE SIGNED:	04/19/2018
<b>Total Attachments: 18</b> source=Corrective Assignment (inventors to MTL)402751-US-NP#page1.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page2.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page3.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page4.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page5.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page6.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page7.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page8.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page9.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page10.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page11.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page12.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page13.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page14.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page15.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page16.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page17.tif source=Corrective Assignment (inventors to MTL)402751-US-NP#page18.tif	

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Your assignment has been received by the USPTO.  
The coversheet of the assignment is displayed below:

**PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1

Stylesheet Version v1.2

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>KENNETH LIAM KIEMELE</td><td>08/10/2017</td></tr><tr><td>MICHAEL ROBERT THOMAS</td><td>08/21/2017</td></tr><tr><td>ALEXANDRE <del>DA VIEGA</del> DA VEIGA</td><td>08/24/2017</td></tr><tr><td>CHRISTIAN MICHAEL SADAK</td><td>08/11/2017</td></tr><tr><td>BRYANT DANIEL HAWTHORNE</td><td>08/16/2017</td></tr><tr><td>AARON D. KRAUSS</td><td>08/21/2017</td></tr><tr><td>AARON MACKAY BURNS</td><td>08/21/2017</td></tr></tbody></table>		Name	Execution Date	KENNETH LIAM KIEMELE	08/10/2017	MICHAEL ROBERT THOMAS	08/21/2017	ALEXANDRE <del>DA VIEGA</del> DA VEIGA	08/24/2017	CHRISTIAN MICHAEL SADAK	08/11/2017	BRYANT DANIEL HAWTHORNE	08/16/2017	AARON D. KRAUSS	08/21/2017	AARON MACKAY BURNS	08/21/2017
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<b>Postal Code:</b>	98052																
<b>PROPERTY NUMBERS Total: 1</b>																	

**PATENT****REEL: 045990 FRAME: 0397**

8/24/2017, 2:56 PM

**MARKED - UP**

Property Type	Number
Application Number:	15685870

  
**CORRESPONDENCE DATA**  
  

Fax Number: (425)936-7329  
Phone: 425-707-9382  
Email: usdocket@microsoft.com  
*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.*  
Correspondent Name: MICROSOFT CORPORATION  
Address Line 1: ONE MICROSOFT WAY  
Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	402751-US-NP
NAME OF SUBMITTER:	CATHERINE POLANCE
Signature:	/Catherine Polance/
Date:	08/24/2017

  
**Total Attachments: 14**  
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**RECEIPT INFORMATION**  
  
EPAS ID: PAT4565571  
Receipt Date: 08/24/2017

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## PATENT ASSIGNMENT

MS Docket No.: 402751-US-NP

I Kenneth Liam KIEMELE ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VIRTUAL REALITY INPUT" ("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 24, 2017 and given Application No. 15/685,870 by the following Office U.S. 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 " \_\_\_\_\_";

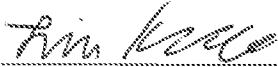
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (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"));

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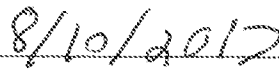
Application No.	Filing Date	Office

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

Kenneth Liam KIEMELE

Printed Name in English

Printed Name in Native Language  
(if other than English)

I Michael Robert THOMAS ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VIRTUAL REALITY INPUT" ("APPLICATION"), which:

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 Inventor's Signature	08/21/2017 Date
Michael Robert THOMAS Printed Name in English	 Printed Name in Native Language (if other than English)



I Alexandre DA VEIGA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VIRTUAL REALITY INPUT" ("APPLICATION"), which:

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	8/24/2017
_____ Inventor's Signature	_____ Date
Alexandre DA VEIGA	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Christian Michael SADAK ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VIRTUAL REALITY INPUT" ("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 24, 2017 and given Application No. 15/685,870 by the following Office U.S. Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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	08/11/2017
Inventor's Signature	Date
Christian Michael SADAK	
Printed Name in English	Printed Name in Native Language (if other than English)

I Bryant Daniel HAWTHORNE ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VIRTUAL REALITY INPUT" ("APPLICATION"), which:

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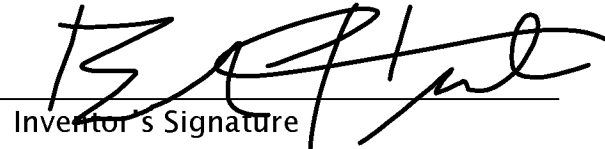
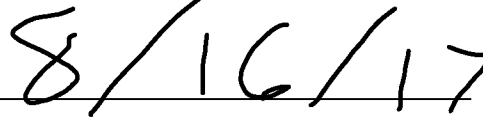
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 _____ Inventor's Signature	 _____ Date
Bryant Daniel HAWTHORNE _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Aaron D. KRAUSS ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VIRTUAL REALITY INPUT" ("APPLICATION"), which:

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	<u>8/21/17</u>
Inventor's Signature	Date
<u>Aaron D. KRAUSS</u>	
Printed Name in English	Printed Name in Native Language (if other than English)



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Inventor's Signature

21<sup>st</sup> Aug 2017

Date

Aaron Mackay BURNS

Printed Name in English

Printed Name in Native Language  
(if other than English)