

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4105737

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JONATHAN STEED	10/25/2012
AARON KRAUSS	10/25/2012
MIKE SCAVEZZE	10/23/2012
WEI ZHANG	10/25/2012
ARTHUR TOMLIN	10/30/2012
TONY AMBRUS	10/29/2012
BRIAN MOUNT	10/19/2012
STEPHEN LATTA	10/29/2012
RYAN HASTINGS	10/25/2012
RECEIVING PARTY DATA	
Name:	MICROSOFT CORPORATION
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15298528
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	425-707-9382
Email:	usdocket@microsoft.com
Correspondent Name:	MICROSOFT CORPORATION
Address Line 1:	ONE MICROSOFT WAY
Address Line 4:	REDMOND, WASHINGTON 98052
ATTORNEY DOCKET NUMBER:	336445-US-CNT
NAME OF SUBMITTER:	CATHERINE POLANCE

SIGNATURE:	/Catherine Polance/
DATE SIGNED:	10/20/2016
Total Attachments: 18 source=Assignment (inventors to MS) 336445-US-CNT#page1.tif source=Assignment (inventors to MS) 336445-US-CNT#page2.tif source=Assignment (inventors to MS) 336445-US-CNT#page3.tif source=Assignment (inventors to MS) 336445-US-CNT#page4.tif source=Assignment (inventors to MS) 336445-US-CNT#page5.tif source=Assignment (inventors to MS) 336445-US-CNT#page6.tif source=Assignment (inventors to MS) 336445-US-CNT#page7.tif source=Assignment (inventors to MS) 336445-US-CNT#page8.tif source=Assignment (inventors to MS) 336445-US-CNT#page9.tif source=Assignment (inventors to MS) 336445-US-CNT#page10.tif source=Assignment (inventors to MS) 336445-US-CNT#page11.tif source=Assignment (inventors to MS) 336445-US-CNT#page12.tif source=Assignment (inventors to MS) 336445-US-CNT#page13.tif source=Assignment (inventors to MS) 336445-US-CNT#page14.tif source=Assignment (inventors to MS) 336445-US-CNT#page15.tif source=Assignment (inventors to MS) 336445-US-CNT#page16.tif source=Assignment (inventors to MS) 336445-US-CNT#page17.tif source=Assignment (inventors to MS) 336445-US-CNT#page18.tif	

I, Jonathan Steed, ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONSTRUCTING AUGMENTED REALITY ENVIRONMENT WITH PRE-COMPUTED LIGHTING" ("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 November 5, 2012 and given Application No. 13/668,953 by the following Office _____) this APPLICATION's Application No., filing date, and Office, when known;

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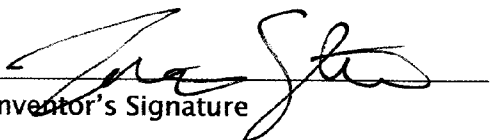
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Application No.	Filing Date	Office
15/298,528	October 20, 2016	USPTO

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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 in the INVENTION and the APPLICATION (and 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	<u>10/25/2012</u> Date
<u>Jonathan Steed</u> Printed Name in English	 Printed Name in Native Language (if other than English)

I, Aaron Krauss, ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONSTRUCTING AUGMENTED REALITY ENVIRONMENT WITH PRE-COMPUTED LIGHTING" ("APPLICATION"), which:

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	<u>10/25/2012</u>
Inventor's Signature	Date
Aaron Krauss	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 336445.01

I, Mike Scavezze, ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONSTRUCTING AUGMENTED REALITY ENVIRONMENT WITH PRE-COMPUTED LIGHTING" ("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 November 5, 2012 and given Application No. 13/668,953 by the following Office _____) this APPLICATION's Application No., filing date, and Office, when known;

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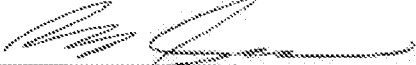
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PATENT ASSIGNMENT

MS Docket No.: 336445.01

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	<u>10/23/2012</u>
Inventor's Signature	Date
Mike Scavezze	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 336445.01

I, Wei Zhang, ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONSTRUCTING AUGMENTED REALITY ENVIRONMENT WITH PRE-COMPUTED LIGHTING" ("APPLICATION"), which:

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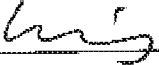
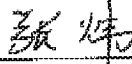
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PATENT ASSIGNMENT

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 _____ Inventor's Signature	<u>10/25/2012</u> _____ Date
Wei Zhang _____ Printed Name in English	 _____ Printed Name in Native Language (if other than English)

I, Arthur Tomlin, ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONSTRUCTING AUGMENTED REALITY ENVIRONMENT WITH PRE-COMPUTED LIGHTING" ("APPLICATION"), which:

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10/30/2012

Inventor's Signature

Date

Arthur Tomlin

Printed Name in English

Printed Name in Native Language
(if other than English)

PATENT ASSIGNMENT

MS Docket No.: 336445.01

I, Tony Ambrus, ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONSTRUCTING AUGMENTED REALITY ENVIRONMENT WITH PRE-COMPUTED LIGHTING" ("APPLICATION"), which:

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	<u>10/29/2012</u>
Inventor's Signature	Date
<u>Tony Ambrus</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I, Brian Mount, ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONSTRUCTING AUGMENTED REALITY ENVIRONMENT WITH PRE-COMPUTED LIGHTING" ("APPLICATION"), which:

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 _____ Inventor's Signature	<u>10-19-2017</u> _____ Date
<u>Brian Mount</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 336445.01

I, Stephen Latta, ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONSTRUCTING AUGMENTED REALITY ENVIRONMENT WITH PRE-COMPUTED LIGHTING" ("APPLICATION"), which:

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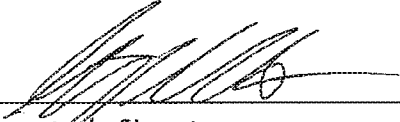
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	<u>10/29/12</u>
Inventor's Signature	Date
<u>Stephen Latta</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I, Ryan Hastings, ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONSTRUCTING AUGMENTED REALITY ENVIRONMENT WITH PRE-COMPUTED LIGHTING" ("APPLICATION"), which:

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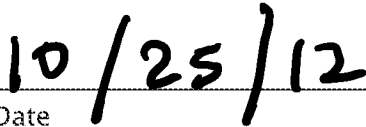
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Inventor's Signature	Date
Ryan Hastings	
Printed Name in English	Printed Name in Native Language (if other than English)