505577008 07/17/2019

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

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Name	Execution Date
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JOSHUA BENJAMIN EITEN	07/17/2019

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16515017

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ATTORNEY DOCKET NUMBER:	406909-US-NP/170101-384
NAME OF SUBMITTER:	ERIC M. SHELTON
SIGNATURE:	/Eric M. Shelton/
DATE SIGNED:	07/17/2019

Total Attachments: 4

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PATENT 505577008 REEL: 049783 FRAME: 0899

MS Docket No.: 406909-US-NP NovoTechIP Docket No.: 170101-384

			or an original joint inventor of
			patent application entitled "ON-
THE-FLY	ADJUSTMENT (<u>OF ORIENTATION O</u>	<u>F VIRTUAL OBJECTS.</u> "
("APPLICAT	TION"), which:		
\boxtimes	will be filed. ASSIC	SNOR hereby authorizes, and	l requests, ASSIGNEE'S
		Microsoft Technology Licens	•
		Washington 98052 (A	
	•	ES), to insert here i	
		_ and given Application No	
		S - United States Patent and	
		pplication No., filing date, an	
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	was filed on	and was given Applic	ention
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of itself and in the entire and and the APP continuing ap foreign count	ts successors and assig exclusive rights, title a PLICATION (and all	ns ("ASSIGNEE"), is entitled and interest, including the right other applications and pate or in part, in and for the Unit DERIVATIVES"));	tited liability company, on behalf to, and is desirous of acquiring, at of priority, in the INVENTION onts derived therefrom, such as ted States, its territories, and all tes, ASSIGNEE'S LEGAL
	-	•	nd Office into the following table
		IVES after they are known;	and come may be to the two to
Application		Filing Date	Office
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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"));

MS Docket No.: 406909-US-NP NovoTechIP Docket No.: 170101-384

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).

May	07/17/2019
Inventor's Signature	Date
Jia WANG	王嘉
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 406909-US-NP NovoTechIP Docket No.: 170101-384

I <u>Joshua Benjamin EITEN</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>ON-THE-FLY ADJUSTMENT OF ORIENTATION OF VIRTUAL OBJECTS</u>" ("APPLICATION"), which:

\boxtimes	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 July 17, 2019 and given Application No. 16/515,017 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
	",
	<u></u> ,

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"));

MS Docket No.: 406909-US-NP NovoTechIP Docket No.: 170101-384

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).

JE tu	7/17/2019
Inventor's Signature	Date
Joshua Benjamin EITEN	
Printed Name in English	Printed Name in Native Language (if other than English)