# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5379168

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JASON MATTHEW CAHILL	02/14/2019
JESSE DYLAN MERRIAM	02/14/2019
TORFI FRANS OLAFSSON	02/13/2019
MICHAEL MEINCKE PERSSON	02/15/2019
BRADLEY REID SHUBER	02/13/2019

#### **RECEIVING PARTY DATA**

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC	
Street Address: ONE MICROSOFT WAY		
Internal Address:	C/O MICROSOFT CORPORATION	
City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	98052	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	16277676		

#### **CORRESPONDENCE DATA**

Fax Number:

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.

**Phone:** 425-538-9035

**Email:** usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	405751-US-NP
NAME OF SUBMITTER:	JEFFREY R. SADLOWSKI
SIGNATURE:	/Jeffrey R. Sadlowski/
DATE SIGNED:	02/15/2019

**Total Attachments: 10** 

PATENT REEL: 048348 FRAME: 0982

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source=405751-US-NP-Assignment-MTL-SHUBER-Signed#page2.tif

PATENT REEL: 048348 FRAME: 0983 I <u>Jason Matthew CAHILL</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>Experiencing a Virtual Object at a Plurality of Sizes</u>" ("APPLICATION"), which:

$\boxtimes$	will	be	filed.	ASSIGNOR	hereby	author	izes,	and	reque	sts,
	ASSI	GNEI	E'S legal	representat	tive, Mici	rosoft T	echno	logy	Licens	ing,
	LLC,	One	Microso	oft Way, Redi	mond, Wa	ashingto	n 980	52 (A	SSIGNI	EE'S
	LEGA	AL R	EPRESEN <sup>®</sup>	TATIVES), to	insert h	nere in p	oarent	heses	s (filed	on
	<u>Febr</u>	uary	15, 201	<u>19</u> and give	n Applica	ition No	. <u>16/</u> 2	<u> 277,6</u>	<u>76</u> by	the
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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"));

Application No.	Filing Date	Office	

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).

Joseph MM	2/14/2019
Inventor's Signature	Date /
Jason Matthew CAHILL	
Printed Name in English	Printed Name in Native Language
	(if other than English)

### PATENT ASSIGNMENT MS Docket No.: 405751-US-NP

I <u>Jesse Dylan MERRIAM</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>Experiencing a Virtual Object at a Plurality of Sizes</u>" ("APPLICATION"), which:

	THE CLEAN COLOR IS A SECOND IN THE SECOND IN
X	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
	February 15, 2019 and given Application No. 16/277,676 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

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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PATEN	IT ASSIGNMENT	MS I	Docket No.:	405751-US-NP

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1	
	2/14/19
Inventor's Signature	Date
Jesse Dylan MERRIAM	
Printed Name in English	Printed Name in Native Language
	(if other than English)

# PATENT ASSIGNMENT MS Docket No.: 405751-US-NP

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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 February 15,2019 and given Application No. 16/277,676 by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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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		
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PATENT ASSIGNMENT

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"));

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Mn	2/13/19	
Inventor's Signature	Date	\(\frac{1}{2}\)
Torfi Frans OLAFSSON	\$ 	
Printed Name in English	Printed Name in Native Lar (if other than English)	iguage

MS Docket No.: 405751-US-NP

I <u>Michael Meincke PERSSON</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>Experiencing a Virtual Object at a Plurality of Sizes</u>" ("APPLICATION"), which:

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# PATENT ASSIGNMENT MS Docket No.: 405751-US-NP

I <u>Brad</u>	ley Reid S	<u>SHUBER</u> ("ASSIG	NOR	l") am th	e origin	al inve	ent	or or an o	rigin	ıal joint
inventor of	subject	matter ("INVE	NTIC	N") disc	closed	and/o	r	claimed ii	n a	patent
application	entitled	" <u>Experiencing</u>	a	Virtual	Objec	t at	a	<u>Plurality</u>	of	<u>Sizes</u> "
("APPLICATIO	N"), whic	ch:								

$\times$	will be filed. ASSIGNOR hereby authorizes, and requests
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| Date |