

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5046261

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DONNA KATHERINE LONG	01/31/2018
JENNIFER JEAN CHOI	02/01/2018
PRIYA GANADAS	02/01/2018
JAMIE R. CABACCANG	02/01/2018
LASEAN TEE SMITH	01/31/2018
KENNETH LIAM KIEMELE	01/31/2018
EVAN L. JONES	07/04/2018
JOHN BENJAMIN HESKETH	02/01/2018
BRYANT DANIEL HAWTHORNE	02/01/2018
<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:	15889099
<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>	425-707-9382
<b>Email:</b>	usdocket@microsoft.com
<b>Correspondent Name:</b>	ASSAL MEFTAHI
<b>Address Line 1:</b>	ONE MICROSOFT WAY
<b>Address Line 2:</b>	PATENT GROUP DOCKETING DEPT
<b>Address Line 4:</b>	REDMOND, WASHINGTON 98052
<b>ATTORNEY DOCKET NUMBER:</b>	403593-US-NP
<b>NAME OF SUBMITTER:</b>	VLADIMIR A. KOZYREV

PATENT

<b>SIGNATURE:</b>	/VLADIMIR A. KOZYREV/
<b>DATE SIGNED:</b>	07/11/2018
<b>Total Attachments: 18</b> source=403593-US-NP Executed Assignments#page1.tif source=403593-US-NP Executed Assignments#page2.tif source=403593-US-NP Executed Assignments#page3.tif source=403593-US-NP Executed Assignments#page4.tif source=403593-US-NP Executed Assignments#page5.tif source=403593-US-NP Executed Assignments#page6.tif source=403593-US-NP Executed Assignments#page7.tif source=403593-US-NP Executed Assignments#page8.tif source=403593-US-NP Executed Assignments#page9.tif source=403593-US-NP Executed Assignments#page10.tif source=403593-US-NP Executed Assignments#page11.tif source=403593-US-NP Executed Assignments#page12.tif source=403593-US-NP Executed Assignments#page13.tif source=403593-US-NP Executed Assignments#page14.tif source=403593-US-NP Executed Assignments#page15.tif source=403593-US-NP Executed Assignments#page16.tif source=403593-US-NP Executed Assignments#page17.tif source=403593-US-NP Executed Assignments#page18.tif	

I Donna Katherine LONG ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SHARING MEASURED VALUES OF PHYSICAL SPACE PARAMETERS" ("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 February 5, 2018 and given Application No. 15/889,099 by the following Office \_\_\_\_\_) this APPLICATION's Application No., filing date, and Office, when known;

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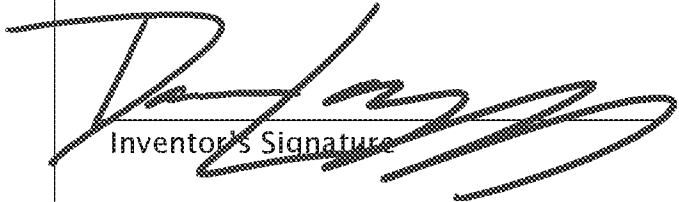
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ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

	<p>31 Jan 2018</p>
<p>Inventor's Signature</p>	<p>Date</p>
<p>Donna Katherine LONG</p>	
<p>Printed Name in English</p>	<p>Printed Name in Native Language (if other than English)</p>

I Jennifer Jean CHOI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SHARING MEASURED VALUES OF PHYSICAL SPACE PARAMETERS" ("APPLICATION"), which:

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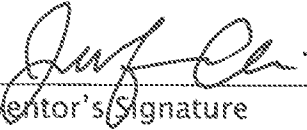
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 _____ Inventor's Signature	<u>2/1/2018</u> _____ Date
<u>Jennifer Jean CHOI</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Priya GANADAS ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SHARING MEASURED VALUES OF PHYSICAL SPACE PARAMETERS" ("APPLICATION"), which:

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_____ Inventor's Signature	_____ Date
Priya GANADAS _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)



I Jamie R. CABACCANG (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “SHARING MEASURED VALUES OF PHYSICAL SPACE PARAMETERS” (“APPLICATION”), which:

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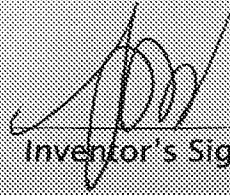
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Inventor's Signature

2/1/18

Date

Jamie R. CABACCANG

Printed Name in English

Printed Name in Native Language  
(if other than English)

I LaSean Tee SMITH ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SHARING MEASURED VALUES OF PHYSICAL SPACE PARAMETERS" ("APPLICATION"), which:

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	<u>1/31/2019</u>
Inventor's Signature	Date
<u>LaSean Tee SMITH</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

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 "SHARING MEASURED VALUES OF PHYSICAL SPACE PARAMETERS" ("APPLICATION"), which:

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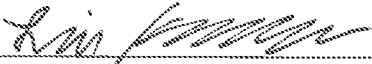
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 _____ Inventor's Signature	<u>01/31/18</u> _____ Date
Kenneth Liam KIEMELE _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Evan L. JONES ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SHARING MEASURED VALUES OF PHYSICAL SPACE PARAMETERS" ("APPLICATION"), which:

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PATENT ASSIGNMENT

MS Docket No. 403593-US-NP

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Inventor's Signature

7/4/15  
Date

Evan L. JONES

Printed Name in English

Printed Name in Native Language  
(if other than English)



I John Benjamin HESKETH ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SHARING MEASURED VALUES OF PHYSICAL SPACE PARAMETERS" ("APPLICATION"), which:

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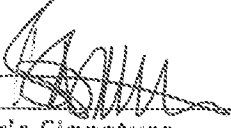
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John Benjamin HESKETH _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

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 "SHARING MEASURED VALUES OF PHYSICAL SPACE PARAMETERS" ("APPLICATION"), which:

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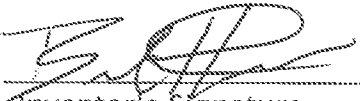
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