505024032 07/27/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5070781

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAYMOND KIRK PRICE	07/22/2018
YURI PEKELNY	07/26/2018
MICHAEL BLEYER	07/26/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16047265		

CORRESPONDENCE DATA

Fax Number: (801)328-1707

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: 8015339800

Email: docketing@wnlaw.com

WORKMAN NYDEGGER / MICROSOFT **Correspondent Name:**

Address Line 1: 60 E SOUTH TEMPLE, #1000 Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	13768.3522
NAME OF SUBMITTER:	JENS C. JENKINS, REG. NO. 44803
SIGNATURE:	/Jens C. Jenkins/
DATE SIGNED:	07/27/2018

Total Attachments: 6

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> **PATENT** REEL: 046484 FRAME: 0405 505024032

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PATENT REEL: 046484 FRAME: 0406

- I <u>Raymond Kirk Price</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>SPATIAL MAPPING FUSION FROM DIVERSE SENSING SOURCES</u>" ("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 July 27, 2018 and given Application No. 16/047,265 by the following Office US − United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

\square was filed on $__$	and was given Application
No	by the following Office
u	n.

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

Page 1 of 2

PATENT ASSIGNMENT	Attorney Docket No.: 13768.3522 (404853-US-NP)

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 leners patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Raymond Kirk Price

Printed Name in Native Language

(if other than English)

Page 2 of 2

PATENT

REEL: 046484 FRAME: 0408

I <u>Yuri Pekleny</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>SPATIAL MAPPING FUSION FROM DIVERSE SENSING SOURCES</u>" ("APPLICATION"), which:

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	<u> 16/0</u>)47,2	<u>265</u> k	y the	follo	wing	Office	<u>US –</u>	Unit	ted S	tates	<u>Patent</u>	<u>and</u>
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GQQ,	07/26/2013
Inventor's Signature	Date
Yuri Pekelny	£ (1520 1711
Printed Name in English	Printed Name in Native Language (if other than English)

- I <u>Michael Bleyer</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>SPATIAL MAPPING FUSION FROM DIVERSE SENSING SOURCES</u>" ("APPLICATION"), which:
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Page 1 of 2

	PATENT ASSIGNMENT	Attorney Docket No.: <u>13768.3522 404853-US-NP</u>	ì
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AAA BA	07/26/2018
Inventor's Signature	Dare
Michael Bleyer	
Printed Name in English	Printed Name in Native Language
	(if other than English)