### 505558864 07/05/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5605661

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
CYRUS SOLI BAMJI	12/17/2016
ONUR CAN AKKAYA	12/16/2016
TAMER ELKHATIB	12/16/2016
SWATI MEHTA	12/16/2016
SATYADEV H. NAGARAJA	12/16/2016
VIJAY RAJASEKARAN	12/16/2016

## **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:	16503896

## **CORRESPONDENCE DATA**

Fax Number: (720)293-9822

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

MICROSOFT CORPORATION **Correspondent Name:** 

Address Line 1: ONE MICROSOFT WAY

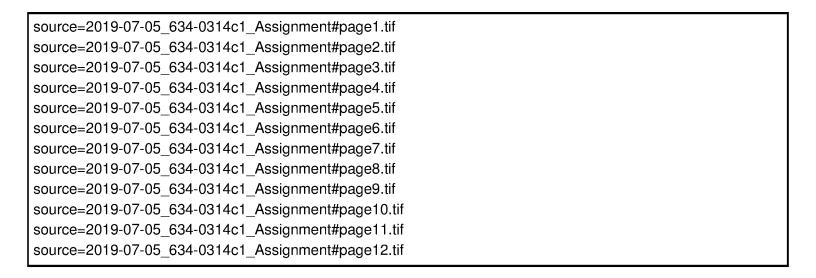
Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	400527-US-CNT
NAME OF SUBMITTER:	DAVID J. BOVITZ
SIGNATURE:	/David J. Bovitz/
DATE SIGNED:	07/05/2019

**Total Attachments: 12** 

**PATENT** REEL: 049676 FRAME: 0290

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PATENT REEL: 049676 FRAME: 0291

		PATENT ASSIGNMENT	
		N	MS Docket No.: 400527-US-N
inventor of application	subject matter ( entitled " <u>READOUT</u>	"INVENTION") disclosed VOLTAGE UNCERTAINTY	l inventor or an original join and/or claimed in a paten COMPENSATION IN TIME-OF-
FLIGHT IMAC	GING PIXELS" ("APPL	ication"), which:	
	ASSIGNEE'S legal LLC., One Microso LEGAL REPRESENT on	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing FATIVES), to insert here and given Application to US – United States Paten	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed Noby
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behalf of itse of acquiring, priority, in th derived there United States	If and its successor the entire and ex le INVENTION and te from, such as condition, its territories, and	s and assigns ("ASSIGNEE") clusive rights, title and ir he APPLICATION (and all o tinuing applications, in wl I all foreign countries ("AP	n limited liability company, on the entitled to, and is desirous nterest, including the right of other applications and patents hole or in part, in and for the PLICATION DERIVATIVES"));
			IEE'S LEGAL REPRESENTATIVES
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Application	No.	Filing Date	Office

Page 2 of 2

	M:	S Docket No.: 400527-US-NP
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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")):

Inventor's Signature	17 December 2016  Date
Cyrus Soli Bamji	
Printed Name in English	Printed Name in Native Language
	(if other than English)

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inventor of application 6	subject matte entitled " <u>READO</u>	("ASSIGNOR") am the restriction") discluded to the control of the	osed and/or claimed	n original joint I in a patent
	ASSIGNEE'S leg LLC., One Micro LEGAL REPRES on the following O	ASSIGNOR hereby gal representative, Micosoft Way, Redmond, WienTATIVES), to insert and given App Office US – United States ON's Application No.,	rosoft Technology Li /ashington 98052 (ASS t here in parenthese lication No. Patent and Trademar	censing, SIGNEE'S es (filed by <u>k Office</u> )
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<u>5 DOCKET NO.: 400527-05-NE</u>	W.	

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"));

11/2/11	12/16/2016
Inventor's Signature	Date
Onur Can Akkaya	
Printed Name in English	Printed Name in Native Language
	(if other than English)

behalf of itse of acquiring priority, in t derived ther United State ASSIC	elf and its successon, the entire and entire and entire and entire and entire in the invention and entire efrom, such as cost, its territories, and its territories, and its territories.	ors and assigns ("ASSIC exclusive rights, title a the APPLICATION (and entinuing applications, and all foreign countries orizes, and requests, A	ngton limited liability company, on iNEE"), is entitled to, and is desirous and interest, including the right of all other applications and patents in whole or in part, in and for the ("APPLICATION DERIVATIVES"));  SSIGNEE'S LEGAL REPRESENTATIVES into the following table for any
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×			authorizes, and requests,
FLIGHT IMAG	<u>GING PIXELS</u> " ("APPI	LICATION"), which:	
			sed and/or claimed in a patent NTY COMPENSATION IN TIME-OF-
l <u>l</u> a	mer Elkhatib ("A	SSIGNOR") am the ori	MS Docket No.: 400527-US-NF ginal inventor or an original joint
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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"));

12/16/2016
Date
Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT
MS Docket No.: 400527-US-NF
I <u>Swati Mehta</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>READOUT VOLTAGE UNCERTAINTY COMPENSATION IN TIME-OF-FLIGHT IMAGING PIXELS</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 and given Application No 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
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

Application No. Filing Date Office

IVI:	S Docket No.: 400327-03-NF

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"));

D.	12/16/2016
Inventor's Signature	Date
Swati Mehta	
Printed Name in English	Printed Name in Native Language
	(if other than English)

		PATENT ASSIGNM	IENT
inventor of application (	subject matter entitled " <u>READOU</u>	("INVENTION") disclo	MS Docket No.: 400527-US-Ne original inventor or an original joir osed and/or claimed in a pater AINTY COMPENSATION IN TIME-OF
	ASSIGNEE'S lega LLC., One Micros LEGAL REPRESEN on the following Off	I representative, Microft Way, Redmond, Wand Marives), to inserted and given Applicated States	authorizes, and requests, rosoft Technology Licensing, ashington 98052 (ASSIGNEE'S here in parentheses (filed ication No by Patent and Trademark Office) filing date, and Office, when
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behalf of itse of acquiring priority, in the derived ther	elf and its successon, the entire and entire and entire invention and efform, such as co	ors and assigns ("ASSIC exclusive rights, title a I the APPLICATION (an entinuing applications,	nington limited liability company, o GNEE"), is entitled to, and is desirou and interest, including the right o nd all other applications and patent s, in whole or in part, in and for th es ("APPLICATION DERIVATIVES"));
to insert the	Application No.,		ASSIGNEE'S LEGAL REPRESENTATIVE ice into the following table for an
Application		Filing Date	Office
		-	

	S Docket No.: 400527-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"));

Bushint.	16 December 2016
Inventor's Signature	Date
Satyadev H. Nagaraja	
Printed Name in English	Printed Name in Native Language (if other than English)

		PATEINT ASSIGNIN		
inventor of application (	subject matter entitled " <u>READOU</u>	("INVENTION") discl	MS Docket No.: 4 original inventor or an osed and/or claimed MNTY COMPENSATION	original joint in a patent
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Ligary.	12/16/2016
Inventor's Signature	Date
Vijay Rajasekaran	
Printed Name in English	Printed Name in Native Language (if other than English)