PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5639651

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SERGIO ORTIZ EGEA	07/26/2019
JIAN FENG GAO	07/11/2019
ALFONSUS D. LUNARDHI	07/22/2019
VENKATA SATYA RAGHAVENDRA BULUSU	07/23/2019

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:	16414654

CORRESPONDENCE DATA

Fax Number: (888)785-1482

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: 888-785-1482

Email: usdocket@microsoft.com
Correspondent Name: NEWPORT IP, LLC
Address Line 1: 1400 112TH AVE SE

Address Line 2: SUITE 100

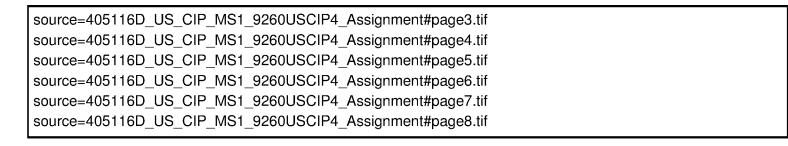
Address Line 4: BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER:	MS1-9260USCIP4
NAME OF SUBMITTER:	FRIEDA CRAMER
SIGNATURE:	/Frieda Cramer/
DATE SIGNED:	07/26/2019

Total Attachments: 8

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PATENT 505592850 REEL: 049879 FRAME: 0807



PATENT REEL: 049879 FRAME: 0808 PATENT ASSIGNMENT Client Docket No.: 405116D-US-CIP Attempty Docket No.: MS1-9260USCIP4

I <u>Sergio ORTIZ EGEA</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent

						5
application entitled	"USER-SPECIFIC	EYE TR/	ACKING C	ALIBRATIO	ON FOR	NEAR-EYE-

DISPLAY (NED) DEVICE	ES" ("APPLICATIO	N"), which	h:			

will be fil	ed. AS	SIGNOR	hereby	author	izes, and	requests,
ASSIGNEE'S	legal rep	resentat	ive, Micr	osoft T	echnology	Licensing,
LLC., One N	licrosoft V	Vay, Redi	nond, Wa	shingto	on 98052 (ASSIGNEE'S
LEGAL REP	RESENTAT	TVES), to	o insert	here i	n parenth	eses (filed
on	***************************************	and giv	en Appli	cation N	lo	by
the followi	ng Office	<u> "US - 1</u>	<u> Inited St</u>	ates Pa	itent and	<u>Trademark</u>
Office"; this	APPLICA	TION'S A	pplicatio	n No., fi	ling date,	and Office,
when know	n;					

Was filed on <u>May 16, 2019</u> and was given Application No 16/414,654 by the following Office "<u>US - United States Patent</u> and Trademark 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
-			
m			
6			

Page 1 of 2

- 3

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).

<u> </u>	07/26/2019
Inventor's Signature	Date
Sergio ORTIZ EGEA	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Attorney Docket No.: MS1-9260USCIP4

I <u>Jian Feng GAO</u> ("ASSIGNOR") am the original inventor or an original joint inventor
of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled
"USER-SPECIFIC EYE TRACKING CALIBRATION FOR NEAR-EYE-DISPLAY (NED) DEVICES"
("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;
\boxtimes	was filed on <u>May 16, 2019</u> and was given Application
	No 16/414,654 by the following Office "US - United States Patent
	and Trademark 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	

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).

	07/11/2019
Inventor's Signature	Date
Jian Feng GAO	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT Client Docket No.: 405116D-US-CIP Attorney Docket No.: MS1-9260USCIP4

I <u>Alfonsus D. LUNARDHI</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>USER-SPECIFIC EYE TRACKING CALIBRATION FOR NEAR-EYE-DISPLAY (NED) DEVICES</u>" ("APPLICATION"), which:

will be filed. /	ASSIGNOR hereby authorizes,	and requests,
ASSIGNEE'S legal r	epresentative, Microsoft Techno	logy Licensing,
LLC., One Microsoft	t Way, Redmond, Washington 980)52 (ASSIGNEE'S
LEGAL REPRESENTA	ATIVES), to insert here in par	entheses (filed
on	and given Application No	by
the following Office	ce <u>"US - United States Patent</u>	<u>and Trademark</u>
Office"; this APPUC when known;	ATION's Application No., filing d	ate, and Office,

was filed on <u>May 16, 2019</u> and was given Application

No <u>16/414,654</u> by the following Office "<u>US - United States Patent</u>

and Trademark 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

Page 1 of 2

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).

AbonnistRunas	July 22,2019
Inventor's Signature	Date
Alfonsus D. LUNARDHI Printed Name in English	Printed Name in Native Language (if other than English)

			Atterney Docket No.: MS1-9260USCI
original join patent appli	t inventor of subj	ect matter ("INVENT E <u>R-SPECIFIC EYE TR</u> A	GNOR") am the original inventor or a FION") disclosed and/or claimed in ACKING CALIBRATION FOR NEAR-EYE
	ASSIGNEE'S legal LLC., One Microso LEGAL REPRESEN on the following Of	representative, Mid oft Way, Redmond, V ITATIVES), to inser and given App fice <u>"US – United '</u>	y authorizes, and requests, crosoft Technology Licensing, Nashington 98052 (ASSIGNEE'S there in parentheses (filed blication Noby States Patent and Trademark on No., filing date, and Office,
×			given Application ce " <u>US - United States Patent</u>
behalf of itse of acquiring priority, in the derived there United States ASSIG to insert the	elf and its successo , the entire and ex ne INVENTION and efrom, such as cor s, its territories, an NOR hereby author	rs and assigns ("ASS xclusive rights, title the APPLICATION (a ntinuing application d all foreign countri rizes, and requests, filing date, and Off	hington limited liability company, o IGNEE"), is entitled to, and is desirous and interest, including the right out all other applications and patent s, in whole or in part, in and for thies ("APPLICATION DERIVATIVES")); ASSIGNEE'S LEGAL REPRESENTATIVE fice into the following table for an
Application		Filing Date	Office
<u> </u>			***************************************

Page 1 of 2

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Inventor's Signature

Date

<u>Venkata Satya Raghavendra BULUSU</u>

Printed Name in English

Printed Name in Native Language

(if other than English)