

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WENJIE SHI	12/04/2020
ZIRAN WU	12/04/2020
ONJI BAE	12/02/2020
MICHAEL JEFFREY AJAX	11/30/2020
NAVEEN THUMPUDI	11/30/2020
MEI LING WILSON	11/30/2020
<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>
<b>Application Number:</b>	17112561
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)532-7543
<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>	801-532-1500
<b>Email:</b>	msspatent@rqn.com, usdocket@microsoft.com
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<b>ATTORNEY DOCKET NUMBER:</b>	409086-US-NP
<b>NAME OF SUBMITTER:</b>	JOHN O. CARPENTER
<b>SIGNATURE:</b>	/John O. Carpenter, Reg.# 73862/
<b>DATE SIGNED:</b>	12/04/2020

**Total Attachments: 12**

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I Wenjie SHI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SYSTEMS AND METHODS FOR PROVIDING HUMAN INTERFACE DEVICE INFORMATION VIA A CAMERA SENSOR" ("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 December 4, 2020 and given Application No. 17/112,561 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"));

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


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

<u>Wenjie SHI</u> Inventor's Signature	<u>12/4/2020</u> Date
<u>Wenjie SHI</u> Printed Name in English	 Printed Name in Native Language (if other than English)


I Zilan WU ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SYSTEMS AND METHODS FOR PROVIDING HUMAN INTERFACE DEVICE INFORMATION VIA A CAMERA SENSOR" ("APPLICATION"), which

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## PATENT ASSIGNMENT

MS Docket No.: 409086-US-NP


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	12/4/2020
Inventor's Signature	Date
Ziran WU	
Printed Name in English	Printed Name in Native Language (if other than English)

I Onji BAE ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SYSTEMS AND METHODS FOR PROVIDING HUMAN INTERFACE DEVICE INFORMATION VIA A CAMERA SENSOR" ("APPLICATION"), which:

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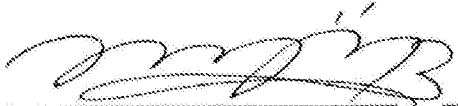
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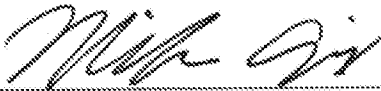
	12/2/2020
Inventor's Signature	Date
Onji BAE	배 은지
Printed Name in English	Printed Name in Native Language (if other than English)






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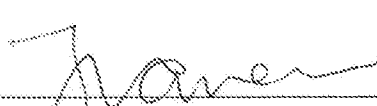
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	11/30/20
Inventor's Signature	Date
Michael Jeffrey AJAX	
Printed Name in English	Printed Name in Native Language (if other than English)




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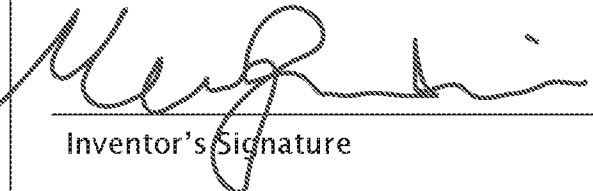
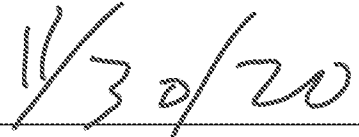
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 Inventor's Signature	<u>11/30/2020</u> Date
<u>Naveen THUMPUDI</u> Printed Name in English	 Printed Name in Native Language (if other than English)




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Inventor's Signature	Date
Mei Ling WILSON	
Printed Name in English	Printed Name in Native Language (if other than English)