505407631 04/02/2019 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name		Execution Date	
UTKU BARAN				04/01/2019	
WYATT OWEN DAVIS	I.			04/01/2019	
JOSHUA OWEN MILLI	ER			04/01/2019	
RECEIVING PARTY D	ΑΤΑ				
Name:	MICRC	SOFT TECHNOLOGY LICENSIN	IG, LLC		
Street Address:	ONE M	IICROSOFT WAY			
City:	REDM	OND			
State/Country:					
Postal Code:	98052				
Drenerty Type	S Total: 1	Number			
Property Type		Number			
Property Type Application Number:		Number 16373480			
Application Number: CORRESPONDENCE	DATA	16373480			
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PATENT REEL: 048774 FRAME: 0943

PATENT ASSIGNMENT MS Docket No.: 406075-US-NP

I <u>Utku BARAN</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>DISPLAY DEVICE WITH COMPACT SCANNING MIRROR</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 <u>April 2, 2019</u> and given Application No. <u>16/373,480</u> by the following 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
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Page 1 of 2

PATENT ASSIGNMENT

MS Docket No.: 406075-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 letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

04/01/2019 The state of the s Inventor's Signature Date Utku BARAN Printed Name in English Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I <u>Wyatt Owen DAVIS</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>DISPLAY DEVICE WITH COMPACT SCANNING MIRROR</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 <u>April 2, 2019</u> and given Application No. <u>16/373,480</u> by the following Office ______) this APPLICATION's Application No., filing date, and Office, when known;

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Application No.	Filing Date	Office

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4/1/2019 Inventor's Signature Date Wyatt Owen DAVIS Printed Name in English Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Joshua Owen MILLER ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DISPLAY DEVICE WITH COMPACT SCANNING MIRROR" ("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 <u>April 2, 2019</u> and given Application No. <u>16/373,480</u> by the following Office ______) this APPLICATION's Application No., filing date, and Office, when known;

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Application No.	Filing Date	Office

Page 1 of 2

PATENT REEL: 048774 FRAME: 0948 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"));

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The o male	4/1/19
Inventor's Signature	Date
Joshua Owen MILLER	
Printed Name in English	Printed Name in Native Language
	(if other than English)