507378663 07/11/2022 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
ATURE OF CONVEYAN	CE:	ASSIGNMENT		
CONVEYING PARTY DA	TA			
		Name	Execut	ion Date
WINSTON ALLEN SAUN	DERS		07/03/20	20
CHRISTIAN L. BELADY			03/26/20	21
LISA RU-FENG HSU			11/20/20	20
HITESH BALLANI			11/08/20	20
PAOLO COSTA			07/18/20	20
DOUGLAS M. CARMEAN	١		10/08/20	20
	 ГА			
Name:	MICRO	SOFT TECHNOLOGY LICENSING,	LLC	
Street Address:	ONE M	ICROSOFT WAY		
City:	REDMO	ND		
State/Country:	WASHI	VASHINGTON		
Postal Code:	98052			
PROPERTY NUMBERS	Total: 1			
Property Type		Number		
Application Number:1753		17536405		
CORRESPONDENCE D	ΔΤΔ			
		(801)532-7543		
Fax Numper:		. ,		sent
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Total Attachments: 12

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I <u>Winston Allen SAUNDERS</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>SLOPING SINGLE POINT OPTICAL AGGREGATION</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. the following by Office) this APPLICATION's Application No., filing date, and Office, when known;
- was filed on June 30, 2020 and was given Application No.
 <u>16/917,829</u> by the following Office "<u>US United States Patent and</u> <u>Trademark Office</u>";

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"));

Application No.	Filing Date	Office
17/536,405	11-29-2021	USPTO

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 Winston Allen SAUNDERS Printed Name in English Printed Name in Native Language (if other than English)

I <u>Christian L. BELADY</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>SLOPING SINGLE POINT OPTICAL AGGREGATION</u>" ("APPLICATION"), which:

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17/536,405	11-29-2021	USPTO

MS Docker No. 408651-US-NP

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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> 2 Kaly 2/20/2021</u>

Inventor's Signature

Christian L. BELADY Printed Name in English

Printed Name in Native Language (if other than English)

Page 2 of 2

PATENT REEL: 060476 FRAME: 0523 I <u>Lisa Ru-Feng HSU</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>SLOPING SINGLE POINT OPTICAL AGGREGATION</u>" ("APPLICATION"), which:

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£ Inventor's Signature Date Lisa Ru-Feng HSU Printed Name in English Printed Name in Native Language (if other than English)

I <u>Hitesh BALLANI</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>SLOPING SINGLE POINT OPTICAL AGGREGATION</u>" ("APPLICATION"), which:

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Jel De	08 November 2020
Inventor's Signature	Date
Hitesh BALLANI	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Paolo COSTA</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>SLOPING SINGLE POINT OPTICAL AGGREGATION</u>" ("APPLICATION"), which:

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Toolo lobo	18th July 2020	
Inventor's Signature	Date	
Paolo COSTA		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

I <u>Douglas M. CARMEAN</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>SLOPING SINGLE POINT OPTICAL AGGREGATION</u>" ("APPLICATION"), which:

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October 8, 2020 Inventor's Signature Date Douglas M. CARMEAN Printed Name in English Printed Name in Native Language (if other than English)

Page 2 of 2