506334379 11/02/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW JAMES CALDER	11/02/2020

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC	
Street Address:	ONE MICROSOFT WAY	
City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	ostal Code: 98052	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17087456

CORRESPONDENCE DATA

Fax Number: (425)401-5199

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.

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NAME OF SUBMITTER:	CHEN LIANG
SIGNATURE:	/Chen Liang/
DATE SIGNED:	11/02/2020

Total Attachments: 2

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PATENT 506334379 REEL: 054247 FRAME: 0252

PATENT ASSIGNMENT

		\mathbf{M} :	S Docket No.: 408993-US-N
ı <u>Matt</u>	thew James Calder	("ASSIGN	OR") am the original inventor
or an origina	d joint inventor of supplication entitled "		") disclosed and/or claimed
	ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENT. on 11/2/2020 the following Office	ASSIGNOR hereby authorepresentative, Microsoft of tway, Redmond, Washingth ATIVES), to insert here and given Application of the Eusenth of th	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed No. 17087456 by and Trademark Office)
	No	and was give	by the
behalf of itse of acquiring priority, in the derived there United States ASSIG to insert the	elf and its successors, the entire and exc the entire and exc ne INVENTION and the efrom, such as cont s, its territories, and NOR hereby authorise Application No., fi	s and assigns ("ASSIGNEE"), clusive rights, title and in ne APPLICATION (and all o inuing applications, in wh all foreign countries ("APF zes, and requests, ASSIGN ling date, and Office into	limited liability company, on is entitled to, and is desirous terest, including the right of ther applications and patents tole or in part, in and for the PLICATION DERIVATIVES")); EE'S LEGAL REPRESENTATIVES the following table for any
	N DERIVATIVES after		
Application	No.	Filing Date	Office
			

Page 1 of 2

PATENT ASSIGNMENT

MS Docket No.: 408993-US-N

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).

AR	11/02/2020
Invento 's Sig natur e	Date
Matthew James Calder	
Printed Name in English	Printed Name in Native Language
	(if other than English)