PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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WEI-CHEN CHEN	06/09/2022

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State/Country:	try: WASHINGTON	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17836745

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DATE SIGNED:	06/13/2022
SIGNATURE:	/ Janine Heitland /
NAME OF SUBMITTER:	JANINE HEITLAND
ATTORNEY DOCKET NUMBER:	411582-US-NP 1777.H64US1

Total Attachments: 5

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> PATENT REEL: 060182 FRAME: 0250

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RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 411582-US-NP (1777.H64US1) Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Amer Aref HASSAN, Wei-Chen CHEN Name: Microsoft Technology Licensing, LLC Additional name(s) of conveying party(ies) attached? Street Address: One Microsoft Way []Yes [X]No Redmond State: WA Zip: 98052 United States of America Country: 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [] Merger [X] Assignment [] Security Agreement [] Change of Name [] Other Execution Date: June 8, 2022, June 9, 2022 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No. 17/836,745 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ <u>0.00</u> Name: Justin R. McCarthy []Enclosed [Authorized to be charged to deposit account Address: 19-0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, Minnesota 55402 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. 1 Justin McCarthy Jun 10, 2022 Justin R. McCarthy/Reg. No. 67,101 Name of Person Signing Signature Date Total number of pages including cover sheet: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450 Alexandria, VA 22313-1450

> PATENT REEL: 060182 FRAME: 0251

l Amer	· Aref HA	ASSAN ("A	SSIGNOR") am	the origi	nal inven	tor or an	origina	al joint
inventor of	subject	matter ('	'INVENTION")	disclosed	and/or	claimed	in a	patent
application o	entitled	"SIDEBAR	COMMUNICA	ATION TI	HREADS	WITHIN	PRE-EX	ISTING
THREADS", wl	hich:							

\boxtimes	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
	APPLICATION's Application No., filing date, and Office, when known
	was filed on and was given Application No by the
	following Office " Patent 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).

Amer Aref HASSAN

Printed Name in English

Printed Name in Native Language

(if other than English)

l Wei-Chen CHEN ("ASSI	GNOR") am the original i	nventor or an original joint
inventor of subject matter ("	INVENTION") disclosed a	nd/or claimed in a patent
application entitled "SIDEBAR	COMMUNICATION THRE	ADS WITHIN PRE-EXISTING
THREADS", which:		
·		
⊠ will be filed	ASSIGNOR hereby autho	rizes and requests
	representative, Microsoft	
_	: Way, Redmond, Washingt	
·	ATIVES), to insert here	·
	•	•
	and given Application	
the following Of		this
APPLICATION'S App	olication No., filing date, ar	id Office, when known;
\square was filed on	and was given Applica	tion No by the
following Office "_	Patent Office ";	
Microsoft Technology Lice	ensing, LLC, a Washington	limited liability company, or
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of acquiring, the entire and exc	clusive rights, title and in	terest, including the right of
priority, in the INVENTION and t	he APPLICATION (and all o	ther applications and patents
derived therefrom, such as cont	· ·	• •
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ASSIGNOR hereby authori	zes, and requests, ASSIGNI	EE'S LEGAL REPRESENTATIVES
to insert the Application No., f	•	
APPLICATION DERIVATIVES after	•	the following table for any
ATTLICATION DERIVATIVES diter	they are known,	
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Application No.	I ming 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).

Inventor's Signature	Date
Wei-Chen CHEN	
Printed Name in English	Printed Name in Native Language
	(if other than English)