507775993 03/01/2023

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
MOR RUBIN	12/16/2020	

RECEIVING PARTY DATA

Name:	Microsoft Technology Licensing, LLC	
Street Address:	One Microsoft Way	
City:	Redmond	
State/Country:	WASHINGTON	
Postal Code:	98052	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	18116163	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2000.131US2/409161-US-CNT
NAME OF SUBMITTER:	TIMOTHY B. KANG
SIGNATURE:	/Timothy B. Kang/
DATE SIGNED:	03/01/2023

Total Attachments: 2

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PATENT 507775993 REEL: 062847 FRAME: 0845

I <u>Mor RUBIN</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>IDENTIFICATION OF PERMUTATIONS OF PERMISSION GROUPS HAVING LOWEST SCORES</u>" ("APPLICATION"), which:

X	will	be	filed.	ASS	IGNOR	hereby	auth	orizes	s, ar	nd req	uests,
	ASSI	GNE	E'S lega	al repr	esenta	tive, Mic	rosoft	Tech	nolog	gy Lice	nsing,
	LLC,	One	Micros	soft Wa	ay, Redi	mond, W	/ashing	ton 9	8052	(ASSIC	SNEE'S
	LEG/	AL R	EPRESE	NTATI	VES), t	o insert	t here	in p	oaren	theses	(filed
	on <u>1</u>	2/16/	2020		_and gi	ven App	licatior	ı No	17/12	4,114	by
	the f	ollov	ving Of	fice <u>US</u>	S – Unit	ed States	Paten	t and	Trade	emark (Office)
	this	APPI	LICATIO)N's A	pplicati	on No.,	filing	date,	and	Office,	when
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	was	filed	on			and was	given .	Appli	catior	1	
	No_				by the f	ollowing	Office	<u>:</u>			
	11					". 					

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	
18/116,163	01-MAR-2023	USPTO	
***************************************	***************************************	***************************************	***************************************
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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).

MOV QUID	12/16/2020		
Inventor's Signature	Date		
Mor Rubin	1212 214		
Printed Name in English	Printed Name ih Native Language		
Mor RUBIN	(if other than English)		