PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7541334

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROMIT CHATTOPADHYAY	06/09/2017
MARIYAN D. FRANSAZOV	06/09/2017

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:	17945930

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	401543-US-CNT[2]
NAME OF SUBMITTER:	TIMOTHY B. KANG
SIGNATURE:	/Timothy B. Kang/
DATE SIGNED:	09/15/2022

Total Attachments: 4

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I	Romit	СН	ATTO	PADH	YAY	("ASS	SIGN	OR")	am	the d	orig	jinal	inv	entor	or	an	orig	inal
joint in	ventor	of	subje	t ma	itter	("INV	/ENT	ION")	dis	close	ed a	and/	or o	claime	ed i	n a	pat	tent
applica	tion ent	title	d "UPO	GRAD	ЕА\	/ERSI	ON C	OF A	SERV	/ICE"	("A	PPLI	CAT	ION")	, wł	nich	:	

oxtimes will be filed. ASSIGN(OR hereby authorizes, and requests
ASSIGNEE'S legal represer	ntative, Microsoft Technology Licensing
LLC, One Microsoft Way, R	edmond, Washington 98052 (ASSIGNEE'S
LEGAL REPRESENTATIVES),	, to insert here in parentheses (filed or
06/12/2017 and given Application No.	15/620,650 by the following Office
USPTO) this APPLICATION's Appl	ication No., filing date, and Office, wher
known;	
\square was filed on	and was given Application No
by the following Office "	<i>m</i> .

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:

Tollowing table for ally A	ALLECATION DERIVATIVES O	iter they are known,	
Application No.	Filing Date	Office	
16/930,066	07/15/2020	USPTO	
17/945,930	09/15/2022	USPTO	

PATENT ASSIGNMENT

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).

	Re	mil				2017		
	Invent	tor's Sign	nature		Date			4.4
			El Caller de la Caller					
•	Printe	d Name	in English		Printed !	Name in Native	Language	
	Romit	CHATTO	DPADHYAY	aski og Norder Hillians	(if other	than English)		

I Mariyan D. FRANSAZOV ("ASSIGNOR") am the original inventor or an original
joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled "UPGRADE A VERSION OF A SERVICE" ("APPLICATION"), which:

\boxtimes	will b	e filed.	ASSIGNOR	hereby	authorizes,	and	requests
	ASSIGN	IEE'S lega	l representat	tive, Micr	osoft Techno	ology L	icensing,
	LLC, O	ne Microso	oft Way, Redr	nond, Wa	ashington 980)52 (AS	SSIGNEE'S
	LEGAL	REPRESEN	TATIVES), to	insert h	ere in paren	theses	(filed or
06/12/2017	and giv	en Applic	ation No. 15	/620 , 65	<u> </u>	followi	ng Office
USPTC) this A	APPLICATION	DN's Applicat	tion No.,	filing date, a	nd Offi	ce, wher
	known	· 1					
	was file	ed on		and was g	given Applica	tion No)
	by the	following	Office "				

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Inventor's Signature

Date

Printed Name in English Mariyan D. FRANSAZOV M代〜gu 一つMC 230 is Printed Name in Native Language

6/9/617

(if other than English)