506279095 09/29/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TUSHER CHAKRABORTY	09/17/2020
DEEPAK VASISHT	09/16/2020
RANVEER CHANDRA	09/24/2020
ZERINA KAPETANOVIC	08/18/2020
HEPING SHI	09/24/2020
NISSANKA ARACHCHIGE BODHI PRIYANTHA	09/24/2020

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:	17037332

CORRESPONDENCE DATA

Fax Number:

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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ATTORNEY DOCKET NUMBER:	408356-US-NP
NAME OF SUBMITTER:	HOLLI L. TEMPLETON
SIGNATURE:	/Holli L. Templeton/
DATE SIGNED:	09/29/2020

PATENT 506279095 REEL: 053924 FRAME: 0347

Total Attachments: 12 source=408356-US-NP_Assignments#page1.tif source=408356-US-NP_Assignments#page2.tif source=408356-US-NP_Assignments#page3.tif source=408356-US-NP_Assignments#page4.tif source=408356-US-NP_Assignments#page5.tif source=408356-US-NP_Assignments#page6.tif source=408356-US-NP_Assignments#page7.tif source=408356-US-NP_Assignments#page8.tif source=408356-US-NP_Assignments#page9.tif source=408356-US-NP_Assignments#page10.tif source=408356-US-NP_Assignments#page11.tif source=408356-US-NP_Assignments#page11.tif source=408356-US-NP_Assignments#page12.tif

PATENT REEL: 053924 FRAME: 0348

I <u>Tusher CHAKRABORTY</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>COMMUNICATION USING DYNAMIC SPECTRUM ACCESS BASED ON CHANNEL SELECTION</u>" ("APPLICATION"), which:

MS Docket No.: 408356-US-NP

\times	will be	filed.	ASSIGNOR	hereby	autho	rizes,	and	requ	ests
	ASSIGNE	E'S legal	representa	tive, Micr	osoft ⁻	Techno	logy	Licen	sing,
	LLC., On	e Microso	oft Way, Red	mond, Wa	ashingt	on 980)52 (A	\SSIGN	NEE'S
	LEGAL F	REPRESEN	TATIVES), 1	o insert	here	in par	enthe	ses	(filed
	on <u>Septe</u>	mber 29,	<u>2020</u> and gi	ven Appli	cation	No. <u>17</u>	<mark>7/037</mark> ,	332	by
	the follo	wing Of	fice <u>"US –</u>	<u>United S</u>	tates P	atent	and 🛚	<u> rade</u>	mark
	Office"; t	this APPL	ICATION's A	Applicatio	n No., i	filing d	late, a	ınd O	ffice
	when kn	own;							
	was filed	I on		and v	was giv	en App	olicati	on	
	No		by	the follow	ving Of	fice " <u>U</u>	<u>S – Ur</u>	<u>iited</u>	
	States Pa	itent and	Trademark	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"));

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"));

MS Docket No.: 408356-US-NP

	17/09/2020
Inventor's Signature	Date
Tusher CHAKRABORTY	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Deepak VASISHT</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>COMMUNICATION USING DYNAMIC SPECTRUM ACCESS BASED ON CHANNEL SELECTION</u>" ("APPLICATION"), which:

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	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 September 29, 2020 and given Application No. 17/037,332 by
	the following Office "US - United States Patent and Trademark
	Office"; this APPLICATION's Application No., filing date, and Office,
	when known;
	was filed onand was given Application
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MS Docket No.: 408356-US-NP

Inventor's Signature	09/16/2020 Date	
Deepak VASISHT Printed Name in English	Printed Name in Native Language (if other than English)	

I <u>Ranveer CHANDRA</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>COMMUNICATION USING DYNAMIC SPECTRUM ACCESS BASED ON CHANNEL SELECTION</u>" ("APPLICATION"), which:

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MS Docket No.: 408356-US-NP

んないない (仏分か) Inventor's Signature	24th September, 2020 Date
Ranveer CHANDRA	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Zerina KAPETANOVIC</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>COMMUNICATION USING DYNAMIC SPECTRUM ACCESS BASED ON CHANNEL SELECTION</u>" ("APPLICATION"), which:

MS Docket No.: 408356-US-NP

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Application No.	Filing Date	Office

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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).

3 fort	8/18/2020
Inventor's Signature	Date
Zerina KAPETANOVIC	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 408356-US-NP

I Heping SHI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COMMUNICATION USING DYNAMIC SPECTRUM ACCESS BASED ON CHANNEL SELECTION" ("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 September 29, 2020 and given Application No. 17/037,332 by the following Office "US - United States Patent and Trademark Office"; this APPLICATION's Application No., filing date, and Office, when known: was filed on ______and was given Application _____ by the following Office "<u>US - United</u> States Patent and Trademark 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

Page	1	Ωf	2

MS Docket No.: 408356-US-NP

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Inventor's Signature	9124/2020 Date
Heping SHI	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 408356-US-NP

I <u>Nissanka Arachchige Bodhi PRIYANTHA</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>COMMUNICATION USING DYNAMIC SPECTRUM ACCESS BASED ON CHANNEL SELECTION</u>" ("APPLICATION"), which:

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Page 1 of 2

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Inventor's Signature

Nissanka Arachchige Bodhi PRIYANTHA

Printed Name in English

09/24/2020

Date

Printed Name in Native Language

(if other than English)