506229241 08/31/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6275985

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHADD NATHANIEL GARTON	08/28/2020
BANHA SOK	08/28/2020
FREDRICK ANTHONY CONSTANTINO	08/12/2020

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:	16987873

CORRESPONDENCE DATA

Fax Number: (801)532-7543

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.

Phone: 801-532-1500

Email: mspatent@rgn.com, usdocket@microsoft.com RAY QUINNEY & NEBEKER - MICROSOFT **Correspondent Name:**

Address Line 1: 36 SOUTH STATE STREET

Address Line 2: **SUITE 1400**

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	408779-US-NP
NAME OF SUBMITTER:	PAUL N. TAYLOR
SIGNATURE:	/Paul N. Taylor, Reg.# 57271/
DATE SIGNED:	08/31/2020

Total Attachments: 6

source=408779-US-NP_2020-08-31_Assignments#page1.tif source=408779-US-NP_2020-08-31_Assignments#page2.tif source=408779-US-NP 2020-08-31 Assignments#page3.tif

PATENT REEL: 053645 FRAME: 0061 506229241

source=408779-US-NP_2020-08-31_Assignments#page4.tif source=408779-US-NP_2020-08-31_Assignments#page5.tif source=408779-US-NP_2020-08-31_Assignments#page6.tif

> PATENT REEL: 053645 FRAME: 0062

Application No.	Filing Date	Office	

PATENT ASSIGNMENT	MS Docket No.:	408779-US-NE

<u> </u>		

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).

Chadal Lecton	8/28/2020
Inventor's Signature	Date
Chadd Nathaniel GARTON	
Printed Name in English	Printed Name in Native Language
	(if other than English)

ASSIGNEE'S legal representative, Microsoft Technolog LLC, One Microsoft Way, Redmond, Washington 98052 LEGAL REPRESENTATIVES), to insert here in paren on and given No by the Office) this AF Application No., filing date, and Office, when known; was filed on August 7, 2020 and was given Application 16/987,873 by the following Office "US - United States Trademark Office"; Microsoft Technology Licensing, LLC, a Washington limited libehalf of itself and its successors and assigns ("ASSIGNEE"), is desirous of acquiring, the entire and exclusive rights, title and intright of priority, in the INVENTION and the APPLICATION (and all oth patents derived therefrom, such as continuing applications, in who for the United States, its territories, and all foreign countriberivatives"));	gy Licensing, (ASSIGNEE'S theses (filed Application following PLICATION's
LLC, One Microsoft Way, Redmond, Washington 98052 LEGAL REPRESENTATIVES), to insert here in paren on and given No by the Office) this AF Application No., filing date, and Office, when known; was filed on August 7, 2020 and was given Application 16/987.873 by the following Office "US - United States Trademark Office"; Microsoft Technology Licensing, LLC, a Washington limited libehalf of itself and its successors and assigns ("ASSIGNEE"), is desirous of acquiring, the entire and exclusive rights, title and intright of priority, in the INVENTION and the APPLICATION (and all other patents derived therefrom, such as continuing applications, in who for the United States, its territories, and all foreign countries.	(ASSIGNEE'S theses (filed Application following PLICATION's
LEGAL REPRESENTATIVES), to insert here in parent on and given No by the Office) this AF Application No., filing date, and Office, when known; was filed on August 7, 2020 and was given Application 16/987.873 by the following Office "US - United States Trademark Office": Microsoft Technology Licensing, LLC, a Washington limited libehalf of itself and its successors and assigns ("ASSIGNEE"), is desirous of acquiring, the entire and exclusive rights, title and intright of priority, in the INVENTION and the APPLICATION (and all other patents derived therefrom, such as continuing applications, in who for the United States, its territories, and all foreign countries.	theses (filed Application following PLICATION's
on and given No by the Office this AF Application No., filing date, and Office, when known; was filed on August 7, 2020 and was given Application 16/987,873 by the following Office "US - United States Trademark Office"; Microsoft Technology Licensing, LLC, a Washington limited li behalf of itself and its successors and assigns ("ASSIGNEE"), is desirous of acquiring, the entire and exclusive rights, title and int right of priority, in the INVENTION and the APPLICATION (and all oth patents derived therefrom, such as continuing applications, in who for the United States, its territories, and all foreign country	Application following PLICATION's
No	following PPLICATION's
Office	PLICATION's
Application No., filing date, and Office, when known; Solution Was filed on August 7, 2020 and was given Application 16/987,873 by the following Office "US - United States Trademark Office"; Microsoft Technology Licensing, LLC, a Washington limited libehalf of itself and its successors and assigns ("ASSIGNEE"), is desirous of acquiring, the entire and exclusive rights, title and intright of priority, in the INVENTION and the APPLICATION (and all other patents derived therefrom, such as continuing applications, in who for the United States, its territories, and all foreign countries.	
was filed on August 7, 2020 and was given Application 16/987,873 by the following Office "US - United States Trademark Office": Microsoft Technology Licensing, LLC, a Washington limited libehalf of itself and its successors and assigns ("ASSIGNEE"), is desirous of acquiring, the entire and exclusive rights, title and intright of priority, in the INVENTION and the APPLICATION (and all oth patents derived therefrom, such as continuing applications, in who for the United States, its territories, and all foreign countri	
16/987,873 by the following Office "US - United States Trademark Office"; Microsoft Technology Licensing, LLC, a Washington limited libehalf of itself and its successors and assigns ("ASSIGNEE"), is desirous of acquiring, the entire and exclusive rights, title and intright of priority, in the INVENTION and the APPLICATION (and all oth patents derived therefrom, such as continuing applications, in who for the United States, its territories, and all foreign countri	
16/987,873 by the following Office "US - United States Trademark Office"; Microsoft Technology Licensing, LLC, a Washington limited libehalf of itself and its successors and assigns ("ASSIGNEE"), is desirous of acquiring, the entire and exclusive rights, title and intright of priority, in the INVENTION and the APPLICATION (and all oth patents derived therefrom, such as continuing applications, in who for the United States, its territories, and all foreign countri	e Miro
Trademark Office": Microsoft Technology Licensing, LLC, a Washington limited libehalf of itself and its successors and assigns ("ASSIGNEE"), is desirous of acquiring, the entire and exclusive rights, title and intright of priority, in the INVENTION and the APPLICATION (and all oth patents derived therefrom, such as continuing applications, in who for the United States, its territories, and all foreign countri	
Microsoft Technology Licensing, LLC, a Washington limited libehalf of itself and its successors and assigns ("ASSIGNEE"), is desirous of acquiring, the entire and exclusive rights, title and intright of priority, in the INVENTION and the APPLICATION (and all oth patents derived therefrom, such as continuing applications, in who for the United States, its territories, and all foreign countri	<u>i Patent anu</u>
behalf of itself and its successors and assigns ("ASSIGNEE"), is desirous of acquiring, the entire and exclusive rights, title and intright of priority, in the INVENTION and the APPLICATION (and all oth patents derived therefrom, such as continuing applications, in who for the United States, its territories, and all foreign countries.	
	entitled to, and is erest, including the ner applications and le or in part, in and
ASSIGNOR hereby authorizes, and requests, A REPRESENTATIVES to insert the Application No., filing date, as following table for any APPLICATION DERIVATIVES after they are known	nd Office into the
Application No. Filing Date Office	

Page 1 of 2

PATENT ASSIGNMENT	MS	Docket No.:	<u>408779-US-NI</u>

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).

	8/28/2020
Inventor's Signature	Date
Banha SOK	
Printed Name in English	Printed Name in Native Language
	(if other than English)

original joint inventor of sub	ject matter ("INVENTION")	am the original inventor or an disclosed and/or claimed in a SIDE BAND COMMUNICATIONS"
ASSIGNEE'S lega LLC, One Microso LEGAL REPRESEN on No. Office	ASSIGNOR hereby aut I representative, Microsol oft Way, Redmond, Washir ITATIVES), to insert her and by filing date, and Office, wh	t Technology Licensing, gton 98052 (ASSIGNEE'S e in parentheses (filed given Application the following _) this APPLICATION's
⊠ was filed on <u>Aug</u> <u>16/987,873</u> by ti <u>Trademark Office</u>	ust 7, 2020 and was given he following Office " <u>US – U</u> ";	Application No Inited States Patent and
behalf of itself and its succe desirous of acquiring, the ent right of priority, in the INVENT patents derived therefrom, suc	essors and assigns ("ASS ire and exclusive rights, t ION and the APPLICATION thas continuing application	on limited liability company, on IGNEE"), is entitled to, and is itle and interest, including the (and all other applications and ons, in whole or in part, in and ign countries ("APPLICATION
	he Application No., filin	uests, ASSIGNEE'S LEGAL ig date, and Office into the hey are known:
Application No.	Filing Date	Office
	THE WALL	Onice
		<u> </u>

Page 1 of 2

PATENT ASSIGNMENT	MS Docket No.:	408779-US-NI

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).

July acting and the	12 Aus 2020
Inventor's Signature	Date
Fredrick Anthony CONSTANTINO	
Printed Name in English	Printed Name in Native Language (if other than English)