505957428 03/09/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASHISH MUNJAL	03/09/2020
PRASAD DURGA AYYALASOMAYAJULA	03/04/2020

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	C/O MICROSOFT CORPORATION, ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16812997

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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Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	408093-US-NP
NAME OF SUBMITTER:	KATHERINE WILSON
SIGNATURE:	/Katherine Wilson/
DATE SIGNED:	03/09/2020

Total Attachments: 4

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PATENT 505957428 REEL: 052055 FRAME: 0375

PATENT ASSIGNMENT

inventor of application e	subject matter ("I	NVENTION") disclosed a	nventor or an original joint nd/or claimed in a patent ORED IN AN INDEXED ARRAY
	ASSIGNEE'S legal r LLC, One Microsoft LEGAL REPRESENT on the following Of	ASSIGNOR hereby author epresentative, Microsoft Way, Redmond, Washingt ATIVES), to insert hereand given Application ficeolication No., filing date, ar	Technology Licensing, on 98052 (ASSIGNEE'S in parentheses (filed No
		and was given A by the following Office ";	application
behalf of itse of acquiring priority, in the derived there	olf and its successors the entire and exc ne INVENTION and the efrom, such as cont	and assigns ("ASSIGNEE"), clusive rights, title and in ne APPLICATION (and all o inuing applications, in wh	limited liability company, on, is entitled to, and is desirous terest, including the right of ther applications and patents tole or in part, in and for the PLICATION DERIVATIVES"));
ASSIG	NOR hereby authori	zes, and requests, ASSIGN	EE'S LEGAL REPRESENTATIVES
	• •		the following table for any
APPLICATION Application	No.	filing Date	Office
Application		Timy Date	Office

Page 1 of 2

MS Docket No.: 408093-US-NP

PATENT ASSIGNMENT

For good and valuable consideration, the reactipt 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.: 408093-US-NP

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).

W. M.	
Inventor's Signature Ashish MUNJAL	Date 3/9/2020
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 408093-US-NP

an original jo patent applio	oint inventor of subj	ect matter ("INVENTION") (RCHING FOR A HASH STR	") am the original inventor or disclosed and/or claimed in a ING STORED IN AN INDEXED
	ASSIGNEE'S legal in LLC, One Microsoft LEGAL REPRESENT on the following O	ASSIGNOR hereby authorepresentative, Microsoft way, Redmond, Washingt ATIVES), to insert here and given Application ffice and cate, ar	Technology Licensing, on 98052 (ASSIGNEE'S in parentheses (filed No
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	· Application No., f · DERIVATIVES after		the following table for any
Application	***************************************	Filing Date	Office

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PATENT ASSIGNMENT

MS Docket No.: 408093-US-NP

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"));

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Inventor's Signature

Date

Prasad Durga AYYALASOMAYAJULA

Printed Name in English

RECORDED: 03/09/2020

Printed Name in Native Language (if other than English)

3/4/2020

Page 2 of 2