PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6230559

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VENKATA RAGHURAM PAMPANA	07/16/2020
LORETTA MARI MACKLEM-CLEMENTS	07/28/2020
ANNIE GUO JOLI-COEUR	07/29/2020

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:	16912510

CORRESPONDENCE DATA

Fax Number: (509)381-3110

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: 4255389035

Email: usdocket@microsoft.com

MICROSOFT CORPORATION **Correspondent Name:**

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	408461-US-NP
NAME OF SUBMITTER:	AMY WALLACE
SIGNATURE:	/AMY WALLACE/
DATE SIGNED:	08/02/2020

Total Attachments: 6

source=408461-US-NP_Assignment_ALL#page1.tif source=408461-US-NP_Assignment_ALL#page2.tif source=408461-US-NP_Assignment_ALL#page3.tif source=408461-US-NP Assignment ALL#page4.tif

> **PATENT REEL: 053377 FRAME: 0352** 506183820

source=408461-US-NP_Assignment_ALL#page5.tif source=408461-US-NP_Assignment_ALL#page6.tif

PATENT REEL: 053377 FRAME: 0353

PATENT ASSIGNMENT

I <u>Venkata Raghuram Pan</u> joint inventor of subject matt application entitled " <u>CO-ELIGIB</u> which:	er ("INVENTION") disclose	original inventor or an origina d and/or claimed in a paten NROLLMENT" ("APPLICATION")
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESEN on the following Office	ASSIGNOR hereby auth representative of Microsof ft Way, Redmond, Washing TATIVES), to insert here and given Application ce US – United States Paten i's Application No., filing	t Technology Licensing, pton 98052 (ASSIGNEE'S in parentheses (filed n Noby t and Trademark Office)
was filed on <u>June</u> 16/912,510 by th Office";	<u>25, 2020</u> and was given A _l e following Office " <u>US – US</u>	oplication No Patent and Trademark
Microsoft Technology Lic behalf of itself and its successor of acquiring, the entire and ex priority, in the INVENTION and t derived therefrom, such as con United States, its territories, and	's and assigns ("ASSIGNEE") clusive rights, title and in the APPLICATION (and all o tinuing applications, in wh	iterest, including the right of other applications and patents nole or in part, in and for the
ASSIGNOR hereby author to insert the Application No., t APPLICATION DERIVATIVES after	filing date, and Office into	EE'S LEGAL REPRESENTATIVES the following table for any
Application No.	Filing Date	Office
		w1110C

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).

P. V. Raginalair.	07-16-2020
Inventor's Signature	Date
Venkata Raghuram Pampana	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I <u>Loretta Marie Macklem</u> - original joint inventor of subject patent application entitled " ("APPLICATION"), which:	t matter ("INVENTION") di	•
ASSIGNEE'S legal re LLC, One Microsoft LEGAL REPRESENT on the following Office	ASSIGNOR hereby author epresentative of Microsoft Way, Redmond, Washingt ATIVES), to insert here and given Application by US – United States Patent Application No., filing d	Technology Licensing, on 98052 (ASSIGNEE'S in parentheses (filed No by and Trademark Office)
	<u>5, 2020</u> and was given Ap following Office " <u>US – US</u>	
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

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).

Luca Mr A- Clem- Inventor's Signature	7-28-2020 Date
Loretta Marie Macklem-Clements	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I <u>Annie Guo Joli-Coeur</u> ("A inventor of subject matter ("I application entitled " <u>CO-ELIGIBIL</u> which:	NVENTION") disclosed a	•
ASSIGNEE'S legal re LLC, One Microsoft LEGAL REPRESENT on the following Office	ASSIGNOR hereby author epresentative of Microsoft Way, Redmond, Washingt ATIVES), to insert here and given Application by Long Eustern Market States Patent Stapplication No., filing designed	Technology Licensing, on 98052 (ASSIGNEE'S in parentheses (filed No by and Trademark Office)
	<u>5, 2020</u> and was given Ap following Office " <u>US – US</u>	
Microsoft Technology Lice behalf of itself and its successors of acquiring, the entire and exc priority, in the INVENTION and the derived therefrom, such as cont United States, its territories, and	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o inuing applications, in wh	terest, including the right of ther applications and patents ole or in part, in and for the
ASSIGNOR hereby authorize to insert the Application No., fit APPLICATION DERIVATIVES after	ling date, and Office into	EE'S LEGAL REPRESENTATIVES the following table for any
Application No.	Filing Date	Office

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).

Anila It-Ca	7/29/2020
Inventor's Signature	Date
Annie Guo Joli-Coeur	
Printed Name in English	Printed Name in Native Language
	(if other than English)