

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT8105064

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the A TYPO IN THE ASSIGNMENT previously recorded on Reel 058963 Frame 0049. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
RAJESH RANGARAJAN	03/16/2021
AARON WILLIAM LINNE	03/15/2021
RAJIV RAMAIAH	03/15/2021
ARCHANA SASEETHARAN	03/15/2021
MANSOOR MALIK	03/15/2021
SHIRAZ CUPALA	03/16/2021
BESTE NAZILLI	03/16/2021
KEVIN DANIEL MORRISON	03/15/2021
SAGAR NAGARAJA SHASTRY	03/15/2021
ERIC JONATHAN HULL	03/15/2021
ALEXANDER TOBIAS POWELL	03/15/2021
LEI YANG	03/16/2021
MANASI SHARMA	03/16/2021
SIDDHARTH UPPAL	03/15/2021
YURI DOGANDJIEV	03/16/2021

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:	17549391

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.

PATENT

Email: usdocket1@microsoft.com
Correspondent Name: NEWPORT IP, LLC
Address Line 1: 1400 112TH AVE SE, SUITE 100
Address Line 4: BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER: MS1-9532USC1

NAME OF SUBMITTER: NOEMI TOVAR

SIGNATURE: /Noemi Tovar/

DATE SIGNED: 08/09/2023

Total Attachments: 36

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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MANASI SHARMA	03/16/2021
SIDDHARTH UPPAL	03/15/2021
YURI DOGANDJIEV	03/16/2021
RECEIVING PARTY DATA	

PATENT**REEL: 064544 FRAME: 0564**

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:	17549391

CORRESPONDENCE DATA**Fax Number:****Phone:** 8887851482**Email:** usdocket@microsoft.com

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.

Correspondent Name: NEWPORT IP, LLC**Address Line 1:** 1400 112TH AVE SE, SUITE 100**Address Line 4:** BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER:	MS1-9532USC1
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NAME OF SUBMITTER:	NOEMI TOVAR
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Signature:	/Noemi Tovar/
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Date:	12/13/2021
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Total Attachments: 30

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RECEIPT INFORMATION

EPAS ID: PAT7070989
Receipt Date: 12/13/2021

PATENT ASSIGNMENT

Client Docket No.: 409359-US-NP
Attorney Docket No.: MSI-9532US

I Rajesh RANGARAJAN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "UPDATING USER-SPECIFIC APPLICATION INSTANCES BASED ON COLLABORATIVE OBJECT ACTIVITY ", 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 March 19, 2019 ^{03/19/21} and given Application No. 17/207,078 by the following Office "US - United States Patent and Trademark Office"; this APPLICATION's Application No., filing date, and Office, when known;

JR/
08/09/2023

was filed on _____ and was given Application No. _____ by the following Office "US - United 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

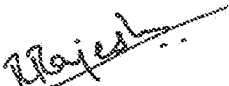
PATENT ASSIGNMENT

Client Docket No.: 409359-US-NP
Attorney Docket No.: MSI-9532US

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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).

	03/16/2021
Inventor's Signature	Date
Rajesh RANGARAJAN	
Printed Name in English	Printed Name in Native Language (if other than English)

I **Aaron William LINNE** ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "UPDATING USER-SPECIFIC APPLICATION INSTANCES BASED ON COLLABORATIVE OBJECT ACTIVITY ", which:

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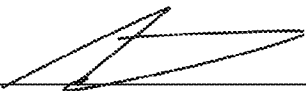
PATENT ASSIGNMENT

Client Docket No.: 409359-US-NP
Attorney Docket No.: MS1-9532US

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 _____ Inventor's Signature	3/15/21 _____ Date
Aaron William LINNE _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Client Docket No.: 409359-US-NP
Attorney Docket No.: MS1-9532US

I Rajiv RAMAIAH ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "UPDATING USER-SPECIFIC APPLICATION INSTANCES BASED ON COLLABORATIVE OBJECT ACTIVITY", which:

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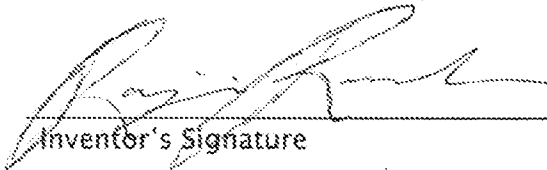
PATENT ASSIGNMENT

Client Docket No.: 409359-US-NP
Attorney Docket No.: MS1-9532US

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 _____ Inventor's Signature	<u>March 15, 2021</u> _____ Date
<u>Rajiv RAMAIAH</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I **Archana SASEETHARAN** (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled "UPDATING USER-SPECIFIC APPLICATION INSTANCES BASED ON COLLABORATIVE OBJECT ACTIVITY", which:

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Client Docket No.: 409359-US-NP
Attorney Docket No.: MS1-9532US

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	3/15/21
_____ Inventor's Signature	_____ Date
Archana SASEETHARAN	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Client Docket No.: 409339-US-NP
Attorney Docket No.: MSI-9532US

I Mansoor MALIK ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "UPDATING USER-SPECIFIC APPLICATION INSTANCES BASED ON COLLABORATIVE OBJECT ACTIVITY", which:

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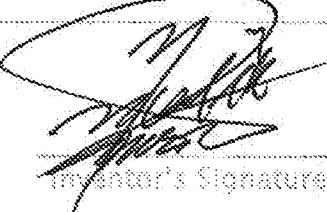
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	3/15/2021
_____ Inventor's Signature	_____ Date
Mansoor MALIK	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I **Shiraz CUPALA** (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “UPDATING USER-SPECIFIC APPLICATION INSTANCES BASED ON COLLABORATIVE OBJECT ACTIVITY”, which:

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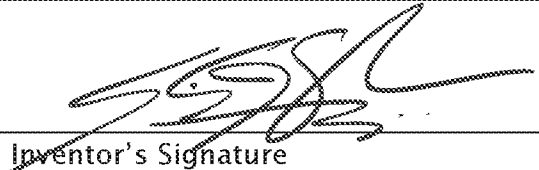
PATENT ASSIGNMENT

Client Docket No.: 409359-US-NP
Attorney Docket No.: MS1-9532US

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 _____ Inventor's Signature	<i>16 March 2021</i> _____ Date
Shiraz CUPALA _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I **Beste NAZILLI** (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “UPDATING USER-SPECIFIC APPLICATION INSTANCES BASED ON COLLABORATIVE OBJECT ACTIVITY”, which:

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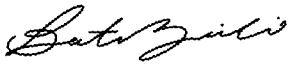
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	03/16/2021
_____ Inventor's Signature	_____ Date
Beste NAZILLI	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I **Kevin Daniel MORRISON** (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled "UPDATING USER-SPECIFIC APPLICATION INSTANCES BASED ON COLLABORATIVE OBJECT ACTIVITY", which:

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Client Docket No.: 409359-US-NP
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	<u>3/15/21</u>
Inventor's Signature	Date
<u>Kevin Daniel MORRISON</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Sagar Nagaraja SHASTRY ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "UPDATING USER-SPECIFIC APPLICATION INSTANCES BASED ON COLLABORATIVE OBJECT ACTIVITY", which:

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<u>Sagar Nagaraja Shastri</u>	<u>3/15/2021</u>
Inventor's Signature	Date
<u>Sagar Nagaraja SHASTRY</u>	<u>ಸಾಗರ ನಾಗರಾಜ ಶಾಸ್ತ್ರಿ</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I **Eric Jonathan HULL** (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled "UPDATING USER-SPECIFIC APPLICATION INSTANCES BASED ON COLLABORATIVE OBJECT ACTIVITY", which:

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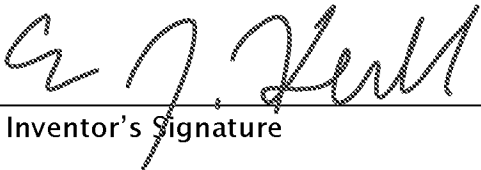
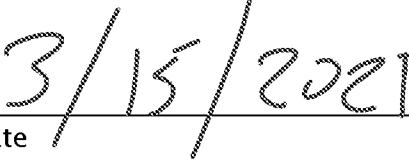
Client Docket No.: 409359-US-NP

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_____ Inventor's Signature	_____ Date
Eric Jonathan HULL _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I **Alexander Tobias POWELL** (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled "UPDATING USER-SPECIFIC APPLICATION INSTANCES BASED ON COLLABORATIVE OBJECT ACTIVITY", which:

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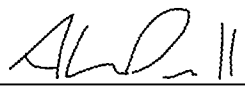
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	<i>03/15/2021</i>
_____ Inventor's Signature	_____ Date
Alexander Tobias POWELL	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Client Docket No.: 409359-US-NP
Attorney Docket No.: MSI-9532US

I Lei YANG ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "UPDATING USER-SPECIFIC APPLICATION INSTANCES BASED ON COLLABORATIVE OBJECT ACTIVITY", which:

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 Inventor's Signature	3/16/2021 Date
Lei YANG Printed Name in English	杨磊 Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Client Docket No.: 409359-US-NP
Attorney Docket No.: MS1-9532US

I Manasi SHARMA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "UPDATING USER-SPECIFIC APPLICATION INSTANCES BASED ON COLLABORATIVE OBJECT ACTIVITY", which:

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<u>Manasi Sharma</u>	<u>3/16/2021</u>
Inventor's Signature	Date
<u>Manasi SHARMA</u>	<u></u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Siddharth UPPAL ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "UPDATING USER-SPECIFIC APPLICATION INSTANCES BASED ON COLLABORITIVE OBJECT ACTIVITY", which:

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 _____ Inventor's Signature	3/15/21 _____ Date
Siddharth UPPAL _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Client Docket No.: 409359-US-NP
Attorney Docket No.: MSI-9532US

I Yuri DOGANDJIEV ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "UPDATING USER-SPECIFIC APPLICATION INSTANCES BASED ON COLLABORATIVE OBJECT ACTIVITY", which:

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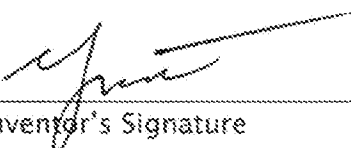
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 Inventor's Signature	3/16/2021 Date
Yuri DOGANDJIEV Printed Name in English	ЮРИ ДОГАНДЖИЕВ Printed Name in Native Language (if other than English)