PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8104986

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the A TYPO IN THE ASSIGNMENT previously recorded on Reel 058054 Frame 0667. 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:	17207078					

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 REEL: 064560 FRAME: 0022

508057832

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:	MS1-9532US
NAME OF SUBMITTER:	NOEMI TOVAR
SIGNATURE:	/Noemi Tovar/
DATE SIGNED:	08/09/2023

Total Attachments: 35

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> PATENT REEL: 064560 FRAME: 0023



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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

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Name	Execution Date
RAJESH RANGARAJAN	03/16/2021
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YURI DOGANDJIEV	03/16/2021

RECEIVING PARTY DATA

PATENT

REEL: 064560 FRAME: 0024 $_{8/21,\,4:04\,\mathrm{PM}}$

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

PROPERTY NUMBERS Total: 1

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Application Number:	17207078

CORRESPONDENCE DATA

Fax Number:

Phone: 8887851482

Email: usdocket@microsoft.com

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Correspondent Name: NEWPORT IP, LLC

Address Line 1: 1400 112TH AVE SE, SUITE 100
Address Line 4: BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER:	MS1-9532US		
NAME OF SUBMITTER:	NOEMI TOVAR		
Signature:	/Noemi Tovar/		
Date:	11/08/2021		

Total Attachments: 30

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PATENT

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

I <u>Raje</u>	<u>sh RANGA</u>	<u> (RAIAN</u>	'ASSIGN	iOR") ai	n the	origin	al inven	tor or a	ın or	igin	aljo	int
inventor of	subject	matter	("INVE	("NOITV	disc	closed	and/or	claime	d in	а	pat	ent:
application	entitled	"UPDAT	ING US	ER-SPE	CIFIC	APPLIC	CATION	INSTAN	ICES	BAS	SED	ON
COLLABORA	TIVE OBJE	CT ACTI	VITY ",	which:								

\boxtimes	will be filed. ASSIGNOR hereby authorizes, and requests,
	ASSIGNEE'S legal representative, Microsoft Technology Licensing,
	LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
up.	LEGAL REPRESENTATIVES), to insert here in parentheses (filed
/JR/ 08/09/2023	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;
	was filed onand was given Application
	No 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

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"));

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

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

I <u>Aaron William LINNE</u> ("A inventor of subject matter (" application entitled "UPDATIN COLLABORATIVE OBJECT ACTIVITY	INVENTION") disclosed a G USER–SPECIFIC APPLICA	•
ASSIGNEE'S legal in LLC., One Microsof LEGAL REPRESENT on March 19, 202 the following Office controls of the following of the	ASSIGNOR hereby authorepresentative, Microsoft tway, Redmond, Washing ATIVES), to insert here and given Application ce "US – United States I	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed No. 17/207,078 by Patent and Trademark
	and was gir by the following O Frademark Office";	
behalf of itself and its successors of acquiring, the entire and exertion priority, in the INVENTION and to derived therefrom, such as contunited States, its territories, and	s and assigns ("ASSIGNEE") clusive rights, title and in he APPLICATION (and all o tinuing applications, in wh I all foreign countries ("AP zes, and requests, ASSIGN iling date, and Office into	iterest, including the right of other applications and patents nole or in part, in and for the PLICATION DERIVATIVES")); IEE'S LEGAL REPRESENTATIVES
Application No.	Filing Date	Office
/ ipproductive to the control of the	Timing Date	

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

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"));

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

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

I <u>Railv RAMAIAH</u> ("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:

\boxtimes	will be filed. ASSIGNOR hereby authorizes, and request	is,
	ASSIGNEE'S legal representative, Microsoft Technology Licensin	g,
	LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE	:'S
	LEGAL REPRESENTATIVES), to insert here in parentheses (file	ed
	on <u>March 19, 2021</u> and given Application No. <u>17/207,078</u>	by
	the following Office "US - United States Patent and Tradema	rk
	Office"; this APPLICATION's Application No., filing date, and Offic	e.
	when known;	
	was filed onand was given Application	
	No 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	\$

Page 1 of 2

PATENT REEL: 064560 FRAME: 0031

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).

Inventor's Signature

Date

Rajiv RAMAIAH

Printed Name in English

Printed Name in Native Language

(if other than English)

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

I <u>Archana SASEETHARAN</u> ("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:

\boxtimes	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, 2021 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;
	was filed onand was given Application
	No 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;

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

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

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

I <u>Mansoor MALIK</u> ("ASS inventor of subject matter (application entitled "UPDATIN COLLABORATIVE OBJECT ACTIV	"INVENTION") disclosed (G USER-SPECIFIC APPLIC /	
ASSIGNEE'S legal LLC., One Microso LEGAL REPRESEN on March 19, 2021 the following Of	ASSIGNOR hereby auth representative, Microsoft of Way, Redmond, Washing TATIVES), to insert here and given Application fice "US – United States CATION's Application No.,	Technology Licensing, ston 98052 (ASSIGNEE'S in parentheses (filed No. 17/207,078 by Patent and Trademark
AC	and was gi by the following C Trademark Office";	
behalf of itself and its successo of acquiring, the entire and ex priority, in the INVENTION and derived therefrom, such as cor United States, its territories, an	rs and assigns ("ASSIGNEE") sclusive rights, title and in the APPLICATION (and all outhous applications, in wide all foreign countries ("AP	nterest, including the right of other applications and patents hole or in part, in and for the
to Insert the Application No., APPLICATION DERIVATIVES afte		o the following table for any
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	and the matter we are to
	3/15/2021
fnyshtor's Signature	Date
Manspor MALIK	
Printed Name In English	Printed Name in Native Language
	(if other than English)

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

I <u>Shiraz CUPALA</u> ("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

Date

Shiraz CUPALA

Printed Name in English

Printed Name in Native Language

(if other than English)

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

I Beste NAZILLI ("ASSIGNO of subject matter ("INVENTION") ("UPDATING USER-SPECIFIC APOBJECT ACTIVITY", which:	disclosed and/or claimed i	• • •
ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENT on March 19, 202 ^r the following Offi	ASSIGNOR hereby authorepresentative, Microsoft of Way, Redmond, Washings ATIVES), to insert here and given Application ce "US – United States FEATION's Application No.,	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed No. <u>17/207,078</u> by Patent and Trademark
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to insert the Application No., fi APPLICATION DERIVATIVES after	•	o the following table for any
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But Buili Inventor's Signature	03/16/2021 Date
Beste NAZILLI	
Printed Name in English	Printed Name in Native Language
	(if other than English)

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

I Kevin Daniel MORRISON joint inventor of subject matte application entitled "UPDATING COLLABORATIVE OBJECT ACTIVIT	r ("INVENTION") disclosed G USER-SPECIFIC APPLICA	•
ASSIGNEE'S legal in LLC., One Microsof LEGAL REPRESENT on March 19, 202 the following Offi	ASSIGNOR hereby authorepresentative, Microsoft of Way, Redmond, Washing (ATIVES), to insert here and given Application ce "US – United States In EATION's Application No.,	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed No. <u>17/207,078</u> by Patent and Trademark
	and was giv by the following O <u>Frademark Office</u> ";	
behalf of itself and its successors of acquiring, the entire and expriority, in the INVENTION and t derived therefrom, such as cont United States, its territories, and	s and assigns ("ASSIGNEE") clusive rights, title and in he APPLICATION (and all o tinuing applications, in wh all foreign countries ("API zes, and requests, ASSIGN	terest, including the right of ther applications and patents nole or in part, in and for the PLICATION DERIVATIVES")); EE'S LEGAL REPRESENTATIVES
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Application No.	Filing Date	Office

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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).

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

I Saga	ar Nagaraja SHASTR	$\underline{\underline{Y}}$ ("ASSIGNOR") am the α	original inventor or an original
joint invent	or of subject matte	r ("INVENTION") disclose	d and/or claimed in a patent
application	entitled "UPDATING	USER-SPECIFIC APPLICATION	ATION INSTANCES BASED ON
COLLABORA	TIVE OBJECT ACTIVI	TY", which:	
	ASSIGNEE'S legal to LLC., One Microsoft LEGAL REPRESENT on March 19, 20: the following Office (Control of the following Office (Cont	ASSIGNOR hereby authrepresentative, Microsoft Way, Redmond, Washing ATIVES), to insert here and given Application ce "US — United States CATION's Application No.	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed n No. <u>17/207,078</u> by <u>Patent and Trademark</u>
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behalf of itse of acquiring priority, in t derived ther	elf and its successor i, the entire and ex he INVENTION and t refrom, such as con	s and assigns ("ASSIGNEE" clusive rights, title and i he APPLICATION (and all tinuing applications, in w	in limited liability company, on '), is entitled to, and is desirous nterest, including the right of other applications and patents hole or in part, in and for the PPLICATION DERIVATIVES"));
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Application		Filing Date	Office
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Client Docket No.: 409359-US-NP Attorney Docket No.: M\$1-9532US

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	Sagar Najmaja Shally	3/15/8921
i	nventor's Signature	Date
S	agar Nagaraja SHASTRY	porte porter 123
F	rinted Name in English	Printed Name in Native Language
		(if other than English)

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

I <u>Eric Jonathan HULL</u> ("AS inventor of subject matter ("I application entitled "UPDATING COLLABORATIVE OBJECT ACTIVITY	INVENTION") disclosed a USER-SPECIFIC APPLICA	·
ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENT on <u>March 19, 20</u> the following Offi	ASSIGNOR hereby authorepresentative, Microsoft to Way, Redmond, Washingth ATIVES), to insert here and given Application ce "US – United States FEATION's Application No.,	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed No. <u>17/207,078</u> by Patent and Trademark
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Application No.	Filing Date	Office

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

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Inventor's Signature

Eric Jonathan HULL

Printed Name in English

Date

Printed Name in Native Language (if other than English)

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

I <u>Alexander Tobias POWE</u> joint inventor of subject matte application entitled "UPDATING COLLABORATIVE OBJECT ACTIVIT	r ("INVENTION") disclosed i USER–SPECIFIC APPLICA	•
ASSIGNEE'S legal in LLC., One Microsof LEGAL REPRESENT on March 19, 202 the following Offi	ASSIGNOR hereby authorepresentative, Microsoft of Way, Redmond, Washing (ATIVES), to insert here and given Application ce "US – United States In CATION's Application No.,	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed No. <u>17/207,078</u> by Patent and Trademark
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Application No.	Filing Date	Office

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

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

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

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:

\boxtimes	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, 2021 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;
	was filed on and was given Application
	Noby 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	

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"));

3/16/2021
Date
杨磊
Printed Name in Native Language
(if other than English)

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

I <u>Manasi SHARMA</u> ("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:

\boxtimes	will be filed. ASSIGNOR hereby authorizes, and requests,
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	LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
	LEGAL REPRESENTATIVES), to insert here in parentheses (filed on March 19, 2021 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;

was filed on		and was given Application	
	No	by the following Office "US - United	
	States Patent and Tradem	ark Office":	

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

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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Manage Shame	3/16/2021
Inventor's Signature	Date
Manasi SHARMA	
Printed Name in English	Printed Name in Native Language
	(if other than English)

REEL: 064560 FRAME: 0052

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

		Auomey Doci	ket No.: M81-9552U3
inventor of subject application entitled	PPAL ("ASSIGNOR") am the matter ("INVENTION") di "UPDATING USER-SPECIFIC CT ACTIVITY", which:	sclosed and/or claimed	d in a patent
ASSIGN LLC., O LEGAL on <u>Ma</u> the foll	e filed. ASSIGNOR here EE'S legal representative, I ne Microsoft Way, Redmond REPRESENTATIVES), to insorb 19, 2021 and given A lowing Office "US – United this APPLICATION's Applications;	Microsoft Technology Li , Washington 98052 (ASS ert here in parenthese pplication No. <u>17/207,03</u> d States Patent and Tra	censing, SIGNEE'S es (filed 78by ademark
No	d ona by the fo Patent and Trademark Office	ollowing Office " <u>US – Unit</u>	
behalf of itself and its of acquiring, the ent priority, in the INVEN derived therefrom, se	nnology Licensing, LLC, a Was successors and assigns ("A tire and exclusive rights, ti TION and the APPLICATION uch as continuing applicati ritories, and all foreign cour	SSIGNEE"), is entitled to, tle and interest, includion (and all other application ons, in whole or in part,	and is desirousing the right of ons and patents in and for the
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Allo	3/15/21
Inventor's Signature	Date
Siddharth UPPAL	
Printed Name in English	Printed Name in Native Language
	(if other than English)

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

I <u>Yuri DOGANDJIEV</u> ("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:

\boxtimes	will be filed.	ASSIGNOR	hereby	authoriz	es, and	reque	ests
	ASSIGNEE'S legal	representat	ive, Micr	osoft Tec	hnology	Licens	ing
	LLC., One Microso	oft Way, Redr	nond, Wa	ashington	98052 (ASSIGN	EE'S
	LEGAL REPRESEN				•		
	the following Of						
	Office": this APPL when known;	ICATION's A	pplicatio	n No., filir	ng date,	and Of	fice
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Inventor's Signature

Yuri DOGANDIIEV

Printed Name in English

3/16/2021

Daté

HOPY, LOPAHAHINEB

Printed Name in Native Language (if other than English)