### 507215031 04/04/2022

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7261881

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
JESSE H. STEIN	03/30/2022
BRIAN H. BURKS	03/31/2022
LU HAN	03/31/2022
SHILPI SINHA	03/25/2022
ANTOINE HAAS	03/31/2022
GAURAV BINDLISH	04/03/2022
SRINIVASA RAGHAVAN SANTHANAM	03/30/2022
HARISH JAYANTI	04/04/2022
BRENT E. FORD	03/31/2022
CRISTIAN M. MATESAN	03/31/2022
WILLIIS FUNG	03/30/2022
SARVESH SURANA	03/31/2022
LING-YA HUANG	04/04/2022
MAGDALENA DAKEVA	04/02/2022
PETER JOHN RICHARDS	03/30/2022
FENGNA GU	04/04/2022
ANDREW N. DWERSTEG	03/31/2022
JULIO CESAR GUTIERREZ	03/31/2022
ABHISHEK MONDAL	03/31/2022
WILLIAM P. DINKUHN	03/31/2022
SHIYUAN ZHAO	03/30/2022
JONATHAN I. REYES SPEZZIA	04/04/2022
WOO RAM LEE	04/04/2022
AAYUSHI CHOWDHARY	03/30/2022
CONNER BRENNICK	04/04/2022
KHUSHI HITENDRA PATEL	03/30/2022
MICHAEL J. KREJCIK	03/31/2022
AMBER JERICA MCRAE	04/04/2022

### **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:	17713081

#### CORRESPONDENCE DATA

**Fax Number:** (832)375-0202

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:** 832-375-0200

**Email:** usdocket@microsoft.com, docketing@iiplg.com

Correspondent Name: MICROSOFT CORPORATION

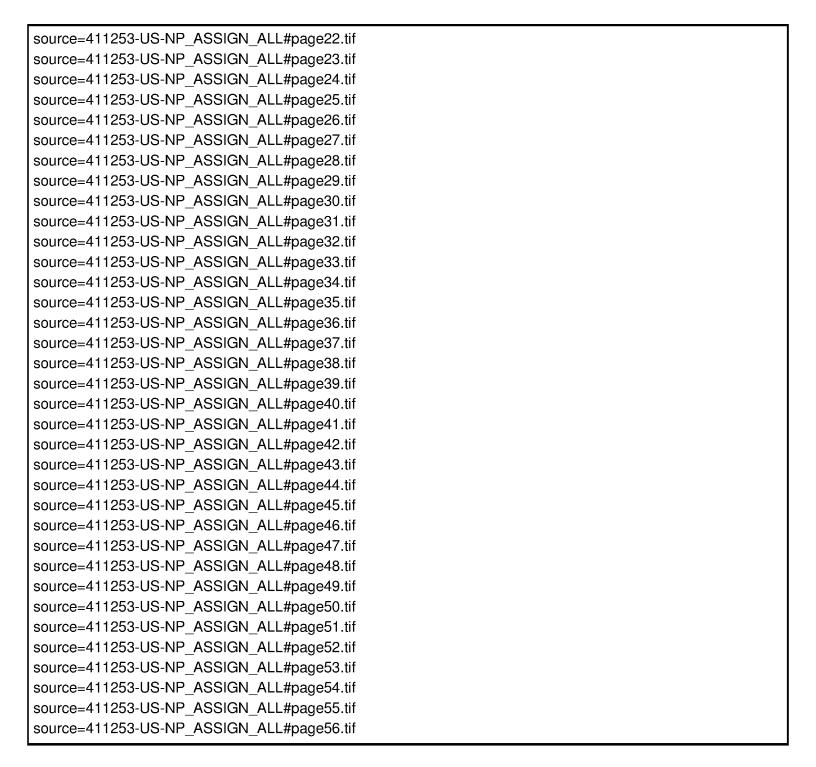
Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	411253-US-NP
NAME OF SUBMITTER:	ABIGAIL J. TAYLOR
SIGNATURE:	/Abigail J. Taylor/
DATE SIGNED:	04/04/2022

#### **Total Attachments: 56**

source=411253-US-NP ASSIGN ALL#page1.tif source=411253-US-NP\_ASSIGN\_ALL#page2.tif source=411253-US-NP\_ASSIGN\_ALL#page3.tif source=411253-US-NP ASSIGN ALL#page4.tif source=411253-US-NP\_ASSIGN\_ALL#page5.tif source=411253-US-NP\_ASSIGN\_ALL#page6.tif source=411253-US-NP ASSIGN ALL#page7.tif source=411253-US-NP ASSIGN ALL#page8.tif source=411253-US-NP\_ASSIGN\_ALL#page9.tif source=411253-US-NP\_ASSIGN\_ALL#page10.tif source=411253-US-NP\_ASSIGN\_ALL#page11.tif source=411253-US-NP ASSIGN ALL#page12.tif source=411253-US-NP\_ASSIGN\_ALL#page13.tif source=411253-US-NP ASSIGN ALL#page14.tif source=411253-US-NP ASSIGN ALL#page15.tif source=411253-US-NP ASSIGN ALL#page16.tif source=411253-US-NP ASSIGN ALL#page17.tif source=411253-US-NP ASSIGN ALL#page18.tif source=411253-US-NP\_ASSIGN\_ALL#page19.tif source=411253-US-NP ASSIGN ALL#page20.tif source=411253-US-NP ASSIGN ALL#page21.tif



I Jesse H. STEIN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

X	will	be	filed.	ASSIGNOR	hereby	autho	rizes,	and	reque	ests,
	ASSIC	GNEE	'S legal	representa	ative, Mic	rosoft <sup>-</sup>	Techno	ology	Licens	ing,
	LLC,	One	Microso	oft Way, Red	lmond, Wa	ashingt	on 980	)52 (A	\SSIGN	EE'S
	LEGA	L R	EPRESEN	ITATIVES),	to insert	here	in pai	renthe	eses (f	iled
	on _	<u>Apri</u>	l 4, 202	<u>2</u> and g	iven Appl	ication	No. <u>1</u>	7/71	<u>3,081</u>	_by
	the f	ollov	ving Off	ice <u>US – Uni</u>	<u>ted States</u>	<u>Patent</u>	and Tr	<u>adem</u>	<u>ark Of</u>	fice)
	this	APPL	ICATIO!	N's Applicat	tion No.,	filing d	late, aı	nd Of	fice, w	hen
	know	/n;								
	was 1	filed	on		and was	given A	pplicat	tion		
	No _			by the	following	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"));

Application No.	Filing Date	Office

PATENT ASSIGNMENT	MS Docket No.:	<u>411253-US-NP</u>

for M	3/30/22
inventor's Signature	Date
Jesse H. STEIN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Brian H. BURKS</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

$\times$	will be	e filed.	ASSIGNOR	hereby	authorize	es, and	reque	ests,	
	ASSIGN	IEE'S legal	representat	ive, Micr	osoft Tec	hnology	Licens	ing,	
	LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE								
	LEGAL	REPRESEN	TATIVES), to	o insert	here in	parenthe	eses (1	filed	
	on Ap	oril 4, 2022	and giv	en Appli	cation No.	17/713	3,081	_by	
	the foll	owing Offi	ce <u>US – Unite</u>	ed States	Patent and	<u>l Tradem</u>	ark Of	fice)	
	this AP	PPLICATION	l's Applicati	on No., f	iling date	, and Of	fice, w	hen	
	known	,							
	was file	ed on	â	and was g	given Appl	ication			
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Application No.	Filing Date	Office

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LJ 1100 1	
MIN XI	3/31/2022
Inventor's Signature	Date
Brian H. BURKS	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

MS Docket No.:

411253-US-NP

I <u>Lu HAN</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), 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 April 4, 2022 and given Application No. 17/713,081 by
	the following Office <u>US - United States Patent and Trademark Office</u>
	this APPLICATION's Application No., filing date, and Office, when
	known;

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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

Page 1 of 2

Printed Name in English

(if other than English)

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"));

Printed Name in English	Printed Name in Native Language
Lu HAN	
Inventor's Signature	Date '
In Har	3/3//2072
	HILLIAN MATALARITA SURIA MATAMININI MENGANINI MATAMININI MATAMININI MATAMININI MATAMININI MATAMININI MATAMININ

I <u>Shilpi SINHA</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

$\boxtimes$	will be filed.	ASSIGNOR hereby authorizes, and reque	sts
		representative, Microsoft Technology Licens	
	LLC, One Micros	oft Way, Redmond, Washington 98052 (ASSIGN	EE'S
	LEGAL REPRESE	NTATIVES), to insert here in parentheses (f	ilec
	on April 4, 202	2 and given Application No. <u>17/713.081</u>	_b)
		ice <u>US – United States Patent and Trademark Of</u>	
	this APPLICATIO	N's Application No., filing date, and Office, w	her
	known;		
Ш	was filed on	and was given Application	
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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"));

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Application No:	Filing Date	Office
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Page 1 of 2

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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).

Milvidiple	
Inventor's Signature	3 25 22 Date
	Pare .
Shilpi SINHA Printed Name in English	Printed Name in Native Language

(if other than English)

I <u>Antoine HAAS</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

X	will	be	filed.	ASSIGNOR	hereby	authorizes,	and	reque	ests,
	ASSI	GNE	E'S legal	representat	ive, Micr	osoft Techn	ology	Licens	sing,
	LLC,	One	Microso	ft Way, Redr	nond, Wa	ashington 98	052 (A	SSIGN	IEE'S
	LEG/	۸L R	EPRESEN	TATIVES), t	o insert	here in pa	renthe	eses (	filed
	on _	<u>April</u>	4, 2022	and giv	ven Appli	cation No	7/713	3,081	_ by
	the f	ollov	wing Offi	ce <u>US – Unite</u>	ed States	Patent and T	<u>radem</u>	ark Of	fice)
	this	APPI	LICATION	l's Applicati	on No., 1	filing date, a	nd Of	fice, w	vhen
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	was	filed	on		and was g	given Applica	tion		
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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"));

Application No.	Filing Date	Office

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Antoine Haas	3/34/22
Inventor's Signature	Date
Antoine HAAS	
Printed Name in English	Printed Name in Native Language
	(if other than English)

### PATENT ASSIGNMENT

MS Docket No.:

411253-US-NP

I Gaurav BINDLISH ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

$\boxtimes$	will be filed. ASSIGNOR hereby authorizes, and request:	ŝ,
	ASSIGNEE'S legal representative, Microsoft Technology Licensing	j,
	LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE)	S
	LEGAL REPRESENTATIVES), to insert here in parentheses (file	d
	on <u>April 4, 2022</u> and given Application No. <u>17/713,081</u> b	y
	the following Office <u>US - United States Patent and Trademark Office</u>	•)
	this APPLICATION's Application No., filing date, and Office, whe	n
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Application No.	Filing Date	Office

Gauran Bridlyli	09/03/2022
Inventor's Signature	Date
Gauray BINDLISH	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.:

411253-US-NP

1	Srinivasa Ragh	avan SANT	HANAM	("ASSIGNOR")	am the	original in	ventor or an
original	joint inventor	of subject	matter	("INVENTION")	disclos	ed and/or	claimed in a
patent	application	entitled	"NATIV	ELY-INTEGRAT	ED AF	PLICATION	CONTENT
CUSTON	AIZATION FOR I	ENTERPRISE	S" ("APP	'LICATION"), wi	hich:		

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	ASSIGNE	EE'S leg	al repres	entativ	/e, Mici	rosoft	Techn	ology	Licen	sing
	LLC, On	e Micro	soft Way,	Redm	ond, W	ashing	ton 98	052 (A	SSIG	NEE'S
	LEGAL	REPRES	ENTATIVE	S), to	insert	here	in pa	renthe	eses	(filec
	on Apr	il 4, 202	22 ar	nd give	en Appl	ication	No. <u>1</u>	7/713	081	by
	the folio	wing O	ffice <u>US -</u>	United	l States	Patent	and T	<u>radem</u>	<u>ark O</u>	iffice
	this APF	LICATI	ON's App	licatio	n No.,	filing (	date, a	nd Of	fice,	wher
	known;									
	was file	d on		ar	nd was	given /	Applica	tion		
	No		by	the fo	llowing	Office				
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Application No.	Filing Date	Office
	:	

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

Srinivasa Raghavan SANTHANAM

Printed Name in English Printed Name in Native Language
(if other than English)

I	<u>Haris</u>	h JAYAI	2A") <u>ITV</u>	SIGNOR")	am	the	original	invento	r or	an	orig	ina	l joint
invento	r of	subject	matter	("INVENT	"NOI	) di	sclosed	and/or	clain	ned	in	a	patent
applicat	ion e	ntitled "	NATIVEL	Y-INTEGI	RATE	D AF	PPLICATIO	ON CONT	TENT	CU:	STO	MIZ	ATION
FOR EN	TERPR	ISES" ("A	PPLICAT	ION"), wh	iich:								

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ASSIGNEE'S
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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"));

Application No.	Filing Date	Office	-
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Harish Jayarhi	04/04/2022
Inventor's Signature	Date
Harish JAYANTI	
Printed Name in English	Printed Name in Native Language
	(if other than English)

i <u>Brent</u>	<u>E. FORD</u> ("ASSIGNOR") am the original inventor or an original joint inventor
of subject mai	tter ("INVENTION") disclosed and/or claimed in a patent application entitled
"NATIVELY-IN	ITEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES"
("APPLICATIOI	N"). 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 April 4, 2022 and given Application No. 17/713.081 by the following Office US – United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;
Π,	was filed on and was given Application
	No by the following Office
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behalf of itsel of acquiring, priority, in the derived there	oft Technology Licensing, LLC, a Washington limited liability company, on f and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous the entire and exclusive rights, title and interest, including the right of INVENTION and the APPLICATION (and all other applications and patents from, such as continuing applications, in whole or in part, in and for the its territories, and all foreign countries ("APPLICATION DERIVATIVES"));
ASSIGN	IOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES
	Application No., filing date, and Office into the following table for any

APPLICATION DERIVATIVES after they are known;

Application No. Filing Date Office

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3/3//2022
Inventor's Signature Date

Brent E. FORD

Printed Name in English Printed Name in Native Language

(if other than English)

I <u>Cristian M. MATESAN</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

$\times$	will	be	filed.	ASSIGNOR	hereby	authori	zes,	and	requ	ıests,
	ASSI	GNEI	E'S legal	representa	tive, Mici	rosoft Te	chno	ology	Licen	sing,
	LLC,	One	Microso	oft Way, Redi	mond, Wa	ashingtoi	1 980	)52 (A	ASSIGI	NEE'S
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	on _/	4pril	4, 2022	and gi	ven Appli	cation N	o. <u>1</u>	<mark>7/713</mark>	3,081	by
	the f	ollov	ving Offi	ice <u>US – Unit</u>	ed States	Patent aı	nd Tr	<u>adem</u>	ark O	ffice)
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Application No.	Filing Date	Office

milel	3/31/22
Inventor's Signature	Date
Cristian M. MATESAN	Matesan Cristian M.
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Willis FUNG</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

$\times$	will	be	filed.	ASSIGNOR	hereby	autho	orizes,	and	requ	iests,
	ASSI	GNEI	E'S legal	representat	ive, Micr	osoft	Techno	ology	Licen	sing,
	LLC,	One	Microso	oft Way, Redr	nond, Wa	ashingt	ton 980	)52 (A	ASSIGN	NEE'S
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	the f	follov	wing Offi	ice <u>US – Unite</u>	ed States	Patent	and Tr	<u>adem</u>	ark O	ffice)
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Application No.	Filing Date	Office

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MS Docket No.: 411253-US-NP

PATENT ASSIGNMENT

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Wither	02/20/2022
Inventor's Signature	03/30/2022 Date
Willis FUNG	
Printed Name in English	Printed Name in Native Language (if other than English)

inventor of subject matter ("INVENTION") disclosed and/or claimed in a paten application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION	I <u>Sarvesh SURANA</u> ("ASSIGNOR") am	the original inventor or an origina	l joint
	inventor of subject matter ("INVENTION")	) disclosed and/or claimed in a	patent
	application entitled "NATIVELY-INTEGRATED	APPLICATION CONTENT CUSTOMIZATION	ATION
FOR ENTERPRISES" ("APPLICATION"), which:	FOR ENTERPRISES" ("APPLICATION"), which:		

X	will	be	filed.	ASSIGNOR	hereby	auth	orizes,	and	requ	ests,
	ASSI	GNEI	E'S legal	representa	tive, Mic	rosoft	Techno	ology	Licen	sing,
	LLC,	One	Microso	oft Way, Red	mond, Wa	ashing	ton 980	)52 (A	ASSIGN	NEE'S
	LEG/	AL R	EPRESEN	ITATIVES), 1	o insert	here	in pa	renthe	eses	(filed
	on _	April	4, 2022	and gi	ven Appl	ication	No. <u>1</u>	7/713	3,081	by
	the f	ollov	ving Offi	ice <u>US – Unit</u>	<u>ed States</u>	Patent	t and Tr	<u>adem</u>	ark O	ffice)
	this	APPI	LICATION	N's Applicat	ion No.,	filing	date, a	nd Of	fice, v	when
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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"));

Application No.	Filing Date	Office

PATENT ASSIGNMENT	MS Docket	No.:	411253-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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Soarch Swene	3/31/2022			
Inventor's Signature	Date			
Sarvesh SURANA				
Printed Name in English	Printed Name in Native Language			
	(if other than English)			

I <u>Ling-Ya HUANG</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

$\times$	will	be	filed.	ASSIGNOR	hereby	authorize	es, and	requests,
	ASSI	GNEI	E'S legal	representa	tive, Micı	rosoft Tecl	hnology	Licensing,
	LLC,	One	Microso	oft Way, Red	mond, Wa	ashington	98052 (A	ASSIGNEE'S
	LEG/	AL R	EPRESEN	ITATIVES), t	o insert	here in	parenth	eses (filed
	on _	Apri	4, 2022	and gi	ven Appli	cation No.	17/713	<u>,081</u> by
	the f	ollov	ving Offi	ice <u>US – Unit</u>	ed States	Patent and	l Tradem	ark Office)
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Application No.	Filing Date	Office	

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Inventor's Signature

Ling-Ya HUANG

Printed Name in English

04/04/2022

Date

黄珠雅

Printed Name in Native Language (if other than English)

I <u>Magdalena DAKEVA</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

$\times$	will l	be	filed.	<b>ASSIGNOR</b>	hereby	autho	rizes,	and	reque	ests,
	ASSIG	NEE	'S legal	representa	tive, Micr	osoft <sup>-</sup>	Techno	logy	Licens	ing,
	LLC, C	One	Microso	ft Way, Red	mond, Wa	ashingt	on 980	)52 (A	SSIGN	EE'S
	LEGAL	L RE	PRESEN	TATIVES), t	o insert	here	in par	enthe	ses (1	filed
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	the fo	llow	ing Offic	ce <u>US – Unit</u>	<u>ed States</u>	<u>Patent</u>	and Tra	<u>adem</u>	ark Of	fice)
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	was fi	iled	on		and was g	given A	pplicat	ion		
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Application No.	Filing Date	Office

PATENT ASSIGNMENT	MS Docket No.:	411253-US-NP

( / T	
Majdaleus Dauera	4/2/2022
Inventor's Signature	Date
Magdalena DAKEVA	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Peter John RICHARDS</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

$\times$	will k	be fi	led.	<b>ASSIGNOR</b>	hereby	autho	rizes,	and	reque	ests,
	ASSIG	NEE'S	legal	representa	tive, Micr	osoft <sup>-</sup>	Techno	logy	Licens	ing,
	LLC, C	One M	1icrosof	t Way, Red	mond, Wa	ashingt	on 980	)52 (A	SSIGN	EE'S
	LEGAL	REF	PRESENT	ΓATIVES), t	o insert	here	in par	enthe	eses (f	filed
	on <u>A</u>	pril 4	2022	and gi	ven Appli	cation	No. <u>1</u>	<u>7/713</u>	3,081	_by
	the fo	llowii	ng Offic	e <u>US – Unit</u>	<u>ed States</u>	<u>Patent</u>	and Tr	<u>adem</u> a	ark Of	fice)
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	was fi	led o	n		and was	given A	pplicat	ion		
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Application No.	Filing Date	Office

	,

	3/30/2022		
Inventor's Signature	Date		
Peter John RICHARDS			
Printed Name in English	Printed Name in Native Language		
	(if other than English)		

## PATENT ASSIGNMENT

MS Docket No.:

411253-US-NP

I <u>Fengna GU</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), 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 April 4, 2022 and given Application No. 17/713 081 by
	the following Office <u>US - United States Patent and Trademark Office</u> )
	this APPLICATION's Application No., filing date, and Office, when
	known;
	was filed on and was given Application
	No by the following Office
	" " " " " " " " " " " " " " " " " " "
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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.	Office
	 Uffice

Page 1 of 2

MS Docket No.:

411253-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"));

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

Fengna GU

Printed Name in English

Date

Printed Name in Native Language

(if other than English)

I <u>Andrew N. DWERSTEG</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

X	will b	e filed.	ASSIGNO	R hereby	authori	zes,	and	requ	ests
	ASSIGN	NEE'S le	gal represent	ative, Mic	rosoft Te	echno	logy	Licen	sing,
	LLC, O	ne Micro	osoft Way, Red	dmond, W	ashingto	n 980	52 (A	SSIGN	NEE'S
	LEGAL	REPRES	ENTATIVES),	to insert	here ir	n par	enthe	ses (	(filed
	on <u>A</u>	<u>pril 4, 20</u>	<u>22</u> and <u>c</u>	given Appl	ication N	o. <u>17</u>	713,	081	by
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	this A	PPLICAT	ON's Applica	tion No.,	filing da	te, an	d Off	ice, v	when
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Application No.	Filing Date	Office

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Inventor's Signature

Date

Andrew N. DWERSTEG

Printed Name in English

Printed Name in Native Language (if other than English)

I <u>Julio Cesar GUTIERREZ</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

$\boxtimes$	will	be	filed.	ASSIGNOR	hereby	autho	orizes,	and	reque	ests,
	ASSIC	SNEE	'S legal	representa	tive, Mic	rosoft	Techno	ology	Licens	sing,
	LLC,	One	Microso	oft Way, Red	mond, Wa	ashing	ton 980	)52 ( <i>A</i>	ASSIGN	EE'S
	LEGA	L R	EPRESEN	ITATIVES),	to insert	here	in pa	renthe	eses (	filed
	on A	pril 4	4, 2022	and g	iven Appl	ication	No. <u>1</u>	7/71	3,081	_ by
	the fo	ollov	ving Offi	ice <u>US – Unit</u>	ed States	Patent	t and Tr	<u>adem</u>	ark Of	fice)
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Application No.	Filing Date	Office	
- ' '			

PATENT ASSIGNMENT	•	MS Docket	No.:	411253-US-NP

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Aulio Cesor Latierrey	
V	3/31/2022
Inventor's Signature	Date
Julio Cesar GUTIERREZ	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Abhishek MONDAL</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

$\boxtimes$	will be	filed.	ASSIGNOR	hereby	author	izes,	and	requ	ests,
	ASSIGN	EE'S lega	l representat	tive, Mici	rosoft T	echno	logy	Licen	sing,
	LLC, On	e Microso	oft Way, Redi	nond, Wa	ashingto	n 980	)52 (A	SSIGN	VEE'S
	LEGAL	REPRESEN	NTATIVES), t	o insert	here i	n par	enthe	ses (	(filed
	on Apr	14, 2022	and gi	ven Appli	ication N	lo. <u>1</u>	<u>7/713,</u>	081	by
	the follo	owing Off	ice <u>US – Unite</u>	<u>ed States</u>	Patent a	ınd Tr	<u>adem</u>	<u>ark O</u>	ffice)
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Abhishek MONDAL

Printed Name in English

Printed Name in Native Language

(if other than English)

I <u>William P. DINKUHN</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

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	on <u>April 4, 2022</u> and given Application No. $17/713,081$ by
	the following Office <u>US – United States Patent and Trademark Office</u> )
	this APPLICATION's Application No., filing date, and Office, when
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	<u>"                                    </u>

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Application No.	Filing Date	Office

PATENT ASSIGNMENT	MS Docket No.:	<u>411253-US-NP</u>
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Inventor's Signature	<u>03/31/2022</u> Date
William P. DINKUHN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Shiyuan ZHAO</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

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	LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
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	on April 4, 2022 and given Application No. 17/713,081 by
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Application No.	Filing Date	Office
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Date

Shiyuan ZHAO
Printed Name in English

Date

Printed Name in English

Date

Printed Name in Native Language (if other than English)

I <u>Jonathan I. REYES SPEZZIA</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

$\times$	will	be	filed.	ASSIGNOR	hereby	authorizes,	and	requ	ests,
	ASSI	GNE	E'S legal	representat	ive, Micr	osoft Techn	ology	Licen	sing,
	LLC,	One	Microso	ft Way, Redr	nond, Wa	shington 98	3052 (A	ASSIGI	NEE'S
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Application No.	Filing Date	Office	

PATENT ASSIGNMENT	MS Docket No.:	411253-US-NP
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<u> Tond'han Kejes Çezza</u>	<u>ON/ON/2.022</u>
Inventor's Signature	Date
Jonathan I. REYES SPEZZIA Printed Name in English	Printed Name in Native Language (if other than English)

I <u>Woo Ram LEE</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

$\times$	will	be	filed.	ASSIGNOR	hereby	authoriz	zes,	and	requ	ests,
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	LLC,	One	Microso	oft Way, Red	mond, Wa	ashingtor	າ 980	)52 (A	\SSIG1	NEE'S
	LEGA	AL R	EPRESEN	ITATIVES), t	o insert	here in	pai	renthe	eses	(filed
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Application No.	Filing Date	Office	
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Cloo Ram LEE	4/4/2022
Inventor's Signature	Date
_Woo Ram LEE	
Printed Name in English	Printed Name in Native Language (if other than English)

I <u>Aayushi CHOWDHARY</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

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he fol	llow	ing Offi	ice <u>US –</u>	Unit	ed Sta	ates	Paten	t and	l Tra	adem	ark C	Office)
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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"));

Application No.	Filing Date	Office	

Agyushi Chowdha	) U	03	3D	122
Inventor's Signature	Date	/	,	
Aayushi CHOWDHARY				
Printed Name in English		d Name ir er than Er	ı Native Langı ıglish)	uage

I <u>Conner BRENNICK</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

$\times$	will	be	filed.	ASSIGNOR	hereby	authoriz	es, and	d req	uests,
	ASSI	GNE	E'S legal	representa	tive, Micı	rosoft Ted	chnology	y Licei	nsing,
	LLC,	One	Microso	oft Way, Red	mond, Wa	ashington	98052	(ASSIG	NEE'S
	LEG/	AL R	EPRESEN	ITATIVES), t	o insert	here in	parent	heses	(filed
	on _	<u>April</u>	4, 2022	and gi	ven Appli	cation No	. 17/7	13,081	by
	the f	ollo	ving Offi	ice <u>US – Unit</u>	ed States	Patent an	d Trade	mark C	Office)
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Application No.	Filing Date	Office	

PATENT ASSIGNMENT	MS Docket No.:	<u>411253-US-NP</u>

4/4/2022
Date
Printed Name in Native Language (if other than English)

I Khushi Hitendra PATEL ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

$\boxtimes$	will	be	filed.	ASSIGNOR	hereby	authori	zes,	and	requ	iests,
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Application No.	Filing Date	Office

PATENT ASSIGNMENT	MS Docket No.:	411253-US-NP
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Mushi Hiteralia Patel Inventor's Signature		03/30/2022 Date
	nushi Hitendra PATEL inted Name in English	Printed Name in Native Language (if other than English)

I <u>Michael J. KREJCIK</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

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	ASSIG	NEE'	'S legal	representa	tive, Micr	osoft <sup>-</sup>	Techno	logy	Licens	ing.
	LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE							EE'S		
	LEGAL	L RE	PRESEN	TATIVES), t	o insert	here	in par	enthe	ses (	filed
	onA	April 4	4, 2022	and gi	ven Appli	cation	No. <u>1</u>	7/713	3,081	_ by
	the following Office <u>US - United States Patent and Trademark Office</u> this APPLICATION's Application No., filing date, and Office, whe					fice)				
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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"));

Application No.	Filing Date	Office

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	03/31/2022		
Inventor's Signature	Date		
Michael J. KREJCIK			
Printed Name in English	Printed Name in Native Language		
	(if other than English)		

I <u>Amber Jerica MCRAE</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NATIVELY-INTEGRATED APPLICATION CONTENT CUSTOMIZATION FOR ENTERPRISES" ("APPLICATION"), which:

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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"));

Application No.	Filing Date	Office	

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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).

nventor's Gignature  Amber Jerica MCRAE	04/04/2022 Date
Printed Name in English	Printed Name in Native Language (if other than English)

RECORDED: 04/04/2022