506525603 02/25/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6572379

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARTUR KLAUSER	02/16/2021
JASON S. WOHLGEMUTH	02/16/2021
ABOLADE GBADEGESIN	02/16/2021
GAGAN GUPTA	02/16/2021
SOHEIL EBADIAN	02/16/2021
THOMAS PHILIP SPEIER	02/16/2021
DEREK CHIOU	02/25/2021

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:	17185855

CORRESPONDENCE DATA

Fax Number: (877)812-1249

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: 919-238-2300

Email: usdocket@microsoft.com

Correspondent Name: MTL (NON-EXPORT) AND WITHROW + TERRANOVA

Address Line 1: 106 PINEDALE SPRINGS WAY
Address Line 4: CARY, NORTH CAROLINA 27511

ATTORNEY DOCKET NUMBER:	7006-063
NAME OF SUBMITTER:	KATIE KENNEDY
SIGNATURE:	/Katie Kennedy/
DATE SIGNED:	02/25/2021

PATENT REEL: 055418 FRAME: 0006

Total Attachments: 14 source=7006-063_Assignment#page1.tif source=7006-063_Assignment#page2.tif source=7006-063_Assignment#page3.tif source=7006-063_Assignment#page4.tif source=7006-063_Assignment#page5.tif source=7006-063_Assignment#page6.tif source=7006-063_Assignment#page7.tif source=7006-063_Assignment#page8.tif source=7006-063_Assignment#page9.tif source=7006-063_Assignment#page9.tif source=7006-063_Assignment#page10.tif source=7006-063_Assignment#page11.tif source=7006-063_Assignment#page12.tif source=7006-063_Assignment#page13.tif source=7006-063_Assignment#page13.tif

PATENT REEL: 055418 FRAME: 0007

Artur KLAUSER ("ASSIGNOR") am th	e original inventor or an original joint i
of subject matter ("INVENTION") disclosed a	
"ENABLING PERIPHERAL DEVICE MESSAGING	
BASED DEVICES" ("APPLICATION"), which:	Beary face of Automorphic School
and the springly will the proper terminal pur-	Parts & Report Course of Society of the
ASSIGNEE'S legal representa LLC, One Microsoft Way, Red	hereby authorizes, and requests tive, Microsoft Technology Licensing mond, Washington 98052 (ASSIGNEE'S
	o insert here in parentheses (filed
	ven Application No by ed States Patent and Trademark Office)
	on No., filing date, and Office, when
☐ was filed on	and was given Application
	ollowing 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
	<u> </u>	

Ala Ulmania	
Inventor's Signature	Date
Artur KLAUSER	
Printed Name in English	ur otner than English:

MS Docket No.: 409222-US-NP

I Jason S. WOHLGEMUTH ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ENABLING PERIPHERAL DEVICE MESSAGING VIA APPLICATION PORTALS IN PROCESSOR-BASED DEVICES" ("APPLICATION"), which:

will be filed.	ASSIGNOR hereby authorizes, and requests
	al representative, Microsoft Technology Licensing
LLC, One Micro	soft Way, Redmond, Washington 98052 (ASSIGNEE':
LEGAL REPRESE	NTATIVES), to insert here in parentheses (filed
on	and given Application Nob
the following Of	ffice <u>US – United States Patent and Trademark Office</u>
	ON's Application No., filing date, and Office, wher
known:	
was filed on	and was given Application
	and was given Application 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"));

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
	5. 1.1666, 649, 12	
	A Arresto	
		50° 50°
	A	
		* ***.

Page 1 of 2

PATENT

REEL: 055418 FRAME: 0010

<u> </u>		
Javentor's Signature		25
Jason S. WOHLGEMUTH		
Printed Name in English	Printed Name in Na (if other than Engli	· · · · · · · · · · · · · · · · · · ·

I Abolade GBADEGESIN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ENABLING PERIPHERAL DEVICE MESSAGING VIA APPLICATION PORTALS IN PROCESSOR-BASED DEVICES" ("APPLICATION"), which:

X	will be	filed.	ASSIGNOR	hereby	authori	zes,	and re	equests,
	ASSIGNEE:	'S legal	representat	ive, Micr	osoft Te	echno	logy Lie	censing,
	LLC, One	Microsof	t Way, Redr	nond, Wa	ıshingto	n 980	52 (ASS	IGNEE'S
	LEGAL RE	PRESENT	ΓΑΤΙVES), t	o insert	here in	n par	enthese	s (filed
	on		and giv	en Appli	cation N	o		by
	the follow	ing Offic	e <u>US – Unite</u>	<u>d States</u>	<u>Patent a</u>	nd Tra	<u>ademarl</u>	<u>c Office</u>)
	this APPLI	CATION	's Applicati	on No., 1	filing da	te, an	d Offic	e, when
	known;							
	was filed	on		ınd was g	given Ap	plicat	ion	
	No		by the fo	ollowing	Office			
	"			n.				

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	

	1	
	1	
	§	
	1	
	1	
		1

Abolade Gbadegesin	February 16, 2021
Inventor's Signature	Date
Abolade GBADEGESIN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 409222-US-NP

I Gagan GUPTA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ENABLING PERIPHERAL DEVICE MESSAGING VIA APPLICATION PORTALS IN PROCESSOR-BASED DEVICES" ("APPLICATION"), which:

\boxtimes	will be	filed.	ASSIGNOR	hereby	autho	rizes,	and re	quests,
	ASSIGNI	EE'S lega	l representa	itive, Mic	rosoft	Techno	ology Lic	ensing,
	LLC, On	e Micros	oft Way, Red	mond, W	ashing	ton 980	052 (ASS	IGNEE'S
	LEGAL	REPRESEN	VTATIVES),	to insert	here	in pa	renthese:	s (filed
	on	····	and g	iven Appl	ication	No		by
	the follo	wing Off	ice <u>US - Uni</u> t	ed States	Patent	and Tr	<u>ademark</u>	Office)
	this API	PLICATIO	N's Applicat	ion No.,	filing o	iate, a	nd Office	, when
	known;							
	was file	d on		and was	given A	\pplica	tion	
	No		by the	following	Office			
	<i>i</i>			#,				

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	
de includativos versidad de la cinada contrata de la contrata del contrata de la contrata de la contrata del contrata de la contrata del contrata de la contrata de la contrata de la contrata del contrata de la contrata del contrata de la contrata de la contrata de la contrata de la contrata del contrata de la contrata de la contrata de la contrata de la contrata del contrata del contrata de la contrata de la	ž.		
	i i i i i i i i i i i i i i i i i i i		

Jugar Japa	2/14/21
Inventor's Signature	Date
Gagan GUPTA	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 409222-US-NP

I Soheil EBADIAN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ENABLING PERIPHERAL DEVICE MESSAGING VIA APPLICATION PORTALS IN PROCESSOR-BASED DEVICES" ("APPLICATION"), 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
onand given Application Noby
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
"

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	

·		
•	1	í .
•		í
t · · · · · · · · · · · · · · · · · · ·	§ .	!
1	•	t l
•	,	(

Schill	2/16/2)
Inventor's Signature	Date
Soheil EBADIAN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I Thomas Philip SPEIER ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ENABLING PERIPHERAL DEVICE MESSAGING VIA APPLICATION PORTALS IN PROCESSOR-BASED DEVICES" ("APPLICATION"), which:

\boxtimes	will be	e filed.	ASSIGNOR	hereby	authorize	s, and	reque	sts,
	ASSIGN	EE'S legal	representat	ive, Micr	osoft Tech	ınology	Licensi	ng,
	LLC, Or	ie Microso	ft Way, Redr	nond, Wa	ishington (98052 (A	SSIGNE	E'S
	LEGAL	REPRESEN	TATIVES), to	o insert	here in	parenthe	ses (fi	iled
	on		and giv	en Appli	cation No.			by
	the follo	owing Offi	ce <u>US – Unite</u>	<u>d States</u>	Patent and	Tradem.	ark Offi	<u>ice</u>)
	this AP	PLICATION	l's Application	on No., f	iling date,	and Of	ice, w	nen
	known;							
	was file	d on	<i>∂</i>	ınd was g	given Appli	cation		
	No		by the fo	ollowing	Office			
	···			37 <u>.</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"));

Application No.	Filing Date	Office	

·		
(1	í .
(í
t	§ .	!
1	•	t l
	,	(

Smiller	2/16/2021
Inventor's Signature	Date
Thomas Philip SPEIER	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I Derek CHIOU ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ENABLING PERIPHERAL DEVICE MESSAGING VIA APPLICATION PORTALS IN PROCESSOR-BASED DEVICES" ("APPLICATION"), which:

X	will b	e file	ed.	ASSIGNO	R he	reby	autho	orizes,	and	requ	uests,
	ASSIGN	IEE'S	legal	represen ⁻	tative	, Micr	osoft	Techn	ology	Licer	nsing,
	LLC, O	ne Mi	crosof	t Way, Re	dmor	ıd, Wa	ashing	ton 98	052 (A	ASSIG	NEE'S
	LEGAL	REPR	ESENT	ΓΑΤΙVES),	to i	nsert	here	in pa	arenth	eses	(filed
	on			and	given	Appli	cation	No			by
	the foll	owing	g Offic	e <u>US – Un</u>	ited S	tates	Patent	and T	<u>radem</u>	ark C	Office)
	this AF	PLICA	NOITA	's Applica	ation	No., 1	filing	date, a	ınd Of	fice,	when
	known	,									
	was file	ed on			_ and	was g	given /	Applica	ation		
	No			by the	e follo	wing	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	

	1	
	1	l e e e e e e e e e e e e e e e e e e e
		!
	1	I and the second
	1	i

Inventor's Signature	2/25/2021 Date
Derek CHIOU	
Printed Name in English	Printed Name in Native Language
	(if other than English)