### 506187913 08/04/2020

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6234652

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARGARIT CHENCHEV	03/30/2020
GRAHAM WONG	04/30/2020
HARISH SRINIVASAN	10/14/2019
BENJAMIN M. SHULTZ	02/04/2020
HARI PULAPAKA	06/10/2020
ARUP ROY	07/24/2020
GOPIKRISHNA KANNAN	08/04/2020

#### **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16601483

#### **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.

**Phone:** 4255389035

Email: usdocket@microsoft.com
Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	407389-US-NP
NAME OF SUBMITTER:	CHERYL CAMPBELL
SIGNATURE:	/Cheryl Campbell/
DATE SIGNED:	08/04/2020

PATENT REEL: 053400 FRAME: 0788

Total Attachments: 15
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PATENT REEL: 053400 FRAME: 0789 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

Page 1 of 2

PLEASE WRITE YOUR NAME EXAC	TLY AS "Printed Name" SHOWN BELOW
0AST	3/30/2020
Inventor's Signature	Date
Margarit CHENCHEV	
Printed Name in English	Printed Name in Native Language
	(if other than English)

## **Privacy Act Statement**

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the
  Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from
  this system of records may be disclosed to the Department of Justice to determine whether
  disclosure of these records is required by the Freedom of Information Act.
- A record from this system of records may be disclosed, as a routine use, in the course of
  presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to
  opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal
  agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to
  the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

# PATENT ASSIGNMENT

MS Docket No.: 407389-

US-NP				
of subject ma	atter ("INVENTION")		claimed in a pa	an original joint inventor atent application entitled hich:
	will be filed.	ASSIGNOR hereb	y authorizes	, and requests,
	ASSIGNEE'S legal	representative, M	icrosoft Tech	nology Licensing,
	LLC, One Microso	ft Way, Redmond,	Washington 9	8052 (ASSIGNEE'S
		TATIVES), to insert		
	October 14, 2019	and given Applic	ation No	by the following
		Ī		
	Application No., f	iling date, and Off	ice, when kno	wn;
	was filed on Octo	<u>ber 14, 2019</u> and <sup>1</sup>	was given App	olication
	No <u>16/601,483</u>	b	the following	) Office
	W.	<b>36.</b>		
priority, in the derived them United State  ASSICT to insert the	he INVENTION and efrom, such as co s, its territories, ar iNOR hereby author Application No.,	the APPLICATION ntinuing application all foreign coun orizes, and request	(and all other ons, in whole of tries ("APPLICA s, ASSIGNEE'S Office into the	at, including the right of applications and patents or in part, in and for the ATION DERIVATIVES"));  LEGAL REPRESENTATIVES following table for any
Application		Filing Date	Off	ice
Application	I NO.	1 ming Date		
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MS Docket No.: 407389-

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"));

PLEASE WRITE YOUR NAME EXACTLY AS	"Printed Name" SHOWN BELOW
PLEASE WRITE TOUR NAME EXACTED AS	4/30/2020
Inventor's Signature	Date
Graham WONG	
Printed Name in English	Printed Name in Native Language (if other than English)

	ISSICIVILIVI	1/15 DOCKET 110 <u>407307-</u>
<u>US-NP</u>		
I Harish SRINIVASAN ("As inventor of subject matter (' application entitled " <u>VIRTUALIZE</u>	'INVENTION") disclosed a	•
ASSIGNEE'S legal LLC, One Microsof LEGAL REPRESENT <u>October 14, 2019</u> Office	ASSIGNOR hereby authorepresentative, Microsoft tway, Redmond, Washing ATIVES), to insert here in and given Application No	Technology Licensing, ton 98052 (ASSIGNEE'S parentheses (filed on by the following this APPLICATION's
No <u>16/601,483</u>	o <u>er 14, 2019</u> and was giver B by the follo 	
behalf of itself and its successor of acquiring, the entire and ex priority, in the INVENTION and to derived therefrom, such as con United States, its territories, and	s and assigns ("ASSIGNEE") clusive rights, title and in the APPLICATION (and all c tinuing applications, in wh d all foreign countries ("AP	iterest, including the right of other applications and patents nole or in part, in and for the PLICATION DERIVATIVES"));
to insert the Application No., 1 APPLICATION DERIVATIVES after	iling date, and Office into	EE'S LEGAL REPRESENTATIVES  o the following table for any
Application No.	Filing Date	Office

## 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).

LEASE WRITE YOUR NAME EXACTLY /	AS "Printed Name" SHOWN BELOW
Hanish Sninivas Inventor's Signature	San 10/14/2019
Harish SRINIVASAN	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 407389-

Filing Date

Application No.

Page 1 of 2

Office

LEASE WRITE TOOK NAME EXACT	LY AS "Printed Name" SHOWN BELOW
2-44 <u>.</u>	2/4/2020
Inventor's Signature	Date
Benjamin M. SCHULTZ	
Printed Name in English	Printed Name in Native Language
	(if other than English)

THE		1015 B 0 CRC 1 (0.: 1075 05)
<u>US-NP</u>	_	
I Hari PULAPAKA ("ASSIC inventor of subject matter (" application entitled " <u>VIRTUALIZE</u>	INVENTION") disclosed a	·
ASSIGNEE'S legal r LLC, One Microsoft LEGAL REPRESENTA October 14, 2019 Office	ASSIGNOR hereby authorepresentative, Microsoft Way, Redmond, Washing ATIVES), to insert here in and given Application No	Technology Licensing, ton 98052 (ASSIGNEE'S parentheses (filed on by the following this APPLICATION's
	er 14, 2019 and was giver by the follo ";	
Microsoft Technology Lice behalf of itself and its successors of acquiring, the entire and exc priority, in the INVENTION and the derived therefrom, such as cont United States, its territories, and	s and assigns ("ASSIGNEE") clusive rights, title and in he APPLICATION (and all c cinuing applications, in wh	iterest, including the right o other applications and patents nole or in part, in and for the
ASSIGNOR hereby authori	zes, and requests, ASSIGN	EE'S LEGAL REPRESENTATIVES
to insert the Application No., f		o the following table for any
APPLICATION DERIVATIVES after		0.00
Application No.	Filing Date	Office

Page 1 of 2

NF	
PLEASE WRITE YOUR NAME EXACTLY AS	"Printed Name" SHOWN BELOW
	Laure Disonie BEEOM
	6-10-2020
Improved St. Fi	
Inventor's Signature	Date
11 tours	
Hari PULAPAKA	
Printed Name in English	
contea name in chyllan	Printed Name in Native Language
	(if other than For the
	(if other than English)

	17111111		1115 DOCKET 110 <u>407565-</u>
US-NP		_	
subject matt	er ("INVENTION") di	•	or an original joint inventor of a patent application entitled N"), which:
	ASSIGNEE'S legal in LLC, One Microsoft LEGAL REPRESENTA October 14, 2019 Office	ASSIGNOR hereby authorepresentative, Microsoft Way, Redmond, Washing ATIVES), to insert here in and given Application Notice, when	Technology Licensing, pton 98052 (ASSIGNEE'S parentheses (filed on parentheses) by the following this APPLICATION's
		er 14, 2019 and was give by the foll ";	
behalf of itse of acquiring priority, in the derived there	elf and its successors, the entire and exc he INVENTION and t efrom, such as cont	s and assigns ("ASSIGNEE"; clusive rights, title and in he APPLICATION (and all o cinuing applications, in w	n limited liability company, or ), 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"));
ASSIG	NOR hereby authori	zes, and requests, ASSIGN	NEE'S LEGAL REPRESENTATIVES
	e Application No., f N DERIVATIVES after		o the following table for any
Application		Filing Date	Office

Page 1 of 2

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).

EASE WRITE YOUR NAME EXACTI	LY AS "Printed Name" SHOWN BELOW
Arup ROY	07/24/20
Inventor's Signature	Date
Arup ROY	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 407389-

	ABSIGIVILIVI	1VIS DOCKET 110 <u>407307</u>	
<u>US-NP</u>	<u></u>		
I Gopikrishna KANNAN	("ASSIGNOR") am the origi	nal inventor or an original join	
inventor of subject matter			
application entitled "VIRTUALIZ	ED BACKGROUND ACTIVA	TIONS" ("APPLICATION"), which	
$\square$ will be filed.	ASSIGNOR hereby aut	horizes, and requests.	
	will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing,		
<u>-</u>	oft Way, Redmond, Washin	<u> </u>	
	TATIVES), to insert here		
	9 and given Application N	•	
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	filing date, and Office, wh		
Application No.,	ining date, and Office, wir	en known,	
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	by the fo	llowing Office	
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behalf of itself and its successor of acquiring, the entire and e priority, in the INVENTION and	ors and assigns ("ASSIGNEE xclusive rights, title and the APPLICATION (and all ntinuing applications, in v	on limited liability company, or it is entitled to, and is desirous interest, including the right or other applications and patents whole or in part, in and for the APPLICATION DERIVATIVES"));	
ASSIGNOR hereby author	rizes, and requests, ASSIC	NEE'S LEGAL REPRESENTATIVES	
•	•	nto the following table for any	
APPLICATION DERIVATIVES after			
Application No.	Filing Date	Office	

## PATENT ASSIGNMENT

MS Docket No.: 407389-

US NP

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PLEASE WRITE YOUR NAI	ME EXACTLY AS "Printe	ed Name" SHOWN BELOY	N
CONFIRK SHIVE		[8]04320	Qu.
Inventor's Signature	Di	ite '	
Copikrishna KANNAN			
Printed Name in English	n Pr	inted Name in Native La	nguage
		other than English)	

PATENT REEL: 053400 FRAME: 0804

RECORDED: 08/04/2020

Page 2 of 2