505753948 11/01/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VISHAL TANEJA	10/01/2019
ABHISHEK SHUKLA	07/15/2019
PARAG SHARMA	08/26/2019
XINYAN ZAN	08/26/2019
KAIHUA XU	09/01/2019

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:	16664552

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.

Email: mspatent@rqn.com, usdocket@microsoft.com
Correspondent Name: RAY QUINNEY & NEBEKER - MICROSOFT

Address Line 1: 36 SOUTH STATE STREET

Address Line 2: SUITE 1400

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	407040-US-NP
NAME OF SUBMITTER:	THOMAS M. HARDMAN
SIGNATURE:	/Thomas M. Hardman/
DATE SIGNED:	11/01/2019

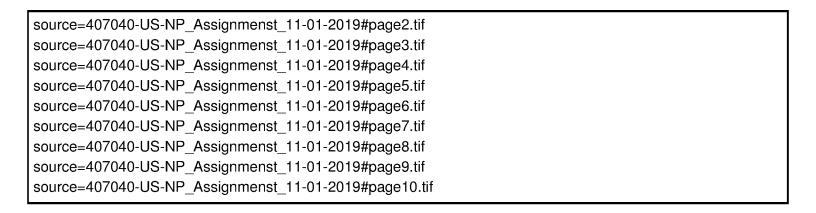
Total Attachments: 10

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PATENT REEL: 050892 FRAME: 0491

EPAS ID: PAT5800761

505753948



PATENT REEL: 050892 FRAME: 0492

I <u>Vishal TANEJA (</u> "ASSIGNOR") am the original inventor or an original joint
inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled "SUPPORT OF VIRTUAL NETWORK AND NON-VIRTUAL NETWORK
CONNECTIVITY ON THE SAME VIRTUAL MACHINE" ("APPLICATION"), which:
\square 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 and given Application
No by the following
Office) this APPLICATION's

was filed on July 15, 2019 and was given Application

No. 62/874,190 by the following Office "US – United States Patent and Trademark Office";

Application No., filing date, and Office, when known;

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	
16/664,552	October 25, 2019	USPTO	

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).

V.A.T.	10/01/2019
Inventor's Signature	Date
Vishal TANEJA	
Printed Name in English	Printed Name in Native Language
	(if other than English)

inventor of subject matte	r ("INVENTION") disclose ORT OF VIRTUAL NETWOR	ginal inventor or an original join ed and/or claimed in a paten IK AND NON-VIRTUAL NETWORK PPLICATION"), which:
ASSIGNEE'S le LLC, One Micr LEGAL REPRE on No Office	gal representative, Micro osoft Way, Redmond, Was SENTATIVES), to insert h and by	uthorizes, and requests, soft Technology Licensing, hington 98052 (ASSIGNEE'S nere in parentheses (filed given Application the following) this APPLICATION's when known;
		n Application " <u>US - United States Patent</u>
behalf of itself and its sudesirous of acquiring, the right of priority, in the INVE patents derived therefrom,	ccessors and assigns ("A entire and exclusive right NTION and the APPLICATI such as continuing applic	igton limited liability company, or ASSIGNEE"), is entitled to, and is s, title and interest, including the ON (and all other applications and ations, in whole or in part, in and foreign countries ("APPLICATION
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Application No.	Filing Date	Office
16/664,552	October 25, 2019	USPTO

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Mukha 7/15/2019
Inventor's Signature Date

Abhishek SHUKLA अग्रियेक १५म

Printed Name in English Printed Name in Native Language

(if other than English)

PATENT ASSIGNMENT		MS Docket No.: <u>40/040-US-PSP</u>
inventor of subject matte	er ("INVENTION") disclose ORT OF VIRTUAL NETWOR	al inventor or an original joint d and/or claimed in a patent <u>K AND NON-VIRTUAL NETWORK</u> PLICATION"), which:
ASSIGNEE'S le LLC, One Micr LEGAL REPRE on No Office	gal representative, Micros osoft Way, Redmond, Wash SENTATIVES), to insert h and by	uthorizes, and requests, oft Technology Licensing, sington 98052 (ASSIGNEE'S ere in parentheses (filed given Application the following) this APPLICATION's when known;
	<u>uly 15, 2019</u> and was given <u>90</u> by the following Office <u>k Office</u> ";	
behalf of itself and its sudesirous of acquiring, the right of priority, in the INVE patents derived therefrom,	iccessors and assigns ("A entire and exclusive rights NTION and the APPLICATIO such as continuing applica	gton limited liability company, on SSIGNEE"), is entitled to, and is, title and interest, including the DN (and all other applications and ations, in whole or in part, in and preign countries ("APPLICATION
······································	rt the Application No., f	equests, ASSIGNEE'S LEGAL illing date, and Office into the tree trees are known;
Application No.	Filing Date	Office
16/664,552	October 25, 2019	USPTO
	:	1

PATENT ASSIGNMENT	M	S Docket No.: <u>407040-US-PS</u>

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).

Tarag Shans	08/26/2019
Inventor's Signature	Date /
Parag SHARMA	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

l <u>Xinyan</u>	<u>LZAN</u> ("ASSIGNOR")) am the orig	ginal inve	ntor or an	original jo	int inventor
of subject ma	atter ("INVENTION"	') disclosed	and/or (claimed in	a patent	application
entitled " <u>SUPP(</u>	<u>ORT OF VIRTUAL N</u>	ETWORK ANI	V~NON C	RTUAL NET	WORK CO	<u>NNECTIVITY</u>
ON THE SAME	<u>VIRTUAL MACHINE</u>	" ("APPLICAT	ION"), wh	ich:		

will be filed. ASSIGNOR I	nereby	authorizes,	and requests,
ASSIGNEE'S legal representativ	e, Micro	osoft Techni	ology Licensing,
LLC, One Microsoft Way, Redmi	ond, Wa:	shington 98	052 (ASSIGNEE'S
LEGAL REPRESENTATIVES), to	insert	here in pa	rentheses (filed
on	and	given	Application
No	by	the	following
Office		this	APPLICATION'S
Application No., filing date, and	d Office,	when know	n;

was filed on July 15, 2019 and was given Application

No. 62/874,190 by the following Office "US - United States Patent

and Trademark Office":

Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")):

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office	
16/664,552	October 25, 2019	USPTO	

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タクタング S/26/25/パ
Inventor's Signature Date

Xinyan ZAN

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

MS Docket No.: 407040-US-PSP

I <u>Kaihua XU</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SUPPORT OF VIRTUAL NETWORK AND NON-VIRTUAL NETWORK CONNECTIVITY ON THE SAME VIRTUAL MACHINE" ("APPLICATION"), which:

will b	e filed.	ASSIGNOR	hereby	author	izes,	and	requests	•
ASSIGN	IEE'S lega	ıl representai	tive, Micr	osoft T	echno	ology	Licensing	š
LLC, O	ne Micros	oft Way, Redi	mond, Wa	ashingto	on 98()52 (A	SSIGNEE'	>
LEGAL	REPRESE	NTATIVES), t	o insert	here i	n pai	renthe	ses (filed	3
on			and	g	iven	Α	pplicatio	į
No.	*********		by		the		following	3
Office	***************************************				this	APPL	CATION'	š
Applica	ation No.,	filing date, a	nd Office	, when	knowi	1;		

was filed on July 15, 2019 and was given Application

No. 62/874,190 by the following Office "US - United States Patent and Trademark Office";

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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
16/664,552	October 25, 2019	USPTO

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MS Docket No.: 407040-US-PSP

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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- Lua	Sep. 1 2019	
Inventor's Signature	Date	······
Kaihua XU		4
Printed Name in English	Printed Name in Native Lang	juage
	(if other than English)	