505630793 08/20/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5677599

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAMANAN VELLORE RAMESH	08/15/2019
XIAODONG WANG	08/20/2019
CHUNG HEONG GOOI	08/15/2019
JOAO CANGUSSU	08/15/2019

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:	16444213

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: usdocket@microsoft.com

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER P.A.

Address Line 1: PO BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0938

ATTORNEY DOCKET NUMBER:	406673-US-NP 1777.D19US1
NAME OF SUBMITTER:	JACQUELINE PENNINGTON
SIGNATURE:	/ Jacqueline Pennington /
DATE SIGNED:	08/20/2019

Total Attachments: 9

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PATENT REEL: 050106 FRAME: 0502

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 406673-US-NP (1777.D19US1) Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Microsoft Technology Licensing, LLC Ramanan Vellore Ramesh, Xiaodong Wang, Chung Street Address: One Microsoft Wav Heong Gooi, Joao Cangussu Additional name(s) of conveying party(ies) attached? City: Redmond State: WA Zip: 98052 []Yes [X]No Country: United States of America 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: August 15, 2019, August 20, 2019, August 15, 2019, August 15, 2019 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No. 16/444,213 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$ 0.00 Name: Thierry Lo []Enclosed Authorized to be charged to deposit account Address: 19-0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 8. Please charge any additional fees or credit any over Minneapolis, Minnesota 55402 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. /Thierry Lo/ 8/20/2019 Thierry Lo/Reg. No. 49,097 Date Name of Person Signing Signature Total number of pages including cover sheet: 9 Mail documents to be recorded with required cover sheet information to:

Mail documents to be recorded with required cover sheet information to Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT REEL: 050106 FRAME: 0503

	r ("INVENTION") d	on the original inventor or an original lisclosed and/or claimed in a pater TION SYSTEM*, which:
ASSIGNEE'S legal is LLC, One Microsoft LEGAL REPRESENT on the following O	epresentative, Mir Way, Redmond, V ATIVES), to inser and given App ffice	y authorizes, and requests, crosoft Technology Licensing, Washington 98052 (ASSIGNEE'S of here in parentheses (filed plication No
was filed on <u>lune 1</u> 16/444,213 by the		
behalf of itself and its successore of acquiring, the entire and expriority, in the INVENTION and the derived therefrom, such as contacts.	s and assigns ("ASS clusive rights, title he APPLICATION (a tinuing application	shington limited hability company, of GNEE"), is entitled to, and is desirouse and interest, including the right of and all other applications and patents, in whole or in part, in and for threes ("APPLICATION DERIVATIVES"));
	iling date, and Of	, ASSIGNEE'S LEGAL REPRESENTATIVE flice into the following table for an
Application No.	Filing Date	Office
		

Page 1 of 2

MS Docket No.: 406673-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).

V· R· Romanos Inventor s Signature	08/15/2019
Inventor's Signature	Date
Ramanan Vellore Ramesh Printed Name in English	Printed Name in Native Language (if other than English)

inventor of	subject matter	("INVENTION") dis	original inventor or closed and/or clai CTION SYSTEM", whi	med in a patent
	ASSIGNEE'S legal LLC, One Microso LEGAL REPRESEN on the following (representative, Nort Way, Redmond, ITATIVES), to instance and given Apportunity	by authorizes, and licrosoft Technolog Washington 98052 ert here in parent eplication No.	y Licensing, (ASSIGNEE'S heses (filedby) this
			given Application N "US Patent Office";	ło
behalf of itse of acquiring, priority, in the derived there	olf and its successo , the entire and e ne INVENTION and efrom, such as co	rs and assigns ("Asxclusive rights, tit the APPLICATION ntinuing application	ashington limited lia SIGNEE"), is entitled le and interest, incl (and all other applic ins, in whole or in p tries ("APPLICATION	to, and is desirous uding the right of ations and patents part, in and for the
to insert the		filing date, and C	s, ASSIGNEE'S LEGAL Office into the follow	
Application	No	Filing Date	Office	

MS Docket No.: 406673-US-NP

MS Docket No.: 406673-US-NP

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Xjazdons WANG	2019/08/20
Inventor's Signature	Date
Xiaodong Wang	主晓东
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

MS Docket No.: 406673-US-NP

I Chung Heong Gooi ("As inventor of subject matter (" application entitled " <u>OUT OF OF</u>	INVENTION") disclosed a	
ASSIGNEE'S legal : LLC, One Microsofi LEGAL REPRESENT on	ASSIGNOR hereby authorepresentative, Microsoft of Way, Redmond, Washingto (ATIVES), to insert here and given Application of the management	Technology Licensing, on 98052 (ASSIGNEE'S in parentheses (filed Noby
	olication No., filing date, ar	
	8, 2019 and was given Ap following Office " <u>US Pater</u>	
Microsoft Technology Lic behalf of itself and its successor of acquiring, the entire and ex- priority, in the INVENTION and t derived therefrom, such as con- United States, its territories, and	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o tinuing applications, in wh	terest, including the right of ther applications and patents role or in part, in and for the
ASSIGNOR hereby authori	zes, and requests, ASSIGN	EE'S LEGAL REPRESENTATIVES
to insert the Application No., f APPLICATION DERIVATIVES after	-	the following table for any
Application No.	Filing Date	Office
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Page 1 of 2

PATENT ASSIGNMENT

MS Docket No.: 406673-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).

1.4	
	8/15/2019
โกษยกเฉาร์ Signature	Date
Chung Heong Gool	
Printed Name in English	Printed Name in Native Language
_	(if other than English)
	des metace deserts mitiblesses

I Joao Cangussu ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "OUT OF OFFICE EMAIL DETECTION SYSTEM", 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 and given Application No by
	the following Office
	APPLICATION's Application No., filing date, and Office, when known
\boxtimes	was filed on <u>June 18, 2019</u> and was given Application No
	16/444,213 by the following Office "US Patent 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"));

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).

Joao Cangussu

Printed Name in English

Printed Name in Native Language

(if other than English)