PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6056013

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHOUFU LUO	04/01/2020
YI-WEI LIN	04/02/2020
SAMRIDH SALUJA	04/03/2020
RUI HAN	04/03/2020

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:	16836105

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: wendy@parklegal.com DANIEL E. VAUGHAN **Correspondent Name:**

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Address Line 2: 2820 FIFTH STREET

Address Line 4: DAVIS, CALIFORNIA 95618

ATTORNEY DOCKET NUMBER:	LI-902637-US-NP
NAME OF SUBMITTER:	DANIEL E. VAUGHAN
SIGNATURE:	/Daniel E. Vaughan/
DATE SIGNED:	04/10/2020

Total Attachments: 8

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PATENT REEL: 052365 FRAME: 0248 506009303

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PATENT REEL: 052365 FRAME: 0249

PATENT ASSIGNMENT MS Docket No.: LI-902637-US-NP I Shoufu Luo ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DISTRIBUTION-BASED DETECTION OF ABUSIVE REQUESTS" ("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 and given Application No. by the following Office " U.S. Patent and Trademark Office " this APPLICATION's Application No., filing date, and Office, when known; was filed on 31 March 2020 and was given Application No. <u>16/836,1</u>05 by the following Office "_U.S. 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

Page 1 of 2

MS Docket No.: LI-902637-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).

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Inventor's Signature	Date 片字字	
Shoufu Luo	为后、甘、新	
Printed Name in English	Printed Name in Native Language	

(if other than English)

PATENT ASSIGNMENT MS Docket No.: LI-902637-US-NP I_Yi-Wei Lin___("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DISTRIBUTION-BASED DETECTION OF ABUSIVE REQUESTS" ("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 and given Application No. by the following Office " U.S. Patent and Trademark Office this APPLICATION's Application No., filing date, and Office, when known; was filed on 31 March 2020 and was given Application No. 16/836,105 by the following Office "U.S. 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"));

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Application No.	Filing Date	Office	

MS Docket No.: LI-902637-US-NP

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y-W.2:	4/2/2020
Inventor's Signature	Date
Yi–Wei Lin	术箱信
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT	MS I	Docket No.: <u>LI-902637-US-NP</u>	
I <u>Samridh Saluja</u> ("AS inventor of subject matter ("INV entitled " <u>DISTRIBUTION–BASED [</u>	ENTION") disclosed and/or	l inventor or an original joint claimed in a patent application QUESTS" ("APPLICATION"), which:	
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT onby the following C	GNOR hereby authorizes, a representative, Microsoft T ft Way, Redmond, Washing ATIVES), to insert here in p and given Applicatio Office "U.S. Patent and T 's Application No., filing d	echnology Licensing, gton 98052 (ASSIGNEE'S parentheses (filed on No rademark Office"	
was filed on 31 March 2020 and was given Application No. 16/836,105 by the following Office "U.S. Patent and Trademark Office";			
Microsoft Technology Lic behalf of itself and its successor of acquiring, the entire and ex priority, in the INVENTION and derived therefrom, such as cor United States, its territories, and	rs and assigns ("ASSIGNEE" (clusive rights, title and in the APPLICATION (and all o otinuing applications, in w	nterest, including the right of other applications and patents hole or in part, in and for the	
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PATENT ASSIGNMENT

MS Docket No.: <u>LI-902637-US-NP</u>

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avide	04/03/2020	
Inventor's Signature	Date	
Samridh Saluja		
Printed Name in English	Printed Name in Native Language (if other than English)	

PATENT ASSIGNMENT	MS I	Docket No.: <u>LI-902637-US-NP</u>	
I <u>Rui Han (</u> "ASSIGNOR") a subject matter ("INVENTION") d " <u>DISTRIBUTION–BASED DETECT</u> I	isclosed and/or claimed in		
ASSIGNEE'S legal in LLC, One Microson LEGAL REPRESENT on by the following Control this APPLICATION	GNOR hereby authorizes, a representative, Microsoft T ft Way, Redmond, Washing ATIVES), to insert here in p and given Applicatio Office "U.S. Patent and T 's Application No., filing d	echnology Licensing, ston 98052 (ASSIGNEE'S parentheses (filed n No rademark Office"	
known; was filed on <u>31</u> 16/836,105 and Trademark O		s given Application No. Office " <u>U.S. Patent</u>	
Microsoft Technology Lic behalf of itself and its successor of acquiring, the entire and ex priority, in the INVENTION and derived therefrom, such as cor United States, its territories, an	rs and assigns ("ASSIGNEE" «clusive rights, title and in the APPLICATION (and all atinuing applications, in w	nterest, including the right of other applications and patents hole or in part, in and for the	
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Rui, Hun	4/03/2020	
Inventor's Signature	Date	
Rui Han	车绝	
Printed Name in English	Printed Name in Native Language	
	(if other than English)	