504776300 02/13/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4823029

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARVELL KA YIU LI	02/12/2018
SHARON HANG LI	02/09/2018
YIMENG LI	02/09/2018
DHALIWAL MANINDERJIT SINGH	02/08/2018

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:	15893422

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:** MICROSOFT TECHNOLOGY Address Line 1: ONE MICROSOFT WAY

Address Line 4: **REDMOND, WASHINGTON 98052**

ATTORNEY DOCKET NUMBER: 403781-US-NP DANIELLE K. MORROW NAME OF SUBMITTER: SIGNATURE: /Danielle K. Morrow/ **DATE SIGNED:** 02/13/2018

Total Attachments: 8

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> REEL: 044914 FRAME: 0946 504776300

PATENT



PATENT REEL: 044914 FRAME: 0947

- I <u>Karvell Ka Yiu LI</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MINING DATA FOR GENERATING CONSUMABLE COLLABORATION EVENTS" ("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 on February 09, 2018 and given Application No. 15/893,422 by the following Office US United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known:

was filed on _____ and was given Application No by the following Office <u>US - United States Patent and Trademark</u> 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

(accessed			
Contraction of			

Page 1 of 2

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).

Handle H. M. L.	2-0-18
Inventor's Signature	Date
Karvell Ka Yiu LI	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>403781-US-NP</u>

I <u>Sharon Hang LI</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MINING DATA FOR GENERATING CONSUMABLE COLLABORATION EVENTS" ("APPLICATION"), which:

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MS Docket No.: 403781-US-NP

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MM/) Inventor's Signature	02/09/2018 Date
Sharon Hang LI Printed Name in English	Printed Name in Native Language (if other than English)

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of subject m	atter ("INVENTION" ING DATA FOR GE) disclosed and/or cla	intor or an original joint inventor imed in a patent application SLE COLLABORATION EVENTS"
	ASSIGNEE'S legal LLC., One Microso LEGAL REPRESEN on <u>February 09, 20</u> the following Office	representative, Micro oft Way, Redmond, Wa TATIVES), to insert 18and given Applic ce <u>US – United States P</u>	authorizes, and requests, asoft Technology Licensing, shington 98052 (ASSIGNEE'S here in parentheses (filed ation No. 15/893,422 by latent and Trademark Office) ling date, and Office, when
			s given Application No es Patent and Trademark
behalf of itse of acquiring, priority, in th derived there	If and its successo the entire and ex ie INVENTION and Ifrom, such as cor	rs and assigns ("ASSIG cclusive rights, title a the APPLICATION (and ntinuing applications,	ngton limited liability company, on NEE"), is entitled to, and is desirous nd interest, including the right of lall other applications and patents in whole or in part, in and for the ("APPLICATION DERIVATIVES"));
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Page 1 of 2

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Umreng2-	2/9/ 2018
Inventor's Signature	Date
Yimeng LI	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Dhaliwal Maninderjit SINGH</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MINING DATA FOR GENERATING CONSUMABLE COLLABORATION EVENTS" ("APPLICATION"), which:

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ASSIGNEE'S legal re	presentative, Mic	rosoft Techno	logy Licensing,	
LLC., One Microsoft	Way, Redmond, W	ashington 980	152 (ASSIGNEE'S	
LEGAL REPRESENTA				
on February 09, 2018	and given Appl	ication No. $\frac{15}{2}$	^{(893,422} by	
the following Office	US - United States	Patent and Tra	ademark Office)	
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Date

Dhaliwal Maninderjit SINGH

Printed Name in English

Printed Name in Native Language (if other than English)