504886318 04/25/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4933059

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DIVYA JETLEY	04/23/2018
HONG HONG	04/25/2018
XIAOJIANG HUANG	04/23/2018
XIAOCHENG DENG	04/23/2018
YU GU	04/23/2018

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:	15963029

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: NEWPORT IP, LLC

Address Line 1:1400 112TH AVE SE, SUITE 100Address Line 4:BELLEVUE, WASHINGTON 98004

ATTORNEY DOCKET NUMBER:	MS1-9156US4
NAME OF SUBMITTER:	PAOLA SEVERICH
SIGNATURE:	/Paola Severich/
DATE SIGNED:	04/25/2018

Total Attachments: 10

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> PATENT REEL: 045637 FRAME: 0945

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PATENT REEL: 045637 FRAME: 0946

Client Docket No.: 403801-NP-US
Attorney Docket No.: MS1-9156US4

I <u>Divya JETLEY</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATING AN ACRONYM INDEX BY MINING A COLLECTION OF DOCUMENT ARTIFACTS" ("APPLICATION"), which:

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							Tradem		fice";	

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	
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Page 1 of 2

Client Docket No.: 403801-NP-US

Attorney Docket No.: MSI-9156US4

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).

Suf	4/23/2018
Inventor's Signature	Date
Divya JETLEY	DIVYA JETLEY.
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: 403801-NP-US
Attorney Docket No.: MS1-9156US4

I <u>Hong HONG</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATING AN ACRONYM INDEX BY MINING A COLLECTION OF DOCUMENT ARTIFACTS" ("APPLICATION"), which:

oxtimes 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 <u>US – United States</u>
Patent and Trademark Office) this APPLICATION's Application No.,
filing date, and Office, when known;
\square was filed on $__$ and was given Application No $_$ by the
following Office " <u>US – United States Patent and Trademark Office</u> ";

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Client Docket No.: 403801-NP-US
Attorney Docket No.: MS1-9156US4

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Client Docket No.: 403801-NP-US Attorney Docket No.: MS1-9156US4

I <u>Xiaojiang HUANG</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATING AN ACRONYM INDEX BY MINING A COLLECTION OF DOCUMENT ARTIFACTS" ("APPLICATION"), which:

🛛 will be filed. ASSIGNOR hereby	authorizes, and requests,
ASSIGNEE'S legal representative, Micro	
LLC., One Microsoft Way, Redm	ond, Washington 98052
(ASSIGNEE'S LEGAL REPRESENTATIV	ES), to insert here in
parentheses (filed on	and given Application
No by the following	Office <u>US - United States</u>
<u>Patent and Trademark Office</u>) this APPI	LICATION's Application No.,
filing date, and Office, when known;	
	
\square was filed on $__$ and was given Appl	ication No _ by the
following Office " <u>US - United States Pate</u>	ent and Trademark Office";

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Page 1 of 2

PATENT REEL: 045637 FRAME: 0951

Client Docket No.: 403801-NP-US
Attorney Docket No.: MS1-9156US4

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Xinning Huary	04/23/2018
Inventor's Signature	Date
Xiaojiang HUANG	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Client Docket No.: 403801-NP-US
Attorney Docket No.: MS1-9156US4

I <u>Xiaocheng DENG</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATING AN ACRONYM INDEX BY MINING A COLLECTION OF DOCUMENT ARTIFACTS" ("APPLICATION"), which:

☑ will be f	iled. ASSI	GNOR here	by authori:	zes, and	requests,
ASSIGNEE'S le					
LLC., One	Microsoft	Way, Rec	lmond, W	/ashington	ı 98052
(ASSIGNEE'S	LEGAL RI	EPRESENTAT	IVES), to	insert	here in
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following Offi	ce " <u>US – Uni</u>	ted States P	atent and T	<u> Trademark</u>	Office";

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Client Docket No.: 403801-NP-US Attorney Docket No.: MS1-9156US4

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フザ/23/2019
Inventor's Signature Date

Xiaocheng DENG

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

Client Docket No.: 403801-NP-US
Attorney Docket No.: MS1-9156US4

I <u>Yu GU</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATING AN ACRONYM INDEX BY MINING A COLLECTION OF DOCUMENT ARTIFACTS" ("APPLICATION"), which:

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		oft Technology Licensing,
LLC., One Micro	osoft Way, Redmor	nd, Washington 98052
(ASSIGNEE'S LEGA	AL REPRESENTATIVES), to insert here in
parentheses (filed	on	and given Application
No	$_$ by the following C	Office <u>US - United States</u>
<u>Patent and Tradem</u>	<u>nark Office</u>) this APPLIC	CATION's Application No.,
filing date, and Off	ice, when known;	
uas filed on	_ and was given Applic	ation No_by the
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Za Za	2018/04/23
Inventor's Signature	Date
Yu GU	
Printed Name in English	Printed Name in Native Language
	(if other than English)