

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7124531

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	YAO TIAN	08/28/2019
	YUJIA XIAO	08/28/2019
	EDWARD C LIN	08/28/2019
	LEI HE	08/28/2019
	HUI ZHU	08/28/2019
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:	17626629	
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
Email:	usdocket@microsoft.com	
Correspondent Name:	SCHWEGMAN LUNDBERG & WOESSNER, P.A.	
Address Line 1:	P.O. BOX 2938	
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402	
ATTORNEY DOCKET NUMBER:	407078-US-PCT/1777.D90US1	
NAME OF SUBMITTER:	TYLYN MOORE	
SIGNATURE:	/tylyn moore/	
DATE SIGNED:	01/17/2022	
Total Attachments: 11		
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RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 407078-US-PCT (1777.D90US1)

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yao Tian, Yuija Xiao, Edward Lin, Lei He, Hui Zhu

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

2. Name and address of receiving party(ies):

Name: Microsoft Technology Licensing, LLC

Street Address: One Microsoft Way

City: Redmond State: WA Zip: 98052

Country: United States of America

Additional name(s) & address(es) attached? ☐ Yes
☒ No

Execution Date: August 28, 2019, August 28, 2019,
August 28, 2019, August 28, 2019, August 28, 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. 17/626,629

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Andrew R. Peret

Address:

Schwegman Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, Minnesota 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

☐ Enclosed

☐ Authorized to be charged to deposit account
19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

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9. 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.

Andrew R. Peret/Reg. No. 41,246

Name of Person Signing

Andrew Peret

Signature

1/17/22

Date

Total number of pages including cover sheet: 11

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: 058672 FRAME: 0442

I Yao TIAN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "OPTIMIZING A KEYWORD SPOTTING SYSTEM" ("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 _____ and given Application No. _____ by the following Office _____) this APPLICATION's Application No., filing date, and Office, when known;

☐ was filed on _____ and was given Application No. _____ by the following 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).

Yao Tian 田焱

Inventor's Signature

2009.8.28

Date

Yao TIAN

Printed Name in English

田焱

Printed Name in Native Language
(if other than English)

I Yujia XIAO ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "OPTIMIZING A KEYWORD SPOTTING SYSTEM" ("APPLICATION"), which:

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<u>肖雨佳 Yujia XIAO</u>	<u>2019.8.28.</u>
Inventor's Signature	Date
<u>Yujia XIAO</u>	<u>肖雨佳</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Edward C LIN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "OPTIMIZING A KEYWORD SPOTTING SYSTEM" ("APPLICATION"), which:

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" " "

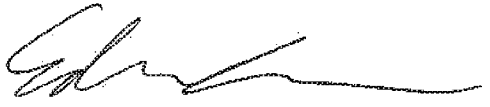
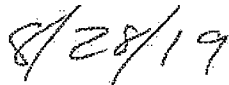
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[illegible]

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Inventor's Signature	Date
Edward C LIN	
Printed Name in English	Printed Name in Native Language (if other than English)

I Lei HE ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "OPTIMIZING A KEYWORD SPOTTING SYSTEM" ("APPLICATION"), which:

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<u>Lei He 何磊</u>	<u>2019.8.28</u>
Inventor's Signature	Date
<u>Lei HE</u>	<u>何磊</u>
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 407078-CN-NP

I Hui ZHU ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "OPTIMIZING A KEYWORD SPOTTING SYSTEM" ("APPLICATION"), which:

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<u>Hui Zhu</u> Inventor's Signature	<u>2019.8.28</u> Date
<u>Hui ZHU</u> Printed Name in English	<u>朱辉</u> Printed Name in Native Language (if other than English)