

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7056781

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BIN ZHU	04/03/2020
H Aidong ZHANG	12/23/2019
YUANYUAN TANG	07/22/2019
HE HUANG	07/16/2019
SONG GE	01/08/2020
DONGMEI ZHANG	01/07/2020
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:	17615087
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:	406875-US-PCT/1777.D56US1
NAME OF SUBMITTER:	TYLYN MOORE
SIGNATURE:	/tylyn moore/
DATE SIGNED:	12/06/2021
Total Attachments: 13	
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RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 406875-US-PCT (1777.D56US1)

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):

Bin Zhu, Haidong Zhang, Yuanyuan Tang, He Huang,
Song Ge, Dongmei ZHANG

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

Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: April 3, 2020, December 23, 2019, July 22, 2019, July 16, 2019, January 8, 2020, January 7, 2020

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

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)

Serial No. 17/615,087

B. Patent No.(s)

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

DO NOT USE THIS SPACE

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

12/6/2021

Date

Total number of pages including cover sheet: 13

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: 058304 FRAME: 0466

I Bin ZHU("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DATA EMBEDDING AND EXTRACTION IN IMAGES" ("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 June 30, 2019 and was given Application No 201910582121.4 by the following Office "State Intellectual Property Office of the People's Republic of China (RO/CN) _____";

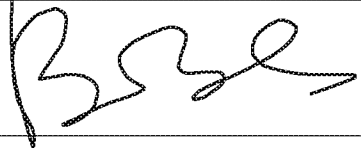
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (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

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).

	April 3, 2020
_____ Inventor's Signature	_____ Date
_____ Bin ZHU Printed Name in English	_____ 朱斌 Printed Name in Native Language (if other than English)

I Haidong ZHANG("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DATA EMBEDDING AND EXTRACTION IN IMAGES" ("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;

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	<u>Dec. 23, 2019</u>
Inventor's Signature	Date
<u>Haidong ZHANG</u>	<u>张海东</u>
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENTMS Docket No.: 406875-CN-NP

I Yuanyuan TANG("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DATA EMBEDDING AND EXTRACTION IN IMAGES." ("APPLICATION"), which:

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<u>Yuanyuan TANG</u>	<u>07.22.2019</u>
Inventor's Signature	Date
<u>Yuanyuan TANG</u>	<u>汤媛媛</u>
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENTMS Docket No.: 406875-CN-NP

I He HUANG("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DATA EMBEDDING AND EXTRACTION IN IMAGES" ("APPLICATION"), which:

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<u>He Huang</u> Inventor's Signature	<u>2019-07-16</u> Date
<u>He HUANG</u> Printed Name in English	<u>黄河</u> Printed Name in Native Language (if other than English)

I Song GE("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DATA EMBEDDING AND EXTRACTION IN IMAGES" ("APPLICATION"), which:

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<u>Song GE</u>	<u>1. 8. 2020</u>
Inventor's Signature	Date
<u>Song GE</u>	<u>戈颂</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Dongmei ZHANG("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DATA EMBEDDING AND EXTRACTION IN IMAGES" ("APPLICATION"), which:

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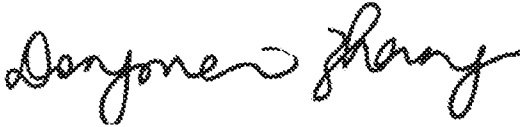
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	Jan 7, 2020
_____ Inventor's Signature	_____ Date
_____ Dongmei ZHANG	_____ 张冬梅
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)