

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7056826

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| | |
| Name | Execution Date |
| HAOXIANG LIN | 07/04/2019 |
| CHENG CHEN | 07/04/2019 |
| MAO YANG | 07/04/2019 |
| SHUGUANG LIU | 07/04/2019 |
| 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: | 17615080 |
| 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: | 406847-US-PCT/1777.D58US1 |
| NAME OF SUBMITTER: | TYLYN MOORE |
| SIGNATURE: | /tylyn moore/ |
| DATE SIGNED: | 12/06/2021 |
| Total Attachments: 9 | |
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RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 406847-US-PCT (1777.D58US1)

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):

Haoxiang Lin, Mao Yang, Shuguang Liu, Cheng Chen

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

Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: July 4, 2019, July 4, 2019, July 4, 2019,
July 4, 2019

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. 17/615,080

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

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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

12/06/2021

Date

Total number of pages including cover sheet: 9

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: 0646

I Haoxiang LIN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VISUAL PROGRAMMING FOR DEEP LEARNING" ("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 28, 2019 and was given Application No 201910578856.X by the following Office "China National Intellectual Property Administration (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"));

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;

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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).

| | |
|-------------------------|--|
| <u>Haoxiang Lin</u> | <u>2019-07-04</u> |
| Inventor's Signature | Date |
| <u>Haoxiang LIN</u> | <u>林昊翔</u> |
| Printed Name in English | Printed Name in Native Language (if other than English) |

I Cheng CHEN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VISUAL PROGRAMMING FOR DEEP LEARNING" ("APPLICATION"), which:

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|-------------------------|--|
| <u>Cheng CHEN</u> | <u>2019-07-04</u> |
| Inventor's Signature | Date |
| <u>Cheng CHEN</u> | <u>陈程</u> |
| Printed Name in English | Printed Name in Native Language (if other than English) |

I Mao YANG ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VISUAL PROGRAMMING FOR DEEP LEARNING" ("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>MAO YANG</u> | <u>2019-07-04</u> |
| Inventor's Signature | Date |
| <u>Mao YANG</u> | <u>杨懋</u> |
| Printed Name in English | Printed Name in Native Language (if other than English) |

PATENT ASSIGNMENTMS Docket No.: 406847-CN-NP

I Shuguang LIU ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VISUAL PROGRAMMING FOR DEEP LEARNING" ("APPLICATION"), which:

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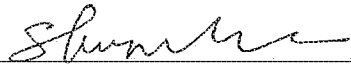
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| | |
|---|--|
|  | <u>2019-07-04</u> |
| Inventor's Signature | Date |
| <u>Shuguang LIU</u> | <u>柳书广</u> |
| Printed Name in English | Printed Name in Native Language (if other than English) |