

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5268920

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JENNIFER BLACK	12/04/2018
XIAO XU	12/03/2018
DAVID FOTI	12/04/2018
RECEIVING PARTY DATA	
Name:	THE MATHWORKS, INC.
Street Address:	3 APPLE HILL DRIVE
City:	NATICK
State/Country:	MASSACHUSETTS
Postal Code:	01760
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16206917
CORRESPONDENCE DATA	
Fax Number:	(617)646-8646
<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>	
Phone:	(617)646-8000
Email:	patents_JamesG@wolfgreenfield.com
Correspondent Name:	JAMES G. GOODBERLET, PHD
Address Line 1:	WOLF, GREENFIELD & SACKS, P.C.
Address Line 2:	600 ATLANTIC AVENUE
Address Line 4:	BOSTON, MASSACHUSETTS 02210-2206
ATTORNEY DOCKET NUMBER:	M1456.70004US00
NAME OF SUBMITTER:	JO-ANN BERGANTINO
SIGNATURE:	/Jo-Ann Bergantino/
DATE SIGNED:	12/06/2018
Total Attachments: 5	
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to **The MathWorks, Inc.**, a Delaware having a place of business at **3 Apple Hill Drive, Natick, Massachusetts 01760**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent application for United States Letters Patent filed in the United States Patent and Trademark Office on **November 30, 2018** under No. **16/206,917** bearing Attorney Docket No. **M1456.70004US00**, and entitled **SYSTEMS AND METHODS FOR HANDLING RENAMING OF PROGRAMMING CONSTRUCTS IN PROGRAMMING ENVIRONMENTS**, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;

Attorney Docket No. **M1456.70004US00**

5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. **M1456.70004US00**

December 4, 2018
Date

Jennifer A. Black
Inventor: Jennifer Black
Address: 32 Prospect Heights
Ashland, Massachusetts 01721
Citizenship: US

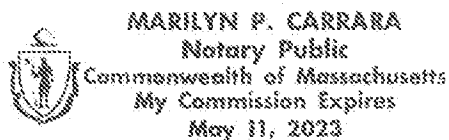
STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 4th day of December, 2018, before me, the undersigned notary public,
personally appeared Jennifer Black, proved to me through satisfactory evidence of
identification, which were MA driver's license,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Marilyn P. Carrara
Notary Public

My commission expires: May 11 2023



Attorney Docket No. M1456.70004US00

12/13/2018
Date
Inventor: Xiao Xu
Address: 17 Pleasant St., Unit 17
Wellesley, Massachusetts 02482
Citizenship: People's Republic of China

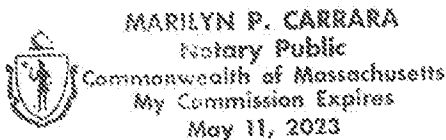
STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 3rd day of December, 2018 before me, the undersigned notary public,
personally appeared Xiao Xu, proved to me through satisfactory evidence of
identification, which were MA driver's license,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Marilyn P. Carrara
Notary Public

My commission expires: May 11, 2023



Attorney Docket No. M1456.70004US00

12/4/2018
Date

David Foti
Inventor: David Foti
Address: 20 Norfolk Lane
Holliston, Massachusetts 01746
Citizenship: US

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 4th day of December 2018, before me, the undersigned notary public,
personally appeared David Foti, proved to me through satisfactory evidence of
identification, which were MA driver's license
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Marilyn P. Carrara
Notary Public

My commission expires: May 11, 2023



MARILYN P. CARRARA
Notary Public
Commonwealth of Massachusetts
My Commission Expires
May 11, 2023

Attorney Docket No. M1456.70004US00