

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6913072

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HUANHUAN XU	07/07/2021
PARTHA BISWAS	06/30/2021
MADHAV RAJAN	07/07/2021
SHERMAN BRAGANZA	06/30/2021
CHIRAG GUPTA	07/06/2021
NEHA PAL	07/22/2021
RADHEY SHYAM MEENA	07/07/2021
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:	17374806
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:	6176468000
Email:	mquinn@wolfgreenfield.com
Correspondent Name:	JAMES H. MORRIS
Address Line 1:	WOLF GREENFIELD & SACKS, PC
Address Line 2:	600 ATLANTIC AVENUE
Address Line 4:	BOSTON, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	M1456.70026US00
NAME OF SUBMITTER:	MICHELLE QUINN
SIGNATURE:	/Michelle Quinn/
DATE SIGNED:	09/13/2021

PATENT

Total Attachments: 9

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned Assignors, hereby:

1. Sell, assign and transfer to **The MathWorks, Inc.**, a Delaware Corporation having a place of business at **3 Apple Hill Drive, Natick, MA 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 July 13, 2021 under No. 17/374,806, bearing Attorney Docket No. **M1456.70026US00**, and entitled **PROVIDING METRIC DATA FOR PATTERNS USABLE IN A MODELING ENVIRONMENT**, 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;

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

Attorney Docket No. **M1456.70026US00**

ASSIGNMENT

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.

[SIGNATURE BLOCK FOLLOWS]

Attorney Docket No. M1456.70026US00

8481484.1

7/7/2021
Date

Signature:


Inventor: Huan Huan Xu

Address: 84 Washburn Avenue
Unit 53
Wellesley, Massachusetts 02481

Citizenship: China

Witness
7/7/2021
Date


Signature

Name: Kim Zhuang

Address: 84 Washburn Ave
Wellesley MA 02481

Witness
7/7/2021
Date


Signature

Name: Yating Chai

Address: 92 Washburn Ave
Wellesley MA 02481

Attorney Docket No. M1456.70028US00

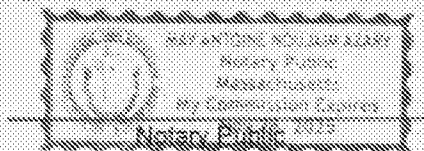
6/30/2021
Date

Partha Biswas
Inventor: Partha Biswas
Address: 54 Rice Road
Wayland, MA 01778
Citizenship: India

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 30th day of June, 2021, before me, the undersigned notary public,
personally appeared Partha Biswas, proved to me through satisfactory evidence of
identification, which were Driver 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



My commission expires: Nov 28, 2025

Attorney Docket No. M1456.70026US00

8491484.1

7/7/2021
Date

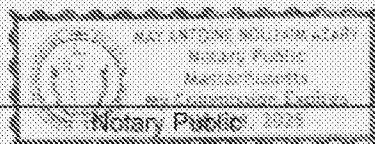
Inventor: Madhav Rajan
Address: 375 Market Street
Apt. 408
Brighton, MA 02135
Citizenship: India

Madhav Rajan

STATE/Commonwealth of Middlesex Massachusetts
COUNTY OF Middlesex

On this 7th day of July, 2021, before me, the undersigned notary public,
personally appeared Madhav Rajan, proved to me through satisfactory evidence of
identification, which were Driver 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



My commission expires: Nov 28, 2025

Attorney Docket No. M1456.70026US00

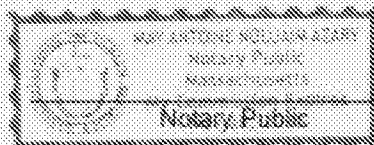
6/30/2021
Date

Sherman Braganza
Inventor: Sherman Braganza
Address: 39 Harvard Ave
Apt. 2
Brookline, Massachusetts 02446
Citizenship: Canada

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex

On this 30th day of June, 2021, before me, the undersigned notary public,
personally appeared Sherman Braganza, proved to me through satisfactory evidence of
identification, which were Driver 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

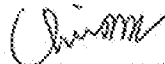


My commission expires: Nov 28, 2025

Attorney Docket No. M1456.70026US00

07/06/2021
Date

Signature:



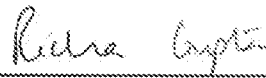
Inventor: Chirag Gupta

Address: Flat 1051, Prestige Sunnyside Elm
Karnataka, India 560103

Citizenship: India

Witness

07/06/2021
Date



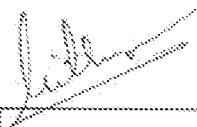
Signature

Name: RICHA GUPTA

Address: FLAT 1051, PRESTIGE SUNNYSIDE
ELM; KARNATAKA INDIA 560103

Witness

07/06/2021
Date



Signature

Name: MITHUN MADHAO BATARAKHAYE

Address: 1034, PRESTIGE SUNNYSIDE ELM,
BANGALORE - 560103.

Attorney Docket No. M1456.70026US00

22/7/2021
Date

Signature

/Neha Pal/

Inventor Neha Pal

Address N/51 Mitra Compound,
Sekhpura P O Midnapore
West Bengal, India 721101

Citizenship: India

Witness

22/7/2021
Date

Shivam Gupta

Shivam Gupta

Signature

Name:

SHIVAM GUPTA

Address:

NewTown, Kolkata
, West Bengal, 700156

Witness

22/7/2021
Date

Champa Mandal (Pal)

Signature

Name:

champa Mandal (Pal)

Address:

N/51 Mitra compound
west Midnapur
west - Bengal

Attorney Docket No. M1456.70026US00

Date 07-July-2021

Signature

Radhika

Inventor Radhika Shyam Meena

Address V/B - Karamwas

Pust - Samrat Kolan

Rajasthan, India 303109

Citizenship: India

Witness

Date 07-July-2021

Signature

28/8/21

Name

KHUSHBOO MEENA

Address

Kolanwas, Kumbharao ka
Mohalla, Jamwarkangarh
Bagra, Jaipur, Rajasthan
India - 302028

Witness

Date 07-July-2021

Signature

Madhua

Name

MAADHU MEENA

Address

Kolanwas, Samrat Kolan,
Jaipur (Raj.) - 303109
India.

Attorney Document No. MI45670028USDU

Page 1 of 1

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