505907738 02/10/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5954455

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM POTTER	01/17/2020
WILLIAM ALDRICH	01/16/2020
AARON HUGHES	01/16/2020
ANJALI JOSHI	01/23/2020
ZSOLT KALMAR	01/22/2020
EBRAHIM M. MESTCHIAN	01/16/2020

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:	16731438

CORRESPONDENCE DATA

Fax Number: (617)646-8646

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.

Phone: 6176468000

Email: patents_jamesM@wolfgreenfield.com

Correspondent Name: JAMES H. MORRIS

Address Line 1: WOLF, GREENFIELD & SACKS, P.C.

Address Line 2: **600 ATLANTIC AVENUE**

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	M1456.70027US01
NAME OF SUBMITTER:	MICHELLE QUINN
SIGNATURE:	/Michelle Quinn/
DATE SIGNED:	02/10/2020

PATENT REEL: 051866 FRAME: 0829 505907738

Total Attachments: 8 source=M145670027US01-ASI-JHM#page1.tif source=M145670027US01-ASI-JHM#page2.tif source=M145670027US01-ASI-JHM#page3.tif source=M145670027US01-ASI-JHM#page4.tif source=M145670027US01-ASI-JHM#page5.tif source=M145670027US01-ASI-JHM#page6.tif source=M145670027US01-ASI-JHM#page7.tif source=M145670027US01-ASI-JHM#page8.tif

PATENT REEL: 051866 FRAME: 0830

ASSIGNMENT

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

- Sell, assign and transfer to The MathWorks, Inc., a Delaware Corporation having a 1. 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 December 31, 2019 under No. 16/731,438, bearing Attorney Docket No. M1456.70027US01, and entitled REFINING COVERAGE ANALYSES USING CONTEXT INFORMATION, 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;
- 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;

Altorney Docket No. M1456.70027US01

ş

- 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.

[Signature Blocks Follow]

Attorney Docket No. M1456.70027US01

2

1/17/2020		White of the
Date	Inventor:	William Potter
	Address:	6841 N, 186th Ave
		Waddell, Arizona 85355
	Citizenship:	US
Witness: 1/17/2#20 Date		Katherine Kaller 684/ N. 186th Ave Waddell, AZ 853.55
Witness: ///>/2020 Date	Signature	
	Name:	Audrew Keller
	Address	6841 N. 186th Ave
		Waddell, 12 85355

Attorney Docket No. M1456.70027US01

3

<u> Tan 16, 2020</u> Date

Willy Wille Inventor: William Aldrich

Address: 700 Boston Post Road

Sudbury, Massachusetts 01776

Citizenship: US

COMMON	WEALTH (of massa Adles	CHUSETTS	
On this	16	day of	January	、
personally			William Aldrich	
identification	on, which v	rere Mai	Ver Jacen	
to be the p	erson who	signed the	preceding or at	ached document in my presence and swore or affirmed
to me that	the conten	is of the do	cument are truth	ntul and accurate to the best of (his) (her) knowledge
and belief	and ackno	wledaed to	me that (be) (sh	e) signed it voluntarily for its stated purpose.

SEAL

yrasa mialuon shiotna yam Notary Public Massachusetts Campission Expires Mojáry Publicv 28, 2025

My commission expires:

Attorney Docket No. M1456.70027US01

4

ì	•													ì								٠												1				٠		
j		,	٥		`								:											ĕ														٠	٠	۱
					•	•	•	•	•						•	٠	۰	•		•	•	•	•	•	•	•	•	•	*	*	•	١	•	•	١	١	٠			

COMMONWEALTH OF MASSACHUSETTS

Nordon Agree Window

Inventor: Aaron Hughes

Address: 314 Village Street

-Apt-9450___

Millis, Massachusetts 02054

Citizenship: US

COUNTY OF M. C.	Alese	•			
On this 16th	day of	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	before me. ر	, the undersigned notary public	3,
personally appeared		Aaron Hughes	, proved to me	through satisfactory evidence	
identification, which we	56 65 F	, 9	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		

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

MAY ANTOINE NOUJAIM AZARY
Notary Public
Massachusetts
My Cemmission Expires
Untary Philips 2025

My commission expires:

<u> Nov 28, 2025</u>

Attorney Docket No. M1456.70027US01

5

Inventor: Anjali Joshi

Address: 84 Morningside Road

Apt 2-2

Needham, Massachusetts 02492

Citizenship: India

COMMONWEALTH OF MASSACHUSETTS

day of Schools, Rolling to the undersigned notary public,
Anjali Joshi , proved to me through satisfactory evidence of

identification, which were Druger

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

MAY ANTOINE NOUJAIM AZARY Notary Public Massachusetts My Commission Expires

My commission expires: Nov

Attorney Docket No. M1456.70027US01

8

×		3	e	8	٠	•			ŝ			*					٥,	ķ					
	ĩ	Š	C	À,	£	×	Ĺ	į	ì		ζ	Z	ì	8,	3	C	S	È	Š	`	3		
		3	 882	 }	•••	•••		ŝ		•••				••			•	-	-	•		•	

lu ve

Inventor: Zsolt Kalmar

Address: 3 Fenwick Circle

Framingham, Massachusetts 01701

Citizenship: Hungary

COMMONWEALTH OF MASSACHUSETTS COUNTY OF

personally appeared

day of January , <u>Apa</u>before me, the undersigned notary public, Zsoit Kalmar , proved to me through satisfactory evidence of

identification, which were Diver License

to be the person who signed the preceding or attached document in my presence and swore or attirmed 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

Natary Paphic Passach Jetr <u>kıv Cammıssıon Evalre</u> Noteky Public:

My commission expires:

<u>NOV 28, 202</u>5

Altorney Cocket No. M1456.70027US01

7

1<u>/16/2020</u>

Inventor: Ebrahim M. Mestchian

Address: 24 Ripley Street

Newton, Massachusetts 02459-2207

Citizenship: US

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF MILLIA LOCALE

On this 16 th day of 5...

day of Tanua 4. 20 before me, the undersigned notary public, Ebrahim M. Mestqhilin , proved to me through satisfactory evidence of

identification, which were NOWE (ICO) SE

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

personally appeared

My commission expires.

V

may antoine holijaim azary Holbry Public

Massachusetts

Altorney Docket No. M1456.70027US01

7827233.1

8

PATENT REEL: 051866 FRAME: 0838