505881515 01/24/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5928340 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MING DAO	01/14/2020
JU LI	01/14/2020
ZHE SHI	01/14/2020

RECEIVING PARTY DATA

Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
Street Address:	77 MASSACHUSETTS AVENUE	
City:	CAMBRIDGE	
State/Country:	MASSACHUSETTS	
Postal Code:	02139	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16585308
PCT Number:	US1953368

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_JohnH@wolfgreenfield.com,

MITAdministrators@wolfgreenfield.com

Correspondent Name: JOHN S. HARMON

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

600 ATLANTIC AVENUE Address Line 2:

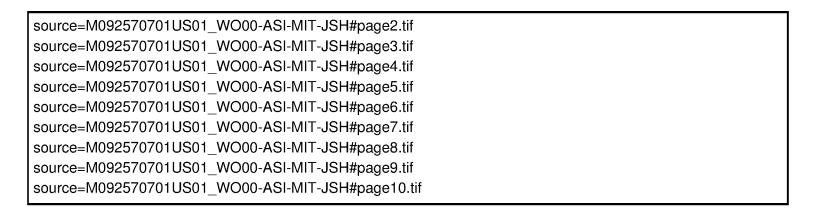
Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER: M0925.70701US01/WO00 **NAME OF SUBMITTER:** JUSTIN DUFFY **SIGNATURE:** /Justin Duffy/ **DATE SIGNED:** 01/24/2020

Total Attachments: 10

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PATENT REEL: 051695 FRAME: 0781



PATENT REEL: 051695 FRAME: 0782

ASSIGNMENT

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

- Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts Non-profit Corporation having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, 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 September 27, 2019 under No. 16/585,308, bearing Attorney Docket No. M0925.70701US01, and entitled ELASTIC STRAIN ENGINEERING OF DEFECT DOPED MATERIALS, and in the International Application filed on September 27, 2019 under International Application No. PCT/US2019/053368, bearing Attorney Docket No. M0925,70701W000, and entitled ELASTIC STRAIN ENGINEERING OF DEFECT DOPED MATERIALS, 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 caths, 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;

Attorney Docket No. M0925.70701US01/WO00

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- 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
- 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. M0925.70701US01/W000

14 Jan	2020
Date	·····

Inventor: Ming Dao

Address: 27 Woodard Road

West Roxbury, Massachusetts 02132

Citizenship: US

Witness:

14 Jan 2020 Date

Signature

Name:

Kony Fang

Address:

472 Juray West St 41 =06-405. Singapore 640472

Witness:

jan 2020

Name:

Loretta Cruz

Address:

50 Nanyang Ave. Admin Bldg Singapore 639798

Attorney Docket No. M0925.70701US01/W000

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Date	Inventor:	Juli
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Dates.		********	******

Inventor: Zhe Shi

Address: 129 Franklin Street

Apt. 419

Cambridge, Massachusetts 01239

Citizenship: Canada

Witness:

Signature

Name:

Address:

472 Jurong West St 41 #06-405, Singapore 640472

Witness:

14 Jan 2020

Date

Name:

Lorella Cruz

Address:

Altorney Dockel No. M0925.70701US01/WO00

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### **ASSIGNMENT**

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

- Sell, assign and transfer to Massachusetts Institute of Technology, a Massachusetts Non-profit Corporation having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, 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 September 27, 2019 under No. 16/585,308, bearing Attorney Docket No. M0925.70701US01, and entitled ELASTIC STRAIN ENGINEERING OF DEFECT DOPED MATERIALS, and in the International Application filed on September 27, 2019 under International Application No. PCT/US2019/053368, bearing Attorney Docket No. M0925.70701W000, and entitled ELASTIC STRAIN ENGINEERING OF DEFECT DOPED MATERIALS, 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 relissued 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;

Attorney Docket No. M0925.70701US01/WO00

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- 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
- 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. M0925.70701US01/W000

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Date	Inventor:	Ming Dao
		27 Woodard Road
		West Roxbury, Massachusetts 02132
	Citizenship:	
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Witness:	+#h	
Date	Signaturi	3
	Name:	
	Address:	
Witness:		
Date	Signatur	9
	Name:	
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Jan.14, 20 20	:X	LITU2-
Date	Inventor: J	du -
	Address: 1	1 Wildwood Lane
	¥	Veston, Massachusetts 02493
•	Citizenship: U	S Comments
Witness: Jow 14, 2020	Y	X
Date	Signature 1	<u> </u>
W.	Name:	Yin Ding
	Address:	345, Franklin, ST.
		Cambridge, MA, 02139-3182
Witness:	s	
Jan 14, 2020		
Dale	Signature	
100	Name:	Rui Xing
	Address:	150 Albay 57 7 NW 14 22
		Orbridge MA DUG

Attorney Docket No. M0925.70701US01/WO00

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)ale	Inventor:	Zhe Shi
	Address:	129 Franklin Street
5,		Apt. 418
		Cambridge, Massachusetts 01239
	Citizenship:	
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**RECORDED: 01/24/2020** 

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