

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6198336

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRIAN LABOMBARD	11/24/2018
ROBERT S. GRANETZ	01/22/2019
JAMES IRBY	01/29/2019
RUI VIEIRA	02/26/2019
WILLIAM BECK	01/31/2019
JEFFREY DOODY	01/23/2019
MARTIN GREENWALD	01/29/2019
ZACHARY HARTWIG	01/02/2019
PHILIP MICHAEL	01/22/2019
ALEXEY RADOVINSKY	01/22/2019
SYUN'ICHI SHIRAIWA	02/26/2019
JOHN WRIGHT	01/31/2019
LIHUA ZHOU	11/27/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
<b>Street Address:</b>	77 MASSACHUSETTS AVENUE
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02139
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16959600
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(781)401-9966
<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>	
<b>Email:</b>	rck@dc-m.com
<b>Correspondent Name:</b>	DALY, CROWLEY, MOFFORD & DURKEE, LLP
<b>Address Line 1:</b>	ONE UNIVERSITY AVENUE
<b>Address Line 2:</b>	SUITE 201B

PATENT

<b>Address Line 4:</b> WESTWOOD, MASSACHUSETTS 02090	
<b>ATTORNEY DOCKET NUMBER:</b>	MIT-401BUS
<b>NAME OF SUBMITTER:</b>	DAVID E. BLAU
<b>SIGNATURE:</b>	/David E. Blau, #60,625/
<b>DATE SIGNED:</b>	07/13/2020
<b>Total Attachments: 17</b> source=TO_PTO_ASSIGN#page1.tif source=TO_PTO_ASSIGN#page2.tif source=TO_PTO_ASSIGN#page3.tif source=TO_PTO_ASSIGN#page4.tif source=TO_PTO_ASSIGN#page5.tif source=TO_PTO_ASSIGN#page6.tif source=TO_PTO_ASSIGN#page7.tif source=TO_PTO_ASSIGN#page8.tif source=TO_PTO_ASSIGN#page9.tif source=TO_PTO_ASSIGN#page10.tif source=TO_PTO_ASSIGN#page11.tif source=TO_PTO_ASSIGN#page12.tif source=TO_PTO_ASSIGN#page13.tif source=TO_PTO_ASSIGN#page14.tif source=TO_PTO_ASSIGN#page15.tif source=TO_PTO_ASSIGN#page16.tif source=TO_PTO_ASSIGN#page17.tif	

## A S S I G N M E N T

Whereas we, the undersigned, Brian LABOMBARD, Robert GRANETZ, James IRBY, Rui VIEIRA, William BECK, Daniel BRUNNER, Jeffrey DOODY, Martin GREENWALD, Zachary HARTWIG, Philip MICHAEL, Robert MUMGAARD, Alexey RADOVINSKY, Syun'ichi SHIRAIWA, Brandon N. SORBOM, John WRIGHT and Lihua ZHOU hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled SPIRAL-GROOVED, STACKED-PLATE SUPERCONDUCTING MAGNETS AND RELATED CONSTRUCTION TECHNIQUES, identified as Attorney Docket No. MIT-401PUS, and Client Case No. 20479, which application was executed on \_\_\_\_\_, and filed on \_\_\_\_\_ and assigned Application No. \_\_\_\_\_. In the event that the execution date, filing date and/or Application No. are not entered above or are incorrect at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request the attorneys at DALY, CROWLEY, MOFFORD & DURKEE, LLP, One University Avenue, Suite 201B, Westwood, MA 02090, to insert above the execution date, filing date and/or Application No. of said application.

Whereas MASSACHUSETTS INSTITUTE OF TECHNOLOGY, a Massachusetts Corporation having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02139, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination, PCT, PCT National Phase and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.


In testimony of which we have each executed this Assignment as an instrument on the date indicated next to our name(s).

Dated: NOV. 24, 2018

  
Brian LABOMBARD

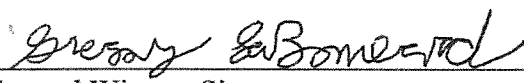
Witnessed by:

Dated: 11/24/18

  
First Witness Signature

Eileen McGettigan  
First Witness Printed Name

Dated: 11/24/18

  
Second Witness Signature

Gregory LaBombard  
Second Witness Printed Name

Dated: 2019/01/22

Robert S. Granetz  
Robert GRANETZ

**Witnessed by:**

Dated: 1/22/2019

[Signature]  
First Witness Signature

JERRY W HUGHES JR  
First Witness Printed Name

Dated: 1/22/2019

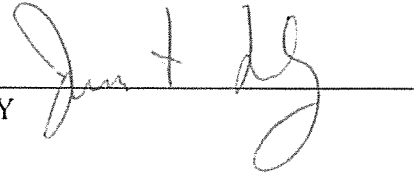
[Signature]  
Second Witness Signature

James L. Terry  
Second Witness Printed Name

PATENT ASSIGNMENT  
Atty. Dckt. No.: MIT-401PUS  
Client Case No.: 20479

Dated: 1/29/2019

James IRBY



Witnessed by:

Dated: 1/29/2019

First Witness Signature

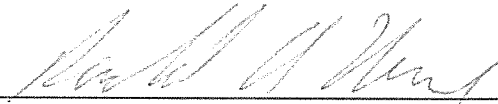
William M. Burke  
First Witness Printed Name



Dated: 1/29/2019

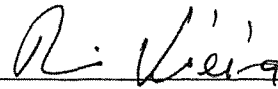
Second Witness Signature

Richard A. Murray  
Second Witness Printed Name




PATENT ASSIGNMENT  
Atty. Dckt. No.: MIT-401PUS  
Client Case No.: 20479

Dated: 2-26-19

  
\_\_\_\_\_  
Rui VIEIRA

Witnessed by:

Dated: 2-26-19

  
\_\_\_\_\_  
First Witness Signature

CAMILLO CALDAS  
\_\_\_\_\_  
First Witness Printed Name

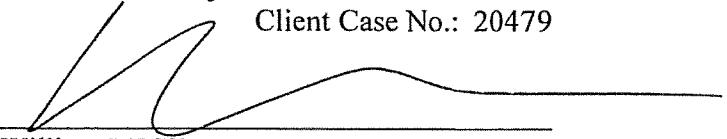
Dated: 2/26/19

  
\_\_\_\_\_  
Second Witness Signature

Corinne Cotta  
\_\_\_\_\_  
Second Witness Printed Name

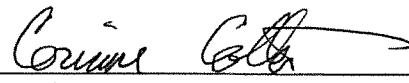
PATENT ASSIGNMENT  
Atty. Dckt. No.: MIT-401PUS  
Client Case No.: 20479

Dated: 1/31/2019

  
\_\_\_\_\_  
William BECK

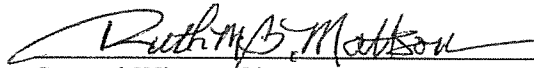
Witnessed by:

Dated: 2/1/19

  
\_\_\_\_\_  
First Witness Signature

Corinne Catta  
\_\_\_\_\_  
First Witness Printed Name

Dated: 2/1/2019

  
\_\_\_\_\_  
Second Witness Signature

RUTH M.B. MATTSON  
\_\_\_\_\_  
Second Witness Printed Name



Dated: \_\_\_\_\_

\_\_\_\_\_  
Daniel BRUNNER

**Witnessed by:**

Dated: \_\_\_\_\_

\_\_\_\_\_  
First Witness Signature

\_\_\_\_\_  
First Witness Printed Name


Dated: \_\_\_\_\_

\_\_\_\_\_  
Second Witness Signature

\_\_\_\_\_  
Second Witness Printed Name


PATENT ASSIGNMENT  
Atty. Dckt. No.: MIT-401PUS  
Client Case No.: 20479

Dated: 1-23-19

  
Jeffrey DOODY


Witnessed by:

Dated: 1-23-19

  
First Witness Signature

Richard Leccacorvi  
First Witness Printed Name

Dated: 1.23.19

  
Second Witness Signature

HENRY SAVELLI  
Second Witness Printed Name

Dated: 1/29/2019

Martin Greenwald  
Martin GREENWALD

Witnessed by:

Dated: 1/29/2019

[Signature]  
First Witness Signature  
Charisia Alexandridis  
First Witness Printed Name

Dated: 1/29/2019

[Signature]  
Second Witness Signature  
Jennifer James  
Second Witness Printed Name

Dated: Jan 02 2019

  
\_\_\_\_\_  
Zachary HARTWIG

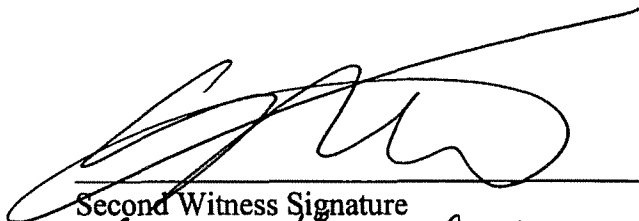
**Witnessed by:**

Dated: 1/2/2019

  
\_\_\_\_\_  
First Witness Signature

Joshua Stillerman  
\_\_\_\_\_  
First Witness Printed Name

Dated: Jan 2, 2019

  
\_\_\_\_\_  
Second Witness Signature

Anastasia Alexandridis  
\_\_\_\_\_  
Second Witness Printed Name

Dated: 22 JAN 2019

Philip Michael  
Philip MICHAEL

Witnessed by:

Dated: 1/22/2019

Leslie Bromberg  
First Witness Signature  
Leslie Bromberg  
First Witness Printed Name

Dated: 1/22/2019

Joseph V. Minervini  
Second Witness Signature  
Joseph V. Minervini  
Second Witness Printed Name

Dated: \_\_\_\_\_

\_\_\_\_\_  
Robert MUMGAARD

**Witnessed by:**

Dated: \_\_\_\_\_

\_\_\_\_\_  
First Witness Signature

\_\_\_\_\_  
First Witness Printed Name

Dated: \_\_\_\_\_

\_\_\_\_\_  
Second Witness Signature

\_\_\_\_\_  
Second Witness Printed Name

PATENT ASSIGNMENT  
Atty. Dckt. No.: MIT-401PUS  
Client Case No.: 20479

Dated: 1/22/2019

Alexey L. Radovinsky  
Alexey RADOVINSKY

Witnessed by:

Dated: 01/22/2019

K. L.  
First Witness Signature

Sergey Kuznetsov  
First Witness Printed Name

Dated: 01/22/2019

Joseph V. Minervini  
Second Witness Signature

Joseph V. Minervini  
Second Witness Printed Name

Dated: 02/26/2019

*Syun'ichi Shiraiwa*  
Syun'ichi SHIRAIWA

**Witnessed by:**

Dated: \_\_\_\_\_

\_\_\_\_\_  
First Witness Signature

\_\_\_\_\_  
First Witness Printed Name

Dated: \_\_\_\_\_

\_\_\_\_\_  
Second Witness Signature

\_\_\_\_\_  
Second Witness Printed Name



Dated: \_\_\_\_\_

\_\_\_\_\_  
Brandon N. SORBOM

**Witnessed by:**

Dated: \_\_\_\_\_

\_\_\_\_\_  
First Witness Signature

\_\_\_\_\_  
First Witness Printed Name

Dated: \_\_\_\_\_

\_\_\_\_\_  
Second Witness Signature

\_\_\_\_\_  
Second Witness Printed Name

Page 16 of 17

PATENT ASSIGNMENT  
Atty. Dckt. No.: MIT-401PUS  
Client Case No.: 20479

Dated: Nov. 27, 2018

Lihua Zhou  
Lihua ZHOU

Witnessed by:

Dated: Nov. 27, 2018

[Signature]  
First Witness Signature  
Yijun Lin  
First Witness Printed Name

Dated: Nov. 27, 2018

[Signature]  
Second Witness Signature  
Paul E. Liebard  
Second Witness Printed Name

700522