504647064 11/16/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NAOMI GINSBERG	11/08/2017
CONNOR GREGORY BISCHAK	10/06/2017
CRAIG L. HETHERINGTON	10/05/2017
DAVID M. KAZ	11/15/2017

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	
Street Address:	1111 FRANKLIN STREET, 12TH FLOOR	
City:	OAKLAND	
State/Country:	CALIFORNIA	
Postal Code:	94607-5200	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15564542

CORRESPONDENCE DATA

Fax Number: (415)268-7522

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: (415)268-6642 Email: TOkyere@mofo.com

Correspondent Name: PATRICIA I. TSAO

Address Line 1: MORRISON & FOERSTER LLP

Address Line 2: 425 MARKET STREET

Address Line 4: SAN FRANCISCO, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	41627-20104.00
NAME OF SUBMITTER:	PATRICIA I. TSAO
SIGNATURE: /Patricia Tsao/	
DATE SIGNED:	11/16/2017

Total Attachments: 5

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PATENT 504647064 REEL: 044156 FRAME: 0698

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> PATENT REEL: 044156 FRAME: 0699

Attorney Docket No.: 416272010400 Client Reference No.: BK-2015-107-3 US

ASSIGNMENT

This assignment is by:

- Naomi GINSBERG
 D64 Hildebrand Hall

 Berkeley, California 94720
- Connor Gregory BISCHAK D64 Hildebrand Hall Berkeley, California 94720
- Craig L. HETHERINGTON D64 Hildebrand Hall Berkeley, California 94720
- David M. KAZ
 D64 Hildebrand Hall
 Berkeley, California 94720

(referred to in this Assignment as "Assignors"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: The Regents of the University of California

Address: 1111 Franklin Street, 12th Floor, Oakland, California 94607-5200 A juristic entity duly organized under and pursuant to the laws of: California

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under said patent application and the inventions covered thereby.

Assignors have invented certain new and useful inventions in:

CATHODOLUMINESCENCE-ACTIVATED NANOSCALE IMAGING

for which the following application has been filed in the United States of America.

Serial No.: 15/564,542 International Filing Date: April 8, 2016

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, any and all provisionals, non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

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sf-3829299

Attorney Docket No.: 416272010400 Client Reference No.: BK-2015-107-2 US

- 2. Assignors represent, warrant and covenant (a) that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignors solely and lawfully owned the entire right, title and interest in and to said inventions and said application for letters patent, and the same were unencumbered and that Assignors sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to said inventions and said applications for letters patent.
- 3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) any provisional, non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. To be clear, for purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.
- 4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patent of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.
- 5. "I hereby grant attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date:	Signature:
	Naomi GINSBERG
Date:	Signature: Connor Gregory BISCHAK
Date:	Signature: Craig L. HETHERINGTON
Date:	Signature:

Attorney Docket No.: 416272010400 Client Reference No.: BK-2015-107-3 US

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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

and the second second	
Date:	Signature: Naomi GINSBERG
Date: 10/6/2017	Signature: Connor Gregory BISCHAK
Date:	Signature:Craig L. HETHERINGTON
Date:	Signature: David M. KAZ

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Attorney Docket No.: 416272010400 Client Reference No.: BK-2015-107-3 US

- 2. Assignors represent, warrant and covenant (a) that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignors solely and lawfully owned the entire right, title and interest in and to said inventions and said application for letters patent, and the same were unencumbered and that Assignors sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to said inventions and said applications for letters patent.
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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date:		Signature:	Naomi GINSBERG
Date: _		Signature:	Connor Gregory BISCHAK
Date: _	10/05/2019	Signature:	Craig L. HETHERINGTON
Date: _		Signature:	David M. KAZ

Attorney Docket No.: 416272010400 Client Reference No.: BK-2015-107-2 US

- 2. Assignors represent, warrant and covenant (a) that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignors solely and lawfully owned the entire right, title and interest in and to said inventions and said application for letters patent, and the same were unencumbered and that Assignors sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to said inventions and said applications for letters patent.
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Date: Signature: Naomi GINSBERG Date: Signature: Connor Gregory BISCHAK Date: Craig L. HETHERINGTON Date: David M. KAZ

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