

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3362593

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRUCE E. COHEN	05/13/2014
ALEXIS D. OSTROWSKI	04/24/2014
EMORY M. CHAN	05/13/2014
DANIEL J. GARGAS	03/02/2015
ELAN M. KATZ	06/17/2014
P. JAMES SCHUCK	06/24/2014
DELIA J. MILLIRON	03/20/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	The Regents of the University of California
<b>Street Address:</b>	1111 Franklin Street
<b>Internal Address:</b>	12th Floor
<b>City:</b>	Oakland
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94607-5200
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14344863
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(510)486-7896
<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>Phone:</b>	510-486-4672
<b>Email:</b>	MDMenge@lbl.gov
<b>Correspondent Name:</b>	STUART B. CHINN / MARK D. MENGE
<b>Address Line 1:</b>	LAWRENCE BERKELEY NATIONAL LABORATORY
<b>Address Line 2:</b>	ONE CYCLOTRON ROAD, MS 56A-0120
<b>Address Line 4:</b>	BERKELEY, CALIFORNIA 94720-8127
<b>ATTORNEY DOCKET NUMBER:</b>	IB-3130
<b>NAME OF SUBMITTER:</b>	STUART B. CHINN, REG. NO. 61,914
<b>SIGNATURE:</b>	/STUART B. CHINN/

PATENT

<b>DATE SIGNED:</b>	05/20/2015
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**Total Attachments: 8**

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## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S)

<b>Bruce E. Cohen</b>	Residing at	<b>55 Page Street, #319 San Francisco, CA 94102</b>
<b>Alexis D. Ostrowski</b>	Residing at	<b>924 Joliet Drive Maumee, OH 43537</b>
<b>Emory M. Chan</b>	Residing at	<b>423 7th Street, Apt. #416 Oakland, CA, 94607</b>
<b>Daniel J. Gargas</b>	Residing at	<b>11 Hinckley Walk San Francisco, CA 94111</b>
<b>Elan M. Katz</b>	Residing at	<b>2521 Regent St. Apt. 5 Berkeley, CA 94704</b>
<b>P. James Schuck</b>	Residing at	<b>49 Sonia St. Oakland, CA, 94618</b>
<b>Delia J. Milliron</b>	Residing at	<b>6137 Girvin Dr. Oakland, CA 94611</b>

hereby sell(s), assign(s) and transfer(s) to ASSIGNEE, The Regents of The University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, 12<sup>TH</sup> Floor, Oakland, CA 94607-5200 and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

**TITLE: CONTROLLED SYNTHESIS OF BRIGHT AND COMPATIBLE LANTHANIDE-DOPED  
UPCONVERTING NANOCRYSTALS  
and which is found in U.S. patent application serial no. 14/344,863  
filed on 13-Mar-2014**

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, post grant review, inter parties review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may necessary or desirable to carry out the purposes thereof.



### ASSIGNMENT

Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of The University of California.

Executed this:

13 day of MAY, 2014

Signature of Inventor:

[Signature]  
Bruce E. Cohen

Executed this:

\_\_\_\_\_ day of \_\_\_\_\_, 2014

Signature of Inventor:

\_\_\_\_\_  
Alexis D. Ostrowski

Executed this:

\_\_\_\_\_ day of \_\_\_\_\_, 2014

Signature of Inventor:

\_\_\_\_\_  
Emory M. Chan

Executed this:

\_\_\_\_\_ day of \_\_\_\_\_, 2014

Signature of Inventor:

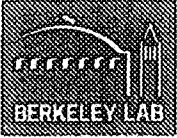
\_\_\_\_\_  
Daniel J. Gargas

Executed this:

\_\_\_\_\_ day of \_\_\_\_\_, 2014

Signature of Inventor:

\_\_\_\_\_  
Elan M. Katz



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Executed this:

\_\_\_\_\_ day of \_\_\_\_\_, 2015

Signature of Inventor:

\_\_\_\_\_  
Bruce E. Cohen

Executed this:

24 day of April, 2015

Signature of Inventor:

  
Alexis D. Ostrowski

Executed this:

\_\_\_\_\_ day of \_\_\_\_\_, 2015

Signature of Inventor:

\_\_\_\_\_  
Emory M. Chan

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Signature of Inventor:

\_\_\_\_\_ day of \_\_\_\_\_, 2014

\_\_\_\_\_  
**Bruce E. Cohen**

Executed this:

Signature of Inventor:

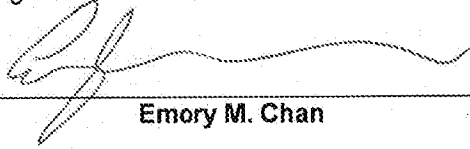
\_\_\_\_\_ day of \_\_\_\_\_, 2014

\_\_\_\_\_  
**Alexis D. Ostrowski**

Executed this:

Signature of Inventor:

13 day of May, 2014

  
\_\_\_\_\_  
**Emory M. Chan**

Executed this:

Signature of Inventor:

\_\_\_\_\_ day of \_\_\_\_\_, 2014

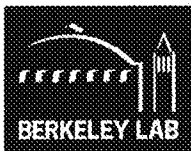
\_\_\_\_\_  
**Daniel J. Gargas**

Executed this:

Signature of Inventor:

\_\_\_\_\_ day of \_\_\_\_\_, 2014

\_\_\_\_\_  
**Elan M. Katz**



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\_\_\_\_\_ day of \_\_\_\_\_, 2015

Signature of Inventor:

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**Bruce E. Cohen**

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Signature of Inventor:

\_\_\_\_\_  
**Alexis D. Ostrowski**

Executed this:

\_\_\_\_\_ day of \_\_\_\_\_, 2015

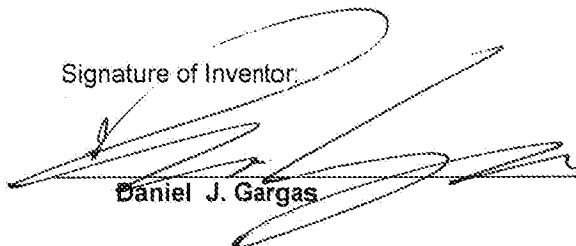
Signature of Inventor:

\_\_\_\_\_  
**Emory M. Chan**

Executed this:

2 day of March, 2015

Signature of Inventor:

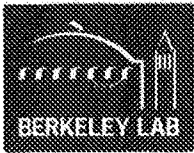
  
\_\_\_\_\_  
**Daniel J. Gargas**

Executed this:

\_\_\_\_\_ day of \_\_\_\_\_, 2015

Signature of Inventor:

\_\_\_\_\_  
**Elan M. Katz**



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Signature of Inventor:

\_\_\_\_\_  
**Bruce E. Cohen**

Executed this:

\_\_\_\_\_ day of \_\_\_\_\_, 2014

Signature of Inventor:

\_\_\_\_\_  
**Alexis D. Ostrowski**

Executed this:

\_\_\_\_\_ day of \_\_\_\_\_, 2014

Signature of Inventor:

\_\_\_\_\_  
**Emory M. Chan**

Executed this:

\_\_\_\_\_ day of \_\_\_\_\_, 2014

Signature of Inventor:

\_\_\_\_\_  
**Daniel J. Gargas**

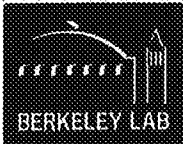
Executed this:

17 day of June, 2014

Signature of Inventor:

  
\_\_\_\_\_  
**Elan M. Katz**





ASSIGNMENT

Executed this:

24 day of June, 2014

Signature of Inventor:

[Handwritten Signature]
P. James Schuck

Executed this:

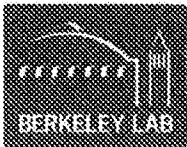
\_\_\_\_\_ day of \_\_\_\_\_, 2014

Signature of Inventor:

Delia J. Milliron

Hereby Accepted on behalf of
The Regents of the University of California

Signature [Handwritten Signature]
Name Mark Menge
Title Legal Analyst
Date May 20, 2015



# ASSIGNMENT

Executed this:

\_\_\_\_\_ day of \_\_\_\_\_, 2014

Signature of Inventor:

\_\_\_\_\_  
**P. James Schuck**

Executed this:

20th day of March, 2014

Signature of Inventor:

\_\_\_\_\_  
**Delia J. Milliron**

Hereby Accepted on behalf of  
The Regents of the University of California

Signature Mark Menge

Name Mark Menge

Title Legal Analyst

Date May 20, 2015