

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2725825

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>DAVID GLENN</td> <td>12/05/2012</td> </tr> <tr> <td>NARAYANAN KASTHURI</td> <td>12/12/2012</td> </tr> <tr> <td>JEFFREY W. LICHTMAN</td> <td>12/12/2012</td> </tr> <tr> <td>RICHARD SCHALEK</td> <td>12/12/2012</td> </tr> <tr> <td>RONALD WALSWORTH</td> <td>12/05/2012</td> </tr> <tr> <td>HUILIANG ZHANG</td> <td>12/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	DAVID GLENN	12/05/2012	NARAYANAN KASTHURI	12/12/2012	JEFFREY W. LICHTMAN	12/12/2012	RICHARD SCHALEK	12/12/2012	RONALD WALSWORTH	12/05/2012	HUILIANG ZHANG	12/05/2012
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HUILIANG ZHANG	12/05/2012														
RECEIVING PARTY DATA															
Name:	President and Fellows of Harvard College														
Street Address:	17 Quincy Street														
City:	Cambridge														
State/Country:	MASSACHUSETTS														
Postal Code:	02138														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14125934</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14125934										
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Application Number:	14125934														
CORRESPONDENCE DATA															
Fax Number:	(617)495-9568														
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ATTORNEY DOCKET NUMBER:	4190 US														

NAME OF SUBMITTER:	ANNE CRAIG
Signature:	/aic/
Date:	02/13/2014
Total Attachments: 3 source=PCT US12-042332 Executed Assignment#page1.tif source=PCT US12-042332 Executed Assignment#page2.tif source=PCT US12-042332 Executed Assignment#page3.tif	

ASSIGNMENT

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

**David Glenn, Narayanan Kasthuri, Jeffrey W. Lichtman, Richard Schalek,
Ronald Walsworth and Huiliang Zhang**

(each hereafter "Assignor") hereby assign, sell, and transfer to:

**President and Fellows of Harvard College
17 Quincy Street, Cambridge, Massachusetts 02138**

(hereafter "Assignee") its successors and assigns, Assignor's entire right, title and interest throughout the world in and to any and all inventions for:

MULTI-COLOR NANOSCALE IMAGING BASED ON NANOPARTICLE CATHODOLUMINESCENCE

described in **International Patent Application No. PCT US12/042332, filed June 13, 2012**; and in and to the aforesaid application(s), in any form or embodiment thereof, and in and to any application on any of the inventions filed in this and any foreign country, based thereon, including the right to file said applications, apply for patent rights, and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon any of the inventions and any divisional, continuation, or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent; and authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

For purposes of complying with foreign requirements, the above paragraph is intended to expressly grant all the recited rights and grants in China, Korea, and Japan.

Assignor hereby warrants that he/she has full right to convey his/her entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and


Assignor further agrees, without further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention

or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its representatives or agents, or its successors or assigns to secure, obtain and enforce proper patent protection for said invention or inventions in this and any foreign country.

Assignor authorizes Assignee or Assignee's representative to supply and/or to correct any errors or omissions in the patent/application information provided above including but not limited to said application serial number(s) and filing date(s), prior to or after recordation.

Assignor appoints Assignee, through its designee, as its attorney-in-fact to execute, in Assignor's name and on Assignor's 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.

12/5/2012
Date

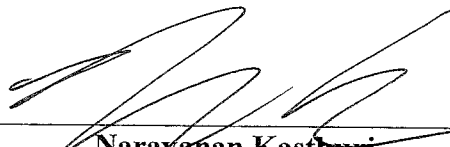

David Glenn

12/5/2012
Date

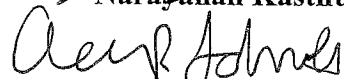

Witness

LINH PHAM
Witness's Printed Name

12/12/12
Date



Narayanan Kasthuri

12-12-12
Date

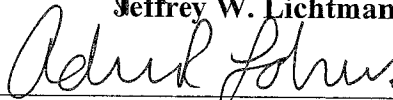

Witness

Adrianna R. Lehner
Witness's Printed Name

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Date

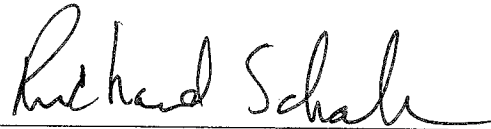

Jeffrey W. Lichtman

12-12-12
Date

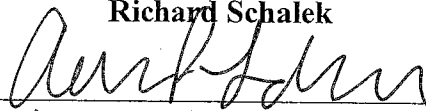

Witness

Adrianna Rohnes
Witness's Printed Name

12-12-12
Date


Richard Schalek

12-12-12
Date


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Adrianna Rohnes
Witness's Printed Name

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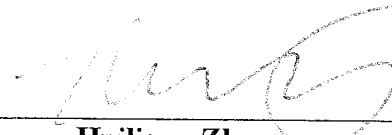

Ronald Walsworth

12/5/12
Date


Witness

Kelly Colbourn
Witness's Printed Name

12/5/12
Date


Huiliang Zhang

12/5/2012
Date


Witness

DAVID GLENN
Witness's Printed Name