

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2680188

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>ALEXI ARANGO</td> <td>04/14/2010</td> </tr> <tr> <td>VLADIMIR BULOVIĆ</td> <td>04/14/2010</td> </tr> <tr> <td>VANESSA WOOD</td> <td>11/12/2010</td> </tr> <tr> <td>MOUNGI G. BAWENDI</td> <td>12/07/2010</td> </tr> </tbody> </table>		Name	Execution Date	ALEXI ARANGO	04/14/2010	VLADIMIR BULOVIĆ	04/14/2010	VANESSA WOOD	11/12/2010	MOUNGI G. BAWENDI	12/07/2010
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Massachusetts Institute of Technology</td> </tr> <tr> <td>Street Address:</td> <td>77 Massachusetts Avenue</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02142</td> </tr> </table>		Name:	Massachusetts Institute of Technology	Street Address:	77 Massachusetts Avenue	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02142
Name:	Massachusetts Institute of Technology										
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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>14015301</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14015301						
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Application Number:	14015301										
CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	14952.0359 C1										
NAME OF SUBMITTER:	KRISTEN M. WILLIAMS										
Signature:	/Kristen M. Williams/										

Date:

01/14/2014

Total Attachments: 5

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ASSIGNMENT

For valuable consideration, we, Alexi ARANGO, of Somerville, MA; Vladimir BULOVIC, of Lexington, MA; Vanessa WOOD; of Cambridge, MA; and Moungi G. BAWENDI, of Cambridge, MA; hereby assign to: Massachusetts Institute of Technology, a corporation of Massachusetts, having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02139; its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of applications for United States Patent signed by us, entitled PHOTOVOLTAIC DEVICE INCLUDING SEMICONDUCTOR NANOCRYSTALS, filed December 23, 2009, and assigned U.S. Application Number 12/666,623, and we authorize and request the attorneys appointed in said applications to hereafter complete these assignments by inserting above the filing date and serial number of said applications when known; these assignments including said applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully these assignments.

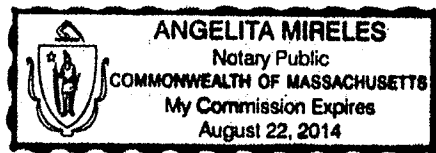
IN WITNESS WHEREOF, I hereto set my hand and seal at CAMBRIDGE MA.
this 14 day of APRIL, 20 10
Alexi Arango L.S.
Alexi ARANGO

State of Massachusetts :
: SS.
County of Middlesex :

Before me this 14 day of April, 20 10, personally
appeared Alexi ARANGO known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he/she executed the same as his/her free act and
deed for the purposes therein contained.

Angelita Mireles
Notary Public
My Commission Expires: August 22, 2014

[Notary's Seal Here]



IN WITNESS WHEREOF, I hereto set my hand and seal at CAMBRIDGE, MA,
this 14 day of APRIL, 20 10

Vladimir BULOVIC L.S.

State of Massachusetts :

: SS.

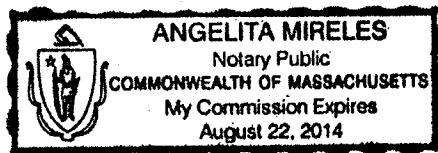
County of Middlesex :

Before me this 14 day of April, 20 10, personally
appeared Vladimir BULOVIC known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he/she executed the same as his/her free act and
deed for the purposes therein contained.

Angelita Mireles
Notary Public

My Commission Expires:

[Notary's Seal Here]

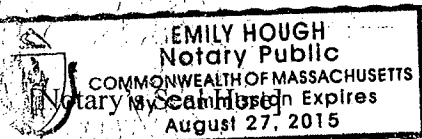


IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge MA,
this 12 day of November, 20 10
Vanessa WOOD L.S.

State of Massachusetts :
: ss.

County of Middlesex :

Before me this 12th day of November, 20 10, personally
appeared Vanessa WOOD known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he/she executed the same as his/her free act and
deed for the purposes therein contained.



[Signature]
Notary Public

My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge, MA, USA,
this 7th day of December, 2010
M. And. L.S.
Moungi G. BAWENDI

State of Massachusetts:

: ss.

County of Middlesex :

Before me this 7th day of Dec., 2010, personally
appeared Moungi G. BAWENDI known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he/she executed the same as his/her free act and
deed for the purposes therein contained.

Li Miao
Notary Public

My Commission Expires:

[Notary's Seal Here]

