

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Sungjee Kim</td> <td>01/05/2004</td> </tr> <tr> <td>Moungi G. Bawendi</td> <td>01/05/2004</td> </tr> </tbody> </table>		Name	Execution Date	Sungjee Kim	01/05/2004	Moungi G. Bawendi	01/05/2004				
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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
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CORRESPONDENCE DATA											
<p>Fax Number: 2024293902 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (202) 429-3000 Email: mfreeman@steptoe.com Correspondent Name: Harold H. Fox Address Line 1: 1330 Connecticut Ave., NW Address Line 4: Washington, DISTRICT OF COLUMBIA 20036</p>											
ATTORNEY DOCKET NUMBER:	14952.0313 C3										
NAME OF SUBMITTER:	Monica J. Freeman										
<p>Total Attachments: 3 source=313asst#page1.tif source=313asst#page2.tif source=313asst#page3.tif</p>											

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ASSIGNMENT

For valuable consideration, we, SUNGJEE KIM of 100 Memorial Drive 2-15A,
Cambridge, MA 02142, MOUNGI G. BAWENDI of 263 Commonwealth Ave. #5, Boston, MA
02116, hereby assign to: Massachusetts Institute of Technology, a corporation of Massachusetts
having a place of business at Cambridge, Massachusetts, 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 an application for United States Patent signed
by us, entitled SEMICONDUCTOR NANOCRYSTAL HETEROSTRUCTURES, filed August
12, 2003, and assigned U.S. Serial Number 10/638,546, and we authorize and request the
attorneys appointed in said application to hereafter complete this assignment by inserting above
the filing date and serial number of said application when known; this assignment including said
application, 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 application 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 this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge, Massachusetts
this 5th day of January, 2004

[Signature] L.S.
SUNGJEE KIM

State of Massachusetts :

: ss.

County of Middlesex :

Before me this 5th day of January, 2004, personally
appeared SUNGJEE KIM known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

[Signature]
Notary Public

My Commission Expires: March 14, 2008

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge, Massachusetts,
this 5th day of January, 2004
M. G. Bawendi L.S.
MOUNGI G. BAWENDI

State of Massachusetts :
: ss.

County of Middlesex :

Before me this 5th day of January, 2004, personally
appeared MOUNGI G. BAWENDI known to me to be the person whose name is subscribed to
the foregoing Assignment and acknowledged that he executed the same as his free act and deed
for the purposes therein contained.

[Signature]
Notary Public

My Commission Expires: March 14, 2008

[Notary's Seal Here]

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