

05-08-2000

Substitute Form PTO-1595  
Attorney Docket No.: 01997-273002  
Client's Ref. No.: MIT 7772

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**PATENTS ONLY**

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Assistant Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Moungi G. Bawendi, Frederic V. Mikulec, and Vikram C. Sundar Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02139 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: Moungi G. Bawendi--04/11/00; Frederic V. Mikulec--02/16/00; Vikram C. Sundar--04/11/00	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 09/397,436 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: ERIC L. PRAHL Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
05/08/2000 BCONTES 00000272 09397436 01 FC:501 40.00 DP	
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>	
Y. Rocky Tsao Reg. No. 34,053 Name of Person Signing	 Signature 4-13-00 Date
Total number of pages including coversheet, attachments and document: 7	

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**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

April 13, 2000  
Date of Deposit  
  
Signature  
Megan O'Meara  
Typed Name of Person Signing Certificate

**PATENT**  
**REEL: 010759 FRAME: 0275**

## ASSIGNMENT

For valuable consideration, we, Moungi G. Bawendi of Boston, Massachusetts; Frederic V. Mikulec of La Jolla, California and Vikram C. Sundar of Stoneham, Massachusetts, hereby assign to Massachusetts Institute of Technology, a Massachusetts corporation having a place of business at: 77 Massachusetts Avenue, Cambridge, MA 02139, and 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 this day, entitled BIOLOGICAL APPLICATIONS OF QUANTUM DOTS, filed September 17, 1999, and assigned U.S. Serial Number 09/397,436, 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, MA  
this 11 day April of, 2000  
Moungi G. Bawendi L.S.

State of Massachusetts :  
: ss.  
County of Middlesex :

Before me this 11 day of April, 2000, 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.

Deborah Burke  
Notary Public  
My Commission Expires:

[Notary's Seal Here]

**Deborah Burke**  
**My Comm. Exp**  
**7/2/2004**

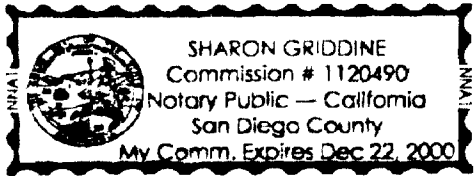
IN WITNESS WHEREOF, I hereto set my hand and seal at LA JOLLA,  
this 16<sup>TH</sup> day FEBRUARY of, 2000

Frederic Mikulec \_\_\_\_\_ L.S.  
Frederic Mikulec

State of California :  
: ss.

County of San Diego :

Before me this 16<sup>th</sup> day of February, 2000, personally appeared  
Frederic Mikulec 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.



Sharon Griddine  
\_\_\_\_\_  
Notary Public  
My Commission Expires: 12/22/00

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge, MA  
this 11 day April of, 2000  
Vikram C. Sundar L.S.

State of Massachusetts:  
: ss.  
County of Middlesex :

Before me this 11 day of April, 2000, personally appeared  
Vikram C. Sundar 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.

Deborah Burke  
Notary Public  
My Commission Expires:

[Notary's Seal Here]

**Deborah Burke**  
**My Comm. Exp**  
**7/2/2004**

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