

RECORDATION FORM COVER SHEET

08-22-2007



Our Ref.: GRT-4052-316

PATENTS ONLY

103438353

To the Director of the U.S. Patent and Trademark Office: Please record the attached original.

<p>1. Name of conveying party(ies):</p> <p>1 Francisco M. RAYMO 5</p> <p>2 Massimiliano TOMASULO 6</p> <p>3 Ibrahim YILDIZ 7</p> <p>4 8</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: August 1, 2007; August 1, 2007; and August 1, 2007</p>	<p>2. Name and address of receiving party(ies):</p> <p>1) Name: THE UNIVERSITY OF MIAMI Street Address: 1600 N.W. 10<sup>th</sup> Avenue City: Miami State/Country: Florida Zip: 33156</p> <p>2) Name _____ Street Address: _____ City: _____ State: _____ Zip: _____</p> <p>Additional name/s &amp; address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
--	---

<p>4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application.</p> <p>A. Patent Application No(s). (1) PCT/US2007/015636 (2) (3)</p>	<p>B. Patent No(s). (1) (2) (3)</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
---	--

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Gary R. Tanigawa</p> <p>Internal Address: _____</p> <p>Street Address: Nixon &amp; Vanderhye P.C. 901 North Glebe Road 11th Floor City: Arlington State: VA Zip: 22203</p>	<p>6. Total number of applications &amp; patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our <b>Account No. 14-1140.</b></p>
--	---

DO NOT USE THIS SPACE

9. Statements and signature.  
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.

Gary R. Tanigawa \_\_\_\_\_ August 17, 2007  
Name of Person Signing \_\_\_\_\_ Signature \_\_\_\_\_ Date  
Reg. No. 43,180

Total number of pages including **original** cover sheet, attachments, and document: [4]

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

08/21/2007 DBYRNE 00000121 PCT/US2007/015636  
40.00 OP  
01 FC:8021

**ASSIGNMENT OF PATENT APPLICATION**  
**(All Rights)**

WHEREAS Francisco M. RAYMO, Massimiliano TOMASULO, and Ibrahim YILDIZ (hereinafter the ASSIGNORS) have made an invention entitled "MECHANISM TO SIGNAL RECEPTOR-LIGAND INTERACTIONS WITH LUMINESCENT QUANTUM DOTS" for which an application for Letters Patent was filed on July 9, 2007 in the U.S. Receiving Office as Application No. PCT/US2007/015636, which claims priority benefit of provisional U.S. Application No. 60/818,964 filed on July 7, 2006;

AND WHEREAS The University of Miami (hereinafter the ASSIGNEE), a private educational institution duly organized and existing under the laws of the State of Florida and having an office and place of business at 1600 N.W. 10<sup>th</sup> Avenue, Miami, Florida 33156, desires to acquire an interest therein;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and consistent with ASSIGNORS' obligations and rights set out in the University of Miami Patent & Copyright Policy found in the University of Miami Faculty Manual, the Policies and Procedures Manual, the Graduate Studies Bulletin, or the Undergraduate Studies Bulletin, ASSIGNORS hereby sell, assign, and transfer unto the ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title, and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the application and to all subsequent applications based thereon including any national stage, continuation, division, renewal, substitute, reissue, or reexamination, including legal equivalents thereof, and any Letters Patent resulting therefrom, together with the right of priority under the International Convention for the Protection of Industrial Property, the

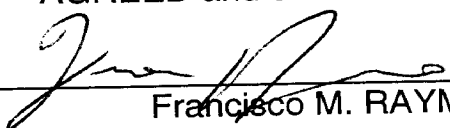
Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres; and ASSIGNORS hereby authorize and request the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives.

ASSIGNORS hereby agree to execute any papers which are deemed essential by ASSIGNEE, its successors, assigns, and legal representatives, to ASSIGNEE'S full protection and title in and to the invention hereby assigned.

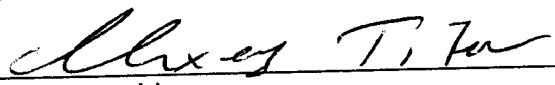
ASSIGNORS hereby agree, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing of patent applications and the granting of patents in the United States of America and all foreign countries and the perfecting of title thereto in ASSIGNEE, its successors, assigns, and legal representatives.

It is understood by ASSIGNORS that the attorneys of Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

AGREED and executed as noted below:

  
 \_\_\_\_\_  
 Francisco M. RAYMO

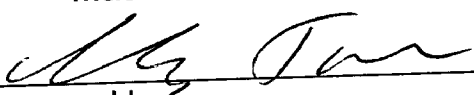
08/01/07  
 \_\_\_\_\_  
 Date

  
 \_\_\_\_\_  
 Witnessed by:

8-1-2007  
 \_\_\_\_\_  
 Date

  
 \_\_\_\_\_  
 Massimiliano TOMASULO

8-1-2007  
 \_\_\_\_\_  
 Date

  
 \_\_\_\_\_  
 Witnessed by:

8-1-2007  
 \_\_\_\_\_  
 Date

*Ibrahim Yildiz*

Ibrahim YILDIZ

*08/01/07*

Date

*Aliy Tur*

Witnessed by:

*8-1-2007*

Date