

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RONALD J. GRAHAM	11/02/2005
RUIMING ZOU	11/02/2005
KRISHNA G. UPADHYA	11/02/2005
SCOTT C. BENSON	11/02/2005
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APPLERA CORPORATION
<b>Street Address:</b>	850 LINCOLN CENTRE DRIVE
<b>City:</b>	FOSTER CITY
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94404
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13165575
<b>Patent Number:</b>	7985602
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(760)476-6048
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	512-721-3742
<b>Email:</b>	tracy.sauers@lifetech.com
<b>Correspondent Name:</b>	TRACY SAUERS
<b>Address Line 1:</b>	LIFE TECHNOLOGIES CORPORATION
<b>Address Line 2:</b>	5791 VAN ALLEN WAY
<b>Address Line 4:</b>	CARLSBAD, CALIFORNIA 92008
<b>ATTORNEY DOCKET NUMBER:</b>	5290-C2 US
<b>NAME OF SUBMITTER:</b>	TRACY SAUERS
<b>SIGNATURE:</b>	/Tracy Sauers/
<b>DATE SIGNED:</b>	03/21/2014
<b>Total Attachments: 5</b>	
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**ASSIGNMENT**

For good and valuable consideration paid to us, receipt of which is hereby acknowledged, we each:

9821 Del Mar Drive *RG Nov 2, 2005*  
 Ronald J. Graham, ~~115 Enchanted Way~~, San Ramon, CA 94583, Citizenship: United States;  
 Ruiming Zou, 1257 Martinique Lane, Foster City, CA 94404, Citizenship: United States;  
 Krishna G. Upadhyaya, 4437 Holt Place, Union City, CA 94587, Citizenship: United States; and  
 Scott C. Benson, 1723 Clinton Avenue, Alameda, CA 94501, Citizenship: United States

do hereby sell, assign, and set over unto

**Applera Corporation**

a Delaware corporation having a place of business at 850 Lincoln Centre Drive, Foster City, California 94404 (hereinafter "Assignee"), its successors, legal representatives and assigns, each of our entire right, title, and interest in and to any and all of our inventions and discoveries entitled:

**Fluorescent Dye Compounds, Conjugates and Uses Thereof**

as described and/or claimed in our United States patent application, having an oath or declaration fully executed by us and, subsequently assigned Serial Number 11/229,012 and filing date of September 16, 2005 by the United States Patent and Trademark Office; in and to the right to file patent applications in the name of Assignee, its designee, in all of our names, or in any other name or names, on the aforesaid inventions and discoveries in any or all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified United States patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models, and under any other international arrangement to which the United States now is or hereafter becomes a signatory; in and to any and all applications for Letters Patent, and any and all Letters Patent that issue on any of the aforesaid applications, and in and to any and all divisions, continuations, and continuations-in-part of any and all of said applications, and any and all reissues, renewals and extensions of any of said Letters Patent, such that the same right, title and interest to be held and enjoyed by Assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, shall be as full and complete as that that would have been held and enjoyed by us if this assignment and sale had not been made.

We further hereby covenant and agree, for the same consideration, whenever counsel of Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with said invention, or said application for Letters Patent, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable to sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

We hereby authorize Assignee to insert in this instrument the serial number and filing date of said application when officially notified thereof.

Name of inventor: Ronald J. Graham

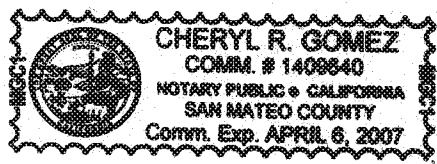
Inventor's signature [Signature]

Date: Nov, 2, 2005

State of California )  
   ) ss.  
County of San Mateo )

On November 2, 2005 before me, Cheryl Gomez, personally appeared Ronald Graham, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~s~~), and that by his/~~her/their~~ signature on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]  
Notary Public

Name of inventor: Ruiming Zou

Inventor's signature \_\_\_\_\_ *R. Zou* \_\_\_\_\_

Date: Nov. 2, 2005

State of California     )  
  ) ss.  
County of San Mateo    )

On November 2, 2005 before me, Cheryl Gomez, personally appeared Ruiming Zou, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.



*Cheryl R. Gomez*  
Notary Public

Name of inventor: **Krishna G. Upadhya,**

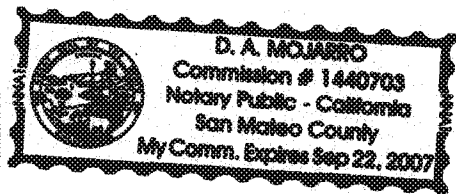
Inventor's signature \_\_\_\_\_ Upadhya \_\_\_\_\_

Date: NOV. 2, 2005

State of California     )  
                                      ) ss.  
County of San Mateo    )

On November 2nd, 2005 before me, D. A. MOJARRO, personally appeared Krishna Upadhya, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



D. A. MOJARRO  
Notary Public

Name of inventor: Scott C. Benson

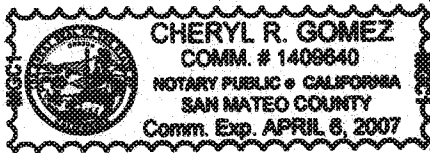
Inventor's signature Scott C. Benson

Date: Nov 2, 2005

State of California )  
  ) ss.  
County of San Mateo )

On November 2, 2005 before me, Cheryl R. Gomez, Notary Public, personally appeared Scott Benson, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~/~~they~~ executed the same in his/~~her~~/~~their~~ authorized capacity(~~ies~~), and that by his/~~her~~/~~their~~ signature on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal.



Cheryl R. Gomez  
Notary Public