

3/31/05

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Form PTO-1595 (Rev. 03/01)

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)



Case No: 469711

To the Honorable Commissioner of Patents

102981733

original document(s) or copy(ies) thereof

1. Name of conveying party(ies):

Mark F. Oldham, Richard T. Reel, Steven J. Boege

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):

Name: Applera Corporation

Internal Address: Applied Biosystems Group

Street Address: 850 Lincoln Centre Drive

City: Foster City State: CA ZIP: 94404-1128

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other: \_\_\_\_\_

Execution Date: March 31, 2005, March 30, 2005

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: March 31, 2005

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Phil N. Makrogiannis  
Applied Biosystems Group  
850 Lincoln Centre Drive  
Foster City, California 94404-1128

Telephone: 650-570-6667

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed

Authorized to be charged to deposit account

Authorization to charge additional fees.

8. Deposit account number:

01-2213

(Attached duplicate copy of this page if paying by deposit account)

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9. Statement 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.

Phil N. Makrogiannis, Reg. No. 47,766

Name of Person Signing

Signature

31 MAR 2005

Date

Total number of pages comprising cover sheet, attachments and document: 5

Mail documents to be recorded with required cover sheet information to: Mail Stop Assignments, Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT REEL: 016452 FRAME: 0731

**ASSIGNMENT**

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

**Mark F. Oldham, 16500 Soda Springs Road, Los Gatos, CA 95033, Citizenship: US**  
**Richard T. Reel, 21630 Western Blvd., Hayward, CA 94541-2451, Citizenship: US**  
**Steven J. Boege, 230 West 40<sup>th</sup> Avenue, San Mateo, CA 94403, Citizenship: US**

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:

**LENS ASSEMBLY FOR BIOLOGICAL TESTING**

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 \_\_\_\_\_ and filing date of \_\_\_\_\_ 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: **Mark F. Oldham**

Inventor's signature *Mark F. Oldham* Date: 3/31/05

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

On March 31, 2005 before me, Cheryl R. Gomez, Notary Public, personally appeared Mark Oldham, 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 executed the same in his authorized capacity(~~ies~~), and that by his 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: **Richard T. Reel**

Inventor's signature *Richard T. Reel*

Date: 3/31/05

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

On March 31, 2005 before me, Cheryl R. Gomez, Notary Public, personally appeared Richard T. Reel, 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 executed the same in his authorized capacity(~~s~~), and that by his 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



**LIMITED AUTHORIZATION TO ACT ON BEHALF OF ASSIGNEE  
REGARDING CERTAIN PATENT AND TRADEMARK MATTERS**

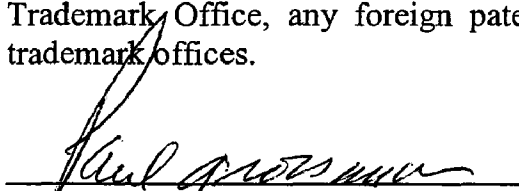
**EFFECTIVE THROUGH: December 31, 2006**

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I, Paul D. Grossman, as Assistant Secretary of Applera Corporation ("Applera"), hereby authorize the following patent attorneys:

- Scott R. Bortner, Reg. No. 34,298
- John W. Burns, Reg. No. 43,520
- Jeffery D. Frazier, Reg. No. 34,601
- Brian D. Gildea, Reg. No. 39,995
- Andrew T. Karnakis, Reg. No. 27,909
- Phil N. Makrogiannis, Reg. No. 47,766
- Vincent M. Powers, Reg. No. 36,246

(1) to act on behalf of Applera, with regard to any matters before the United States Patent and Trademark Office, any foreign patent or trademark offices, and any international patent or trademark entities, (2) to execute power of attorney documents on behalf of Applera, to appoint and/or establish any attorneys, agents, and/or law firms to act on behalf of Applera, in any foreign or international patent or trademark applications filed with any foreign and/or international patent or trademark offices, and (3) to execute assignment and ownership documents on behalf of Applera, with regard to any matters before the United States Patent and Trademark Office, any foreign patent or trademark offices, and any international patent or trademark offices.


  
 Paul D. Grossman  
 Assistant Secretary,  
 Applera Corporation

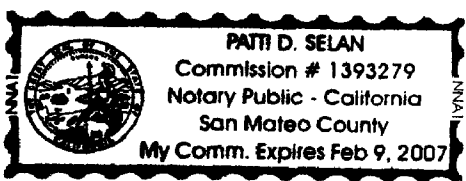
3/26/04  
 Date

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

On March 26, 2004 before me, Patti D. Selan, personally appeared Paul D. Grossman, 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 executed the same in his authorized capacity(ies), and that by his 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.

  
 Notary Public



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