

Form PTO-1595  
(Rev. 03/01)**RECORDATION FORM COVER SHEET  
PATENTS ONLY**U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

**Case No: 5176 US**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

**1. Name of conveying party(ies):**Mark R. Andersen;  
Jer-Kang Chen;  
Michael W. Hunkapiller and  
Steven M. MenchenAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**2. Name and address of receiving party(ies):**Name: Applera CorporationInternal Address: Applied Biosystems GroupStreet Address: 850 Lincoln Centre DriveCity: Foster City State: CA ZIP: 94404-1128Additional name(s) & address(es) attached? ☐ Yes ☒ No**3. Nature of conveyance:**☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_Execution Dates: 7/20/05; 7/22/05; 7/20/05;  
7/25/05, respectively**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:

A. Patent Application No.(s) 11/119,985, filed Ma7, 2, 2005

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address of party to whom correspondence concerning document should be mailed:**Deborah Mojarro  
Applied Biosystems Legal Dept.  
850 Lincoln Centre Drive M/S 432-2  
Foster City, California 94404-1128

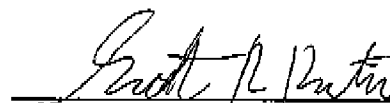
Telephone: 650-554-3425

**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)

**DO NOT USE THIS SPACE****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.*Scott R. Bortner, Reg. No. 34,298

Name of Person Signing



Signature

July 25, 2005

Date

Total number of pages comprising cover sheet, attachments and document: 12Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

Case No. 5176 US

**ASSIGNMENT**

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

**Mark R. Andersen, 6665 Curlew Terrace, Carlsbad, California 92011, a US citizen;**  
**Jer-Kang Chen, 882 Ames Avenue, Palo Alto, CA 94303, a US citizen;**  
**Michael W. Hunkapiller, 1333 Pebble Drive, San Carlos, CA 94070, a US citizen; and**  
**Steven M. Menchen, 768 Vanda Way, Fremont, CA 94536, a US citizen**

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 (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:

**METHODS AND KITS FOR METHYLATION DETECTION**

as described and/or claimed in our United States patent application, having an oath or declaration fully executed by us and, subsequently assigned Application Serial Number 11/119,985 and filing date of May 2, 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.

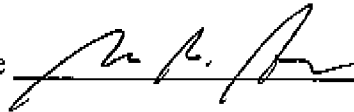
We further hereby covenant and agree, for the same consideration, whenever counsel of Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection 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.

Case No. 5176 US

Name of inventor: **Mark R. Andersen**

Inventor's signature

Date: July 20, 2005.

State of California )

) ss.

County of )

On July 20, 2005 before me, Connie L. Miller, Notary Public, personally appeared Mark Andersen, ~~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.



  
Notary Public

Case No. 5176 US

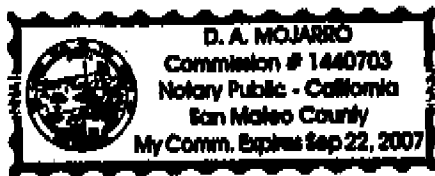
Name of inventor: **Jer-Kang Chen**

Inventor's signature Shi-Kang Chen Date: 072205

[illegible]

On July 22, 2005 before me, D.A. MOJARRO, notary public, personally appeared Jer-Kang Chen, 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.



Sam Zam  
Notary Public

**Case No. 5176 US**Name of inventor: **Michael W. Hunkapiller**

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

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

On \_\_\_\_\_, 2005 before me, \_\_\_\_\_,  
personally appeared \_\_\_\_\_, 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.

\_\_\_\_\_  
Notary Public

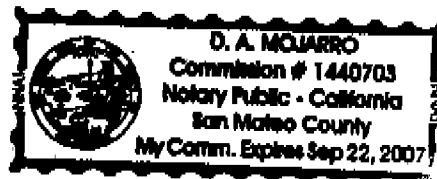
Case No. 5176 US

Name of inventor: **Steven M. Menchen**Inventor's signature Steven M. Menchen Date: 7/25/05

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

On July 25, 2005 before me, D. A. Mojarro, notary public,  
personally appeared Steven M. Menchen, 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

Case No. 5176 US

**ASSIGNMENT**

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

**Mark R. Andersen, 6665 Curlew Terrace, Carlsbad, California 92011, a US citizen;**  
**Jer-Kang Chen, 882 Ames Avenue, Palo Alto, CA 94303, a US citizen;**  
**Michael W. Hunkapiller, 1333 Pebble Drive, San Carlos, CA 94070, a US citizen; and**  
**Steven M. Menchen, 768 Vanda Way, Fremont, CA 94536, a US citizen**

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**Applera Corporation**

a Delaware corporation having a place of business at 850 Lincoln Centre Drive, Foster City, California (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:

**METHODS AND KITS FOR METHYLATION DETECTION**

as described and/or claimed in our United States patent application, having an oath or declaration fully executed by us and, subsequently assigned Application Serial Number 11/119,985 and filing date of May 2, 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.

**Case No. 5176 US**Name of inventor: **Mark R. Andersen**

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

State of California     )  
                                  ) ss.  
County of                 )

On \_\_\_\_\_, 2005 before me, \_\_\_\_\_,  
personally appeared \_\_\_\_\_, 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.

\_\_\_\_\_  
Notary Public



**Case No. 5176 US**Name of inventor: **Jer-Kang Chen**

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

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

On \_\_\_\_\_, 2005 before me, \_\_\_\_\_,  
personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of  
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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

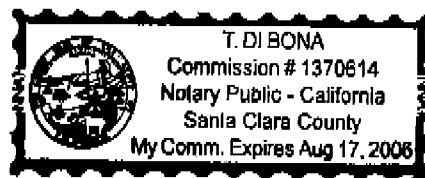
Case No. 5176 US

Name of inventor: **Michael W. Hunkapiller**Inventor's signature Michael W. Hunkapiller Date: 7/20/05

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

On July 20, 2005 before me, Tony D. Bona  
Michael W. Hunkapiller, personally appeared Michael W. Hunkapiller, 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.



T. Bona  
Notary Public

**Case No. 5176 US**Name of inventor: **Steven M. Menchen**

Inventor's signature \_\_\_\_\_ Date: \_\_\_\_\_

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

On \_\_\_\_\_, 2005 before me, \_\_\_\_\_,  
personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of  
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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