Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Yafei Liu | 02/05/2006 |
| Haley O. Fiske | 02/06/2006 |
| Steven M. Menchen | 02/09/2006 |

RECEIVING PARTY DATA

| Name: | Applera Corporation |
|-------------------|--------------------------|
| Street Address: | 850 Lincoln Centre Drive |
| Internal Address: | Applied Biosystems Group |
| City: | Foster City |
| State/Country: | CALIFORNIA |
| Postal Code: | 94404 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11270325 |

CORRESPONDENCE DATA

Fax Number: (650)638-6677

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 1-650-638-6308

Email: bowendk@appliedbiosystems.com

Debra K. Bowen Correspondent Name:

Address Line 1: 850 Lincoln Centre Drive Address Line 2: Applied Biosystems Group Foster City, CALIFORNIA 94404 Address Line 4:

ATTORNEY DOCKET NUMBER: 5577US

NAME OF SUBMITTER: Debra K. Bowen

> **PATENT REEL: 017197 FRAME: 0292**

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Total Attachments: 8
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ASSIGNMENT

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

| Yafei Liu | of | Xicheng District, Andeli N. Road, Building 6, 5 | Citizenship | US | ; |
|-------------------|----|---|-------------|----|---|
| | | Unit, Room 3 Beijing, China 100011 | - | | |
| Haley O. Fiske | of | 1007 Fassler Avenue, Pacifica, CA 94044 | Citizenship | US | ; |
| Steven M. Menchen | of | 768 Vanda Way, Fremont, CA 94536 | 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:

BISULFITE CONVERSION REAGENT

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 11/270,325 and filing date of November 8, 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: YAFEI LIU | |
|-----------------------------|-------|
| Inventor's signature | Date: |
| Witness: | Date: |
| Witness: | Date: |

-2-

| Name of inventor: HALEY O. FISKE |
|---|
| Inventor's signature Date: Feb 6, 2006 |
| State of California) |
|) SS. |
| County of San Mateo) |
| On Fibruary 6, 2006 before me, Chery H. Gower, Notary Public personally appeared, HALEY O. FISKE 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 Publicy R. Sorre

| Name of inventor: STEVEN N | A. MENCHEN | α | | | |
|---|---|---|------------------------------|-----------------------------------|----------------------------------|
| Inventor's signature | we hen | <u>l</u> | D | eate: Fch. | 9, 2006 |
| State of California |)) ss. | | | | |
| County of San Mateo |) | | | | |
| On February 9, personally appeared, me (or proved to me on the ba within instrument and acknow capacity(ies), and that by his/h which the person(s) acted, exe WITNESS my hand and offici | sis of satisfactory e rledged to me that er/their signature or cuted the instrumen | vidence) to be th he/she/they exec n the instrument | e person who uted the sam | se name is sub e in his/her/th | scribed to the eir authorized |
| Commissio Notary Publ San Mat | I. KASAN n # 1505699 Ic - California Po County Hes Aug 3, 2008 | $\frac{9}{\text{Not}}$ | ary Public | Kapan | |

ASSIGNMENT

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

| Yafei Liu | of | Xicheng District, Andeli N. Road, Building 6, 5 | Citizenship | US | ; |
|-------------------|----|---|-------------|----|---|
| | | Unit, Room 3 Beijing, China 100011 | | | |
| Haley O. Fiske | of | 1007 Fassler Avenue, Pacifica, CA 94044 | Citizenship | US | ; |
| Steven M. Menchen | of | 768 Vanda Way, Fremont, CA 94536 | Citizenship | US | ; |

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BISULFITE CONVERSION REAGENT

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 11/270,325 and filing date of November 8, 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.

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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: YAFEI/LIU

Inventor's signature

Witness:

Witness:

Date: 2/5/2006

Date: 5 Feb, ob

Date: 5 Feb. 01

| Name of inventor: HALE | Y O. FISKE | | |
|--|--|---|--|
| Inventor's signature | | Date: | |
| State of California |)) ss. | | |
| State of California County of San Mateo |) ss.) | | |
| personally appeared, (or proved to me on the l within instrument and acl | HALEY O. FISKE basis of satisfactory evidence) knowledged to me that he/she/ his/her/their signature on the in | perso to be the person whose name is they executed the same in his/h astrument the person(s), or the en | nally known to me s subscribed to the her/their authorized |
| WITNESS my hand and c | official seal. | | |
| | | | |
| | | Notary Public | |

Case No. <u>5577</u>

| Name of inventor: STEV | EN M. MENCHEN | | |
|--|--|--|--|
| Inventor's signature | | Da | nte: |
| State of California |)) ss. | | |
| County of San Mateo |) | | |
| me (or proved to me on the within instrument and act | , 2006 before me, STEVEN M. MENCHE ne basis of satisfactory evider knowledged to me that he/sh his/her/their signature on the , executed the instrument. | nce) to be the person whos ne/they executed the same | se name is subscribed to the in his/her/their authorized |
| WITNESS my hand and o | official seal. | | |
| | | | |
| | | Notary Public | |

-4-**PATENT** 5577 US Assignment **RECORDED: 02/21/2006** REEL: 017197 FRAME: 0301