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United States Patent and Trademark Office

Case No. 5882 US

10/31/06

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
 Xunming Chen, Philip J. Savickas, Marvin L. Vestal

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: California
 Country: US Zip: 94404-1128
 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
 Execution Date(s) 08/31/06; 09/04/06; 10/02/06

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)
11/474,128 filed June 23, 2006
60/694,127 filed June 23, 2005

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
 Name: Hugh J. Pasika
 Internal Address: Applera Corporation, Applied Biosystems Group
 Street Address: 850 Lincoln Centre Drive
 City: Foster City
 State: California Zip: 94404-1128
 Phone Number: 650-554-2164
 Fax Number: 650-638-6677
 Email Address: pasikahj@appliedbiosystems.com

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
 Expiration Date _____

b. Deposit Account Number 01-2213
 Authorized User Name Debra K. Bowen

9. Signature: Debra K. Bowen Signature Date October 5, 2006

Name of Person Signing Debra K. Bowen

Total number of pages including cover sheet, attachments, and documents: 6

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, V.A. 22313-1450

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Box 2 (cont) **Names and Address of Receiving Party(ies)**

Name: MDS Inc.
Internal Address: MDS Sciex Division
Street Address: 71 Four Valley Drive
City: Concord, Ontario
Country: Canada
Zip: L4K 4V8

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PATENT
REEL: 018478 FRAME: 0057

ASSIGNMENT

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

Xunming Chen, 4 Reeves Road, Bedford, MA 01730 USA (US Citizen)
Philip J. Savickas, 19 Evergreen Drive, Franklin, MA 02038 (US Citizen)
Marvin L. Vestal, 66 Carter Drive, Framingham, MA 01701 (US Citizen)

do hereby sell, assign, and set over, an undivided fifty percent (50%) interest to each of the following;

Applera Corporation

a Delaware corporation having a place of business at 500 Old Connecticut Path, Framingham, MA 01701
and

MDS Inc.

doing business through its MDS Sciex Division of 71 Four Valley Drive, Concord, Ontario, Canada L4K 4V8

(hereinafter "Assignee"), their successors, legal representatives and assigns my entire right, title, and interest in and to any and all of my inventions and discoveries entitled:

METHODS AND SYSTEMS FOR MASS DEFECT FILTERING MASS SPECTROMETRY

as described and/or claimed in our United States patent application, assigned Serial Number 11/474,128 filed June 23, 2006, and which claims benefit of our United States provisional application, assigned Serial Number 60/694,127 filed June 23, 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.

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Name of inventor: Xunming Chen

Inventor's signature [Handwritten Signature] Date: 8/31/06

Commonwealth of Massachusetts)
) ss.
County of Middlesex)

On August 31, 2006 before me, Patricia E. Tocci, personally appeared Xunming 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.

[Handwritten Signature]
Notary Public
My Commission Expires 8/13/10

*COPY
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Name of inventor: Philip J. Savickas

Inventor's signature *Philip J. Savickas*

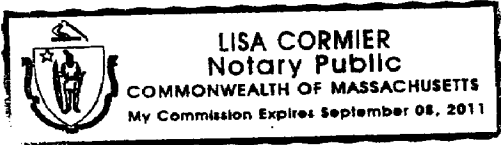
Date: sep. 4, 2006.

Commonwealth of Massachusetts)
) ss.
County of Middlesex)

On September 4, 2006 before me, Lisa Cormier, personally appeared Philip J. Savickas, 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.

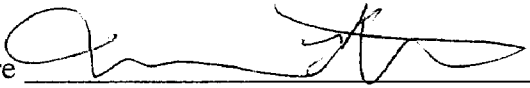
WITNESS my hand and official seal.

Lisa Cormier
Notary Public



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Name of inventor: Marvin L. Vestal

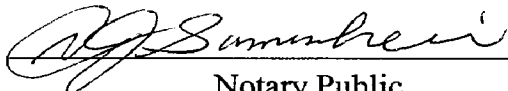
Inventor's signature 

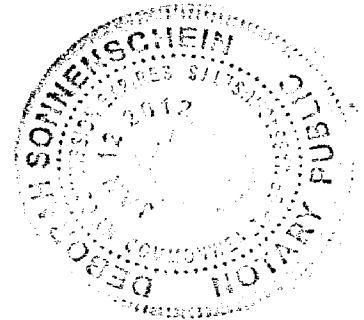
Date: 10/02/2006

Commonwealth of Massachusetts)
) ss.
County of Middlesex)

On October 2, _____, 2006 before me, Deborah Sonnenschein, personally appeared Marvin L. Vestal, 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
Deborah Sonnenschein



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