Form PTO-1595 RECORDATION FO (Rev. 10/02)	DRM COVER SHEET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
,	S ONLY Atty. Docket: 5121-5310-CIP-2 US
Tab settings ⇔⇔⇔	<u> </u>
To the honorable Commissioner of Patents and Trademarks	: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Xiongwei YAN Darryl J. PAPPIN Pau-Miau YUAN Sasi PILLAI Sylvia W. YUEN Helena HUANG Kuo-Liang HSI Subhasish Purkayastha Joe Y. LAM Krishna G. UPADHYA Subhakar DEY Additional name(s) of conveying party(ies) attached? Yes X No	Name and address of receiving party(ies) Name: APPLERA CORPORATION Internal Address:
3. Nature of conveyance:	
X Assignment	Street Address: 500 Old Connecticut Path
Other Execution Date: 03/23/2006, 03/23/2006, 03/24/2006, 03/29/2006, 03/24/2006, 03/23/2006, 03/24/2006, 03/31/2006, 03/24/2006 04/04/2006, 03/23/2006, respectively.	City: <u>Framingham</u> State: <u>MA</u> Zip: 01701 Additional name(s) & address(es) attached? Yes X No
Application_number(s) or patent number(s);	
If this document is being filed together with a new application, the	e execution date of the application is:
A. Patent Application No.(s) 12/618,452	B. Patent No.(s)
Additional numbers a	ttached? Yes X No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Leonard D. Bowersox, Esq.	
KILYK & BOWERSOX, P.L.L.C.	7. Total fee (37 CFR 3.41) \$ <u>40.00</u>
Internal Address:	Payment by credit card. Form PTO-2038 is attached.
Street Address: 3925 Chain Bridge Road, Suite D-401	Authorized to charge deposit account if any deficiencies in the above fee.
City: <u>Fairfax</u> State: <u>Virginia</u> Zip: <u>22030</u>	Deposit account number: 50-0925 (Attach duplicate copy of this page if paying by deposit account)
	E THIS SPACE
Statement and signature.	
To the best of my knowledge and belief, the foregoing in Is a true copy of the original document.	formation is true and correct and any attached copy
Leonard D. Bowersox (Reg. No. 33,226)	January 22, 2010
Name of Person Signing	Signature Date
Total number of pages including cover sheet	, attachments, and documents: 111 b required cover sheet information to:
Commissioner of Patents &	n required cover sheet intormation to: Trademarks: Box Assignments

n raterus & Trademarks, Box Assignments Washington, D.C. 20231

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (571) 273-0140 on January 22, 2010.

Name: Elizabeth Anastasio

PATENT

700427673 REEL: 023838 FRAME: 0439



Docket No. 2187.1004-005

Joint

ASSIGNMENT

WHEREAS, we, Xiongwei Yan, Pau-Miau Yuan, Sylvia W. Yuen, Kuo-Liang Hsi, Joe Y. Lam, Krishna G. Upadhya, Subhakar Dey, Darryl J. Pappin, Sasi Pillai, Helena Huang, and Subhasish Purkayastha, have invented a certain improvement in Mass Tags for Quantitative Analyses described in an application for Patent,

	(use for utility (37 CFR § 1.53(b)) and design filings only);
[]	is about to be filed in the United States Patent Office as a Provisional Application;
[X]	the specification of which is United States Application No. 11/355,904, filed February 15, 2006;
[].	the specification of which is a Patent Cooperation Treaty Application, International Application No. [], filed [:], which designates the United States of America [and assigned United States Application No. []];
[]	which was patented under United States Patent No. [].

the specification of which is about to be filed in the United States Patent Office

WHEREAS, Applera Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 500 Old Connecticut Path, Framingham, Massachusetts 01701 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

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Docket No. 2187.1004-005

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the

date set forth below. Inventor's Signature: Xiongwei Yan california State/Commonwealth California County of On this 23 rd day of march , before me, the undersigned notary public, personally appeared Xiongwei Yan, personally known to me, or proved to me through satisfactory evidence of identification, which was to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed. Notary Public (SEAL) (print name) MILA T. KASAN My Commission expires __8 /_3 Commission # 1505699 Notary Public - California San Maten County

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Docket No. 2187.1004-005

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State/Commonwealth			
of California		·	
County of San Ma	teo		
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(SEAL)		T. Kapan	Notary Public
MILA I KASAN Commission # 1505699		T. Kasan	(print name)
Natary Public - California San Mateo County	My Commission	on expires 8 /	<u>3 /2008</u>
My Comm. Expires Aug 3.2	008		200
Inventor's Signature:	Sylvie W	Maria	
		Sylvia W. Yi	len ,
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County of San Ma	ay of <u>MOVEL</u> appeared Sylvia W		_, before me, the undersign
On this 24th do notary public, personally personally known	ay of <u>MWCL</u> appeared Sylvia W to me, or	. Yuen,	
On this 24th do notary public, personally personally known	ay of <u>MWCL</u> appeared Sylvia W to me, or		
County of San Ma	ay of MUVIL appeared Sylvia W to me, or ugh satisfactory evi	. Yuen, dence of identificati	on, which was ment in my presence, and
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	Docket No. 2187.1004
Inventor's Signature:	La Har
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State/Germonwealth	Intoania
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	of March 2006, before me, the undersign
notary public, personally ap	peared Kuo-Liang Hsi,
personally known to	me, or
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proved to me through	h satisfactory evidence of identification, which was
to be the person whose nam acknowledged that be/she s	ne was signed on the foregoing instrument in my presence, and signed the foregoing instrument as his/her free act and deed.
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EBOIS BELISO	Notary Public
COMM. #1579907 NOTARY PUBLIC-CALIFORNIA RE	Joseph Boliso (print name)
COMM. #1679907 NOTARY PUBLIC CALIFORNIA REALIZATION AND ALAMEDA COUNTY My Comm. Exp. June 18, 2009	
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AAMEDA COUNTY My Comm. Exp. June 18, 2009 Inventor's Signature: State/Commonwealth of County of On this day notary public, personally a	My Commission expires 6 / 9 / 266 Joe Y. Lam y of, 20, before me, the undersign appeared Joe Y. Lam,
AAMEDA COUNTY My COMM. Ext. June 18, 2009 Inventor's Signature: State/Commonwealth of County of On thisday	My Commission expires 6 / 9 / 266 Joe Y. Lam y of, 20, before me, the undersign appeared Joe Y. Lam,
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Docket No. 2187.1004-005

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Inventor's Signature:		V I II-
State/Commonwealth		Kuo-Liang Hsi
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(SEAL)		Notary Public
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	My Commission ex	xpires//
Inventor's Signature:		2n
		Joe Y. Lam
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of <u>California</u>		
County of San Mate	<i>D</i>	-
On this 24th day notary public, personally ap	of <u>May Ch</u> opeared Joe Y. Lam,	, 20 06 , before me, the undersigned
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(SEAL)	_Pland 8	Notary Public
CHERYL R. GOMEZ	Cheve L R	Gomes (print name)
COMM: # 1409640 ROTARY PUBLIC - CALPOINIA SAM MATEO COUNTY	My Commission e	expires <u>4 / 6 / 200</u> 7

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inventor's Signature:	Mahyo	•	adhya
State/Commonwealth		Krishua G. Up	adhya
	T.		
of <u>California</u> County of <u>San</u> Ma			•
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to be the person whose na acknowledged that he/she			oment in my presence, and s <i>t</i> her free act and deed.
SEAL) MILAT KASAN Commission # 150569	ganla T	Kesan	Notary Public
Notary Public - Californi San Mateo County	ha 🐇 Mila	T. Kasan	(print name)
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Inventor's Signature:		Subhakar	-
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Inventor's Signature: State/Commonwealth of County of On thisd notary public, personally personally known	ay ofappeared Subhaka to me, or	Subhakar , 20	Dey, before me, the undersigne
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·	Docket No. 2187.1004-005
Inventor's Signature:	·
	Krishna G. Upadhya
State/Commonwealth	
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On this day of	20, before me, the undersigned
notary public, personally appeared Krishna	G. Upadhya,
personally known to me, or	
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(SEAL)	Notary Public
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My Commissi	on expires/
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Inventor's Signature:	Subhakar Dey
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On this and day of Man	, 20 0 before me, the undersigned
notary public, personally appeared Subhaka	нг Dey,
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(SEAL)	and and ocente Notary Public
	CA LUCENTE (print name)
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Docket No. 2187.1004-005 Inventor's Signature: Darryl J. Pappin State/Commonwealth County of , 20 O L, before me, the undersigned notary public, personally appeared Darryl J. Pappin, personally known to me, or proved to me through satisfactory evidence of identification, which was to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed. **Notary Public** (SEAL) (print name) tathea E. Tocci My Commission expires _ Inventor's Signature: State/Commonwealth County of $\underline{}$, 20 $\underline{\diamond}$ $\underline{\diamond}$, before me, the undersigned day of notary public, personally appeared Sasi Pillai, personally known to me, or proved to me through satisfactory evidence of identification, which was to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed. Notary Public (SEAL) (print name) My Commission expires

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Docket No. 2187,1004-005

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Inventor's Signature:	/ Le lance
-	Helena Huang>
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igne 18, 2011	My Commission expires 6 / 16 / 20 1/
Inventor's Signature:	
	Subhasish Purkayastha
State/Commonwealth	,
of	
County of	, 100
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notary public, personally	appeared Subhasish Purkayastha,
personally known	to me, or
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-7-Docket No. 2187.1004-005 Inventor's Signature: Helena Huang State/Commonwealth County of , before me, the undersigned .20 On this day of _ notary public, personally appeared Helena Huang, personally known to me, or proved to me through satisfactory evidence of identification, which was to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed. Notary Public (SEAL) (print name) My Commission expires Inventor's Signature: Subhasish Purkayastha State/Commonwealth County of day of March 2001, before me, the undersigned notary public, personally appeared Subhasish Purkayastha, personally known to me, or proved to me through satisfactory evidence of identification, which was to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed. Notary Public (SEAL) (print name) My Commission expires 8 / 12 / /b @PFDcsktcp\;:ODMA/MHODMA/HBSR05;iManage;609401;1

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