### 502643234 01/21/2014

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

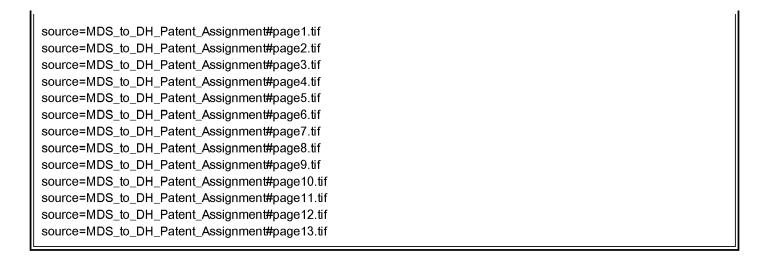
Date:

EPAS ID: PAT2689842

SUBMISSION TYPE	i:		NEW ASSIGNMENT						
NATURE OF CONV	EYANCE:		ASSIGNMENT						
CONVEYING PART	Y DATA								
Name Execution Date									
MDS INC.		•	valle	01/29/2010					
RECEIVING PARTY	DATA								
Name:	DH TECHNO	DLOGIE	ES DEVELOPMENT PTE. LTD.						
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Property	Туре		Number						
Application Number	r:	13294	1799						
Patent Number:		8525	107						
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Signature:			/RAYJONG/						
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Total Attachments: 13 PATENT 502643234 REEL: 032006 FRAME: 0560

01/21/2014



#### PATENT ASSIGNMENT

This **PATENT ASSIGNMENT** (the "Patent Assignment"), effective as of January 29, 2010 (the "Effective Date"), is made by MDS Inc., a company existing under the laws of Canada, located at 2810 Matheson Blvd. East, Suite 500 Mississauga, Ontario L4W 4V9 ("Assignor") in favor of DH Technologies Development Pte. Ltd., a limited liability company organized under the laws of Singapore, with a registered address at 80 Raffles Place #25-01, UOB Plaza, Singapore (048624) ("Assignee").

WHEREAS, Assignor and certain of its Affiliates, Assignee and Danaher Corporation are parties to that certain Stock and Asset Purchase Agreement, dated September 2, 2009 (the "Purchase Agreement"), pursuant to which Assignor has agreed to sell, assign, transfer, convey, and deliver to Assignee all of Assignor's right, title, and interest in and to certain assets, including, without limitation, the Assigned Patents (defined below).

**WHEREAS,** Assignor, Assignee, AB Sciex Pte. Ltd., AB Sciex LP have entered into that certain Business Transfer Agreement, dated January 29, 2010 (the "MDS BTA"), in furtherance of facilitating the transaction contemplated by the Purchase Agreement; and

WHEREAS, pursuant to the Purchase Agreement and MDS BTA, Assignor and Assignee have agreed to enter into this Patent Assignment.

**NOW, THEREFORE,** in consideration of the promises and covenants set forth in the Purchase Agreement and the MDS BTA and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

- 1. <u>Conveyance</u>. Assignor does hereby sell, assign, transfer, convey, and deliver to Assignee, free and clear of Encumbrances, other than Permitted Encumbrances, (as such terms are defined in the Purchase Agreement), all of Assignor's right, title and interest in, to and under the issued patents and patent applications listed on <u>Schedule A</u> and <u>Schedule B</u> (collectively, the "Assigned Patents"), including all reissues, divisions, continuations, continuations-in-part, revisions, reexaminations and extensions thereof, together with all rights to collect royalties, products and proceeds in connection with any of the foregoing, and all rights to sue and bring other claims for past, present and future infringement, misappropriation or other violation of any of the foregoing and all rights to recover damages (including attorney's fees and expenses) or lost profits in connection therewith.
- 2. <u>Recordation</u>. Assignor hereby requests the United States Patent and Trademark Office Commissioner for Patents and any other applicable governmental entity or registrar (including any applicable foreign or international office or registrar), to record Assignee as the assignee and owner of the Assigned Patents.

- 3. <u>Information and Assistance</u>. Upon Assignee's request, Assignor shall execute, acknowledge and deliver all such other instruments and documents and shall take all such other actions required to consummate and make fully effective the transaction contemplated by this Patent Assignment; provided that Assignee shall not be required to pay any further consideration or amounts therefor.
- 4. <u>Successors and Assigns</u>. This Patent Assignment and all the provisions hereof shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and permitted assigns and nothing herein express or implied shall give or be construed to give to any person, other than the parties hereto and such permitted assigns, any legal or equitable rights hereunder.
- 5. <u>Counterparts</u>. This Patent Assignment may be executed in two or more consecutive counterparts (including by facsimile), each of which shall be an original, with the same effect as if the signatures thereto and hereto were upon the same instrument, and shall become effective when one or more counterparts have been signed by each of the parties and delivered (by facsimile or otherwise) to the other parties.
- 6. <u>Section Headings</u>. The section headings contained in this Patent Assignment are for reference purposes only, and shall not in any way affect the meaning or interpretation of this Patent Assignment.
- 7. Purchase Agreement Controls. This Patent Assignment is provided pursuant to the Purchase Agreement, to which reference is made for a further statement of the rights and obligations of Assignor and Assignee with respect to the Assigned Patents. Nothing contained in this Patent Assignment shall be deemed to modify, supersede, enlarge or affect the rights of any person under the Purchase Agreement. If any provision of this Patent Assignment is inconsistent or conflicts with the Purchase Agreement, the Purchase Agreement shall control.
- 8. Governing Law. This Patent Assignment and all claims or causes of action (whether in contract, tort or otherwise) that may be based upon, arise out of or relate to this Patent Assignment or the negotiation, execution or performance of this Patent Assignment shall be governed by and construed in accordance with the internal laws of the State of New York, without giving effect to any choice or conflict of law provision or rule (other than Sections 5-1401 and 5-1402 of the New York General Obligations Law).

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned have caused this Patent Assignment to be executed as of the date first above written.

ASSIGNOR:
MDS Inc.
Name: Douglas S. Prince Title: Executive Vice President Finance Chief Financial Officer
Acknowledged and Accepted:
DH Technologies Development Pte. Ltd.
By: Name: Title:

[Signature page to MDS Inc. - DH Technologies Development Pte. Ltd. Patent Assignment.]

### **NOTARIAL CERTIFICATE**

CANADA	)
PROVINCE OF ONTARIO	)
CITY/COUNTY OF MISSISSAUGA	)

I, Peter E. Brent the undersigned Notary Public do hereby certify that Douglas S. Prince, Executive Vice-President, Finance & Chief Financial Officer of MDS Inc., a Canadian Corporation, who signed the foregoing Assignment document, was authorized on the 29<sup>th</sup> day of January, to execute the foregoing Assignment document on behalf of MDS Inc., and to me acknowledged that he did sign the said document.

Peter E. Brent, Notary Public

IN WITNESS WHEREOF, the undersigned have caused this Patent Assignment to be executed as of the date first above written.

ASSIGNOR:
MDS Inc.
Ву:
Name:
Title:
Acknowledged and Accepted:
DH Technologies Development Pte. Ltd.
By: Mame: Frank T. McFaden
Name: Frank 1. McFaden

Title: Director

[Signature page to MDS Inc. – DH Technologies Development Pte. Ltd. Patent Assignment.]

# NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA  STATE OF District of Columbia: ss.:  CITY/COUNTY OF)	
	undersigned Notary Public do hereby certify
hat, a	asof
DH Technologies Development Pte. Ltd., a limited	d liability company organized under the laws
of Singapore, who signed the foregoing Assignment	t document, was authorized on the 22 day
of January 2010, to execute the foregoing Assignment	nent document on behalf of DH Technologies
Development Pte. Ltd., and to me acknowledged the	at he/she did sign the said document.
	Notary Public
Janice A. Tyler Notary Public, District of Columbi My Commission Expires 3/14/2013	this 22 day of January, 2010
	My corn niesion excires March 14, 2013

# SCHEDULE A TO PATENT ASSIGNMENT

Patent Title	Country	Status	Serial No.	Filed Date	Patent No.	Issue Date
Label-free Method for Classification and Characterization of Cellular events	JP	Filed	2005-503785	1/13/2006		
Label-free Method for Classification and Characterization of Cellular events	CA	Filed	2,531,342	7/14/2003		
Label-free Method for Classification and Characterization of Cellular events	DE	Issued	1664765	7/14/2003	603 16 044.1-08	
Label-free Method for Classification and Characterization of Cellular events	GB	Filed	1664765	7/14/2003		
Label-free Method for Classification and Characterization of Cellular events	US	Filed	10/619,820	7/14/2003		
Label-free Method for Classification and Characterization of Cellular events	FR	Issued	03817382.9	7/14/2003	1664765	8/29/2007
Label-free Method for Classification and Characterization of Cellular events	US	Filed		7/14/2003		
Method & apparatus for detecting molecular binding events	EU	Filed	99904525.5	2/1/1999	0991938	6/30/2004
Method & apparatus for detecting molecular binding events	GB	Filed	9923039.3	2/1/1999		
Bio-assay device and test system for detecting molecular binding events	AU	Issued	24906/99	2/1/1999	745416	7/4/2002
Method & apparatus for detecting molecular binding events	JP	Filed	2000-529595	2/1/1999		
Bio-assay device and test system for detecting molecular binding events	CA	Issued	2,318,191	2/1/1999		1/15/2009
Bio-assay device and test system for detecting molecular binding events	US	Issued	09/243,194	2/1/1999	6,368,795	4/9/2002
Method and apparatus for detecting molecular binding events	US	Issued	09/365,578	8/2/1999	6338968	1/15/2002
Method and apparatus for detecting molecular binding events	CA	Issued		2/1/1999	2318191	5/5/2009
TEST SYSTEMS AND SENSORS FOR DETECTING MOLECULAR BINDING EVENTS	DE	Filed	60023711.7	7/27/2000		
TEST SYSTEMS AND SENSORS FOR DETECTING MOLECULAR BINDING EVENTS	AU	Filed	25723/01	7/27/2000	769226	5/6/2004
TEST SYSTEMS AND SENSORS FOR DETECTING MOLECULAR BINDING EVENTSV	JP	Filed	2001-523864	7/27/2000		
TEST SYSTEMS AND SENSORS FOR DETECTING MOLECULAR BINDING EVENTS	CA	Filed	2,379,102	7/27/2000		
TEST SYSTEMS AND SENSORS FOR DETECTING MOLECULAR BINDING EVENTS	GB	Filed	1206696	7/27/2000		
Bio-Assay Device	US	Issued	09/365,978	8/2/1999	6,485,905	11/26/2002

Patent Title	Country	Status	Serial No.	Filed Date	Patent No.	Issue Date
TEST SYSTEMS AND SENSORS FOR DETECTING MOLECULAR BINDING EVENTS	EU	Filed	00989179.7	7/27/2000	1,206,696	11/2/2005
System And Method For Detecting And Identifying Molecular Events In A Test Sample	JP	Filed	2001-530570	10/13/2000		
System And Method For Detecting And Identifying Molecular Events In A Test Sample	CA	Filed	2,386,193	10/13/2000		
System And Method For Detecting And Identifying Molecular Events In A Test Sample	US	Filed	09/687,456	10/13/2000		
System And Method For Detecting And Identifying Molecular Events In A Test Sample	EU	Filed	00970920.5	10/13/2000		
Detection of Ligan/Antiligan Complex Formation by Electromagnetically Detectable bulk Property Measurement	US	Issued	10/198,465	7/17/2002	7,011,948	3/14/2006
Pipette-Loaded Bioassay Assembly For Detecting Molecular or Cellular Events	US	Issued	09/880,746	6/12/2001	6,461,808	10/8/2002
Coplanar Waveguide Biosensor for Detecting Molecular or Cellular Events	US	Issued	10/226,794	8/23/2002	7,083,985	8/1/2006
Multiwell Sample Plate with Integrated Impedance Electrodes and Connection Scheme	GB	Filed	2435769	3/24/2006		
Multiwell Sample Plate with Integrated Impedance Electrodes and Connection Scheme	JP	Filed	20080504172	3/24/2006		
Multiwell Sample Plate with Integrated Impedance Electrodes and Connection Scheme	AU	Filed	2006229917	3/24/2006		
Multiwell Sample Plate with Integrated Impedance Electrodes and Connection Scheme	CA	Filed	2,588,447	3/24/2006		
Multiwell Sample Plate with Integrated Impedance Electrodes and Connection Scheme	DE	Filed	11200600074 3.2	3/24/2006		
Multiwell Sample Plate with Integrated Impedance Electrodes and Connection Scheme	US	Filed	11/091,065	3/28/2005		
Method & Apparatus for detection of molecular events using temperature control of detection environment	US	Filed	09/837,898	4/18/2001	6,627,461	9/30/2003

# SCHEDULE B TO PATENT ASSIGNMENT

<b>h.</b> 1		eu :	6.448	FOIL 2 75	D. 4	
Patent Title	Country	Status	Serial No.	Filed Date	Patent No.	Issue Date
A Method of Suppressing Unwanted Product Ions in Mass Spectrometry (Lindec)	JP	Issued	2002-589778	5/9/2002	4149816	7/4/2008
A Method of Suppressing Unwanted Product Ions in Mass Spectrometry (Lindec)	AU	Issued	2002302228	5/9/2002	2002302228	1/29/2008
A Method of Suppressing Unwanted Product Ions in Mass Spectrometry	CA	Filed	2,447,035	5/9/2002		
A Method of Suppressing Unwanted Product Ions in Mass Spectrometry (Lindec)	US	Issued	09/853,715	5/14/2001	6,627,912	9/30/2003
A Method of Suppressing Unwanted Product Ions in Mass Spectrometry	EU	Filed	02729688.8	5/9/2002		
Apparatus and Method for Liquid Sample Introduction	CA	Issued	2,062,629	3/10/1992	2,062,629	6/15/1999
Apparatus and Method for Liquid Sample Introduction	US	Issued	07/946,118	9/17/1992	5,345,079	9/6/1994
Bandpass Reactive Collision Cell	JP	Filed	2007-000160	6/2/1998	4285705	6/24/2009
Bandpass Reactive Collision Cell (DRC)	CA	Issued	2,292,487	6/2/1998	2,292,487	8/10/2004
Bandpass Reactive Collision Cell (DRC)	JP	Filed	11(1999)-501177	6/2/1998		
Bandpass Reactive Collision Cell	EU	Filed	09005708.4	6/2/1998		
Bandpass Reactive Collision Cell (DRC)	US	Issued	09/086,461	5/29/1998	6,140,638	10/31/2000
Method and Apparatus to Improve Temporal Response of Reaction/Collision Cells for Mass Spectrometry	JP	Filed	2002-570264	3/1/2002		
Controlling the temporal response of mass spectrometers for mass spectrometry	AU	Issued	2002238327	3/1/2002	2002238327	8/28/2006
Controlling the temporal response of mass spectrometers for mass spectrometry	CA	Filed	2,439,519	3/1/2002		
Method and Apparatus to Improve Temporal Response of Reaction/Collision Cells for Mass Spectrometry	US	Issued	09/796,609	3/2/2001	6,713,757	3/30/2004
Controlling the temporal response of mass spectrometers for mass spectrometry	EU	Filed	02704520.2-2208	3/1/2002		
Device and Method for Preventing Ion Source Gases From Entering Reaction/Collision Cells and Mass Analysis Sections of Mass Spectrometry Systems	JP	Filed	2002-524189	8/24/2001		

Patent Title	Country	Status	Serial No.	Filed Date	Patent No.	Issue Date
Device and Method for Preventing Gases From Entering Reaction/Collision Cells and Mass Analysis Sections of Mass Spectrometry Systems	CA	Notice of Allowance	2,317,085	8/30/2000		
Device and Method for Preventing Gases From Entering Reaction/Collision Cells and Mass Analysis Sections of Mass Spectrometry	US	Issued	11/020,088	12/23/2004	RE39,627	5/15/2007
Device and Method for Preventing Gases From Entering Reaction/Collision Cells and Mass Analysis Sections of Mass Spectrometry Systems	US	Issued	10/362,510	8/24/2001	6,815,667	9/11/2004
Device and Method for Preventing Ion Source Gases From Entering Reaction/Collision Cells and Mass Analysis Sections of Mass Spectrometry Systems	US	Issued	09/678,395	10/3/2000	6,630,665	10/7/2003
Device and Method for Preventing Ion Source Gases From Entering Reaction/Collision Cells and Mass Analysis Sections of Mass Spectrometry Systems	EU	Filed	01969098.1	8/24/2001		
Elemental Analysis of Tagged Biologically Active Materials (Immunoassay)	PC	Filed	PCT/CA2004/000 974	7/2/2004		
Elemental Analysis of Tagged Biologically Active Materials (Immunoassay)	JР	Issued	2002-554722	12/18/2001	4002832	8/24/2007
Elemental Analysis of Tagged Biologically Active Materials (Immunoassay)	AU	Issued	2002215784	12/18/2001	2002215784	2/21/2008
Elemental Analysis of Tagged Biologically Active Materials (Immunoassay)	CA	Filed	2,431,864	12/18/2001		
Elemental Analysis of Tagged Biologically Active Materials (Immunoassay)	DE	Filed	1348127	12/17/2008		
Elemental Analysis of Tagged Biologically Active Materials (Immunoassay)	FR	Filed	1348127	12/17/2008		
Elemental Analysis of Tagged Biologically Active Materials (Immunoassay)	GB	Filed	1348127	12/17/2008		
Elemental Analysis of Tagged Biologically Active Materials (Immunoassay)	US	Filed	11/932,213	10/31/2007		
Elemental Analysis of Tagged Biologically Active Materials (Immunoassay)	US	Filed	10/614,115	7/3/2003		

Patent Title	Country	Status	Serial No.	Filed Date	Patent No.	Issue Date
Elemental Analysis of Tagged Biologically Active Materials (Immunoassay)	US	Issued	09/905,907	7/17/2001	7,135,296	11/14/2006
Mass Spectrometer System and Method Using Simultaneous Mode Detector and Signal Region Flags	GB	Issued	9705009.0	9/6/1995	2308228	7/8/1998
Mass Spectrometer System and Method Using Dual Mode Detector and Signal Region Flags (Detector System for Mass Spectrometer)	CA	Issued	2,131,753	9/9/1994	2,131,753	1/6/2004
Mass Spectrometer System and Method Using Simultaneous Mode Detector and Signal Region Flags	DE	Issued	195817613-54	9/6/1995	19581761	7/8/1998
Mass Spectrometer System and Method Using Simultaneous Mode Detector and Signal Region Flags	US	Issued	08/350,767	12/7/1994	5,463,219	10/31/1995
Mass Spectrometer with Multiple Capacitively Coupled Mass Analysis Stages	CA	Filed	2,313,841	7/13/2000		
Mass Spectrometer with Multiple Capacitively Coupled Mass Analysis Stages	US	Issued	09/353,090	7/15/1999	6,340,814	1/22/2002
Method and Apparatus for Plasma Mass Analysis with Reduced Space Charge Effects	US	Issued	08/338,221	11/9/1994	5,565,679	10/15/1996
Method and Apparatus for Plasma Mass Analysis with Reduced Space Charge Effects	US	Issued	08/059,393	5/11/1993	5,381,008	1/10/1995
Method of Phosphorus Quantitation In Biological Samples (Working Title) Aka Phosphorus/Sulfer Method (P/S)	JP	Filed	2003-514581	7/17/2002	4159987	7/25/2008
Method for Phosphorus Quantitation	CA	Filed	2,453,556	7/17/2002		
Method of Phosphorus Quantitation In Biological Samples (Working Title) Aka Phosphorus/Sulfer Method (P/S)	US	Issued	10/198,099	7/19/2002	6,875,618	4/5/2005
Method of Phosphorus Quantitation In Biological Samples (Working Title) Aka Phosphorus/Sulfer Method (P/S)	EU	Filed	02750693.0	7/17/2002		
Spray Chamber with Dryer	EU	Filed	97951050.0	12/22/1997		
Spray Chamber with Dryer	CA	Issued	2,276,018	12/22/1997	2,276,018	11/23/2004
Spray Chamber with Dryer	JP	Issued	10-529512	12/22/1997	3831415	7/21/2006
Spray Chamber with Dryer	US	Issued	08/974,957	11/20/1997	5,969,352	10/19/1999
Torch with Improved Swirl	DE	Issued	969409515	12/10/1996	69622584	7/24/2002
Torch with Improved Swirl	GB	Issued	969409515	12/10/1996	0867105	7/24/2002
Torch for Inductively Coupled Plasma Spectrometry (Torch with Improved Swirl)	US	Issued	570,059	12/11/1995	5,684,581	11/4/1997

Patent Title	Country	Status	Serial No.	Filed Date	Patent No.	Issue Date
Torch for Inductively Coupled Plasma Spectrometry (Torch with Improved Swirl)	CA	Issued	2,240,316	12/10/1996	2,240,316	7/6/2004
Method and Apparatus for Flow Cytometry Linked with Elemental Analysis	PC	Filed	PCT/CA2005/000 461	3/29/2005		
Method and Apparatus for Flow Cytometry Linked with Elemental Analysis	JP	Filed	2007-504231	3/29/2005		
Method and Apparatus for Flow Cytometry Linked with Elemental Analysis	CA	Filed	2,561,007	3/29/2005		
Flow Cytometer ICP-TOF-MS	US	Issued	11/089,023	3/25/2005	7479630	1/20/2009
Method and Apparatus for Flow Cytometry Linked with Elemental Analysis	EU	Filed	05730038.6	3/29/2005		
Method and Apparatus for Cooling and Focusing Ions	CA	Filed	2,460,567	9/17/2002		
Method and Apparatus for Cooling and Focusing Ions	US	Issued	10/244,460	9/17/2002	6,849,848	2/2/2005
Mobility Separation of Ions Implementing an Ion Guide with an Axial Field and a Counterflow of Gas	JP	Filed	2004-500058	4/24/2003		
Apparatus and Method for Mobility Separation of Ions Utilizing an Ion Guide with an Axial Field and a Counterflow of Gas	CA	Filed	2,480,295	4/24/2003		
New Setup Mobility Separation of Ions Implementing an Ion Guide with an Axial Field and a Counterflow of Gas - Working Title (Aka Salmontron)	US	Issued	10/128,528	4/24/2002	6,630,662	10/7/2003
Mobility Separation of Ions Implementing an Ion Guide with an Axial Field and a Counterflow of Gas	EU	Filed	03718569.1	4/24/2003		
RF Biasing	JP	Issued	95855/1986	4/24/1986	2115002	12/6/1996
Sampling Plasma into a Vacuum Chamber (RF Biasing)	EU	Issued	86.301974.1	3/18/1986	0199455	8/30/1989
RF Biasing	FR	Issued	86.301974.1	3/18/1986	0199455	
RF Biasing	DE	Issued	86.301974.1	3/18/1986	P3665379.9- 08	10/5/1989
RF Biasing	GB	Issued	86.301974.1	3/18/1986	0199455	
Mass spectrometer and method with improved ion transmission	EU	Issued	19890312827	12/8/1989	373835	4/17/2002
Method and apparatus for sample deposition	PC	National Phase	PCT/CA2006/000 168	2/8/2006	2006084354	8/17/2006
Method and apparatus for mass selective axial transport using pulsed axial field	PC	National Phase	PCT/CA2006/000 1692	6/2/2006	2007062498	6/7/2007
Automated analysis of complex matrices using mass spectrometer	PC	National Phase	PCT/CA2006/001 999	12/7/2006	2007065266	6/14/2007

Patent Title	Country	Status	Serial No.	Filed Date	Patent No.	Issue Date
Systems and methods for calculating	PC	National	PCT/CA2007/000	1/4/2007	2007076605	7/12/2007
ion flux in mass spectrometry		Phase	009			