

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3408661

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LIM HI TAN	02/03/2014
HON SIU SHIN	02/04/2014
YANG HOOI KEE	02/21/2014
HOCK LAI KHOO	06/30/2014
MARK T. REED	01/27/2014
WOLFGANG HEIMBERG	02/05/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APPLERA CORPORATION
<b>Street Address:</b>	850 LINCOLN CENTRE DRIVE
<b>City:</b>	FOSTER CITY
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94404
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11850345
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(760)476-6048
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	760-603-7200
<b>Email:</b>	lifetechdocket@system.foundationip.com
<b>Correspondent Name:</b>	LIFE TECHNOLOGIES CORPORATION
<b>Address Line 1:</b>	5791 VAN ALLEN WAY
<b>Address Line 4:</b>	CARLSBAD, CALIFORNIA 92008
<b>ATTORNEY DOCKET NUMBER:</b>	5800-12 US
<b>NAME OF SUBMITTER:</b>	ANGELA Y. MCGOWAN
<b>SIGNATURE:</b>	/Angela Y. McGowan/
<b>DATE SIGNED:</b>	06/23/2015
<b>Total Attachments: 5</b>	

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source=5800-12-US\_Executed\_Assignment#page5.tif

**ASSIGNMENT**

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

**Lim Hi Tan** residing at Blk 838, Jurong West Street 81, #08-157, Singapore 640838, citizen of Malaysia;

**Jew Kwee Ngui** residing at Block 287A, Jurong East Street 21, #03-352, Singapore 601287, citizen of Singapore;

**Hon Siu Shin** residing at No. 23, Tampines Street 34, #03-11, The Eden at Tampines, Singapore 529233, citizen of Singapore;

**Ui Leng Soh** residing at 26 Bayshore Road, #05-07, Singapore 469972, citizen of Singapore;

**Yang Hooi Kee** residing at Blk 734, Woodlands Circle, #10-355, Singapore 730734, citizen of Malaysia;

**Hock Lai Khoo** residing at Blk 24, Chai Chee Road, #09-586, Singapore 460024, citizen of Singapore;

**Mark T. Reed** residing at 2043 Valparaiso Avenue, Menlo Park, CA 94025, citizen of USA;

**Ching Ong Lau** residing at Blk 3, Serangoon Ave., #10-05, Singapore 556131, citizen of Singapore;

**Wolfgang Heimberg** residing at Bohmerwaldstr. 72, Ebersberg, 85560, Germany, citizen of Germany;

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:

**DEVICE FOR CARRYING OUT CHEMICAL OR BIOLOGICAL REACTIONS**

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 11/850,345 and filing date of September 5, 2007 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 therefore 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.

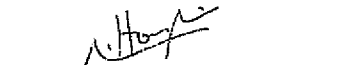
We hereby authorize Assignee to insert in this instrument the serial number and filing date of said application when officially notified thereof.

  
\_\_\_\_\_  
Lim Hi Tan, Inventor 1

2/3/14  
\_\_\_\_\_  
Date

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Jew Kwee Ngui, Inventor 2

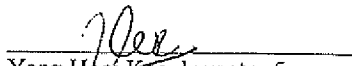
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Hon Su Shin, Inventor 3

Feb. 4, 2014  
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Date

\_\_\_\_\_  
Ui Leng Soh, Inventor 4

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Date

  
\_\_\_\_\_  
Yang Hoo Kcc, Inventor 5

2/2/14  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Hock Lai Khoo, Inventor 6

\_\_\_\_\_  
Date

\_\_\_\_\_  
Mark T. Reed, Inventor 7

\_\_\_\_\_  
Date

\_\_\_\_\_  
Ching Ong Lau, Inventor 8

\_\_\_\_\_  
Date

\_\_\_\_\_  
Wolfgang Heimberg, Inventor 9

\_\_\_\_\_  
Date

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\_\_\_\_\_  
Lim Hi Tan, Inventor 1

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Date

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Jew Kwee Ngui, Inventor 2

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Date

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Hon Siu Shin, Inventor 3


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Date

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Ui Leng Soh, Inventor 4

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Date

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Yang Hooi Kee, Inventor 5

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Date

  
\_\_\_\_\_  
Hock Lai Khoo, Inventor 6

\_\_\_\_\_  
Date

6/30/14

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Mark T. Reed, Inventor 7

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Date

\_\_\_\_\_  
Ching Ong Lau, Inventor 8

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Hon Siu Shin, Inventor 3

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Ui Leng Soh, Inventor 4

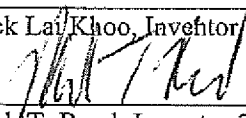
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Yang Hooi Kee, Inventor 5

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Hock Lai Khoo, Inventor 6

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Date

  
\_\_\_\_\_  
Mark T. Reed, Inventor 7

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Date 1/27/19

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Ching Ong Lau, Inventor 8

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Date

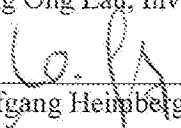
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Wolfgang Heimberg, Inventor 9

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..... Lim Hi Tan, Inventor 1	..... Date
..... Jew Kwee Ngui, Inventor 2	..... Date
..... Hon Siu Shin, Inventor 3	..... Date
..... Ui Leng Soh, Inventor 4	..... Date
..... Yang Hooi Kee, Inventor 5	..... Date
..... Hock Lai Khoo, Inventor 6	..... Date
..... Mark T. Reed, Inventor 7	..... Date
..... Ching Ong Lau, Inventor 8	..... Date
 ..... Wolfgang Heimböck, Inventor 9	<u>February 05, 2014</u> ..... Date