

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3253271

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DOUGLAS T. YAMANISHI	09/30/2013
GEORGE WALKER	09/30/2013
GUOLIANG TAO	09/30/2013
LEI WU	10/01/2013
XIAOBO WANG	09/30/2013
JOE OUYANG	10/02/2013
JIA XU	09/30/2013
RECEIVING PARTY DATA	
Name:	AVIVA BIOSCIENCES CORPORATION
Street Address:	6330 NANCY RIDGE DRIVE, SUITE 103
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14636032
CORRESPONDENCE DATA	
Fax Number:	(858)720-5125
<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>	
Phone:	8587207912
Email:	jjung@mofo.com
Correspondent Name:	MORRISON & FOERSTER LLP
Address Line 1:	12531 HIGH BLUFF DRIVE, SUITE 100
Address Line 4:	SAN DIEGO, CALIFORNIA 92130
ATTORNEY DOCKET NUMBER:	471842001101
NAME OF SUBMITTER:	BU YIN
SIGNATURE:	/Bu Yin/
DATE SIGNED:	03/05/2015

Total Attachments: 24

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ASSIGNMENT

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Address: 6330 Nancy Ridge Drive, Suite 103, San Diego, California 92121
A corporation duly organized under and pursuant to the laws of: California

(referred to in this Assignment as "Assignee"), who desire to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignors have invented certain new and useful inventions in:

METHODS AND COMPOSITIONS FOR DETECTING NON-HEMATOPOIETIC CELLS FROM A BLOOD SAMPLE

for which the following application has been filed in the United States of America.

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Filing Date: September 13, 2013

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2. Assignors represent, warrant and covenant that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.
3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.
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Guoliang Tao

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Lei Wu

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Signature: _____
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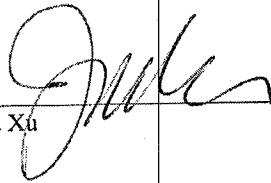
Date: _____

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Date: 9/30/13 Signature: _____
George Walker

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Date: _____ Signature: _____
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Date: _____ Signature: _____
Guoliang Tao

Date: _____ Signature: _____
Lei Wu

Date: _____ Signature: _____
Xiaobo Wang

Date: _____ Signature: _____
Joe Ouyang

3 of 4

sd-626512

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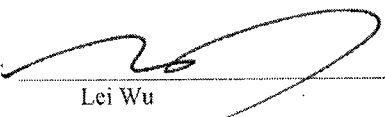
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Date: 10/1/13

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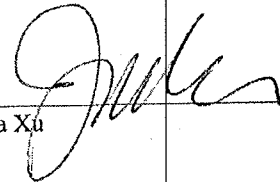
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Date: _____ Signature: _____
Guoliang Tao

Date: _____ Signature: _____
Lei Wu

Date: 09/30/2013 Signature: _____
Xiaobo Wang

Date: _____ Signature: _____
Joe Ouyang

Date: _____

Signature: _____
Jing Cheng

Date: 9/30/13

Signature: _____
Jia Xu

ASSIGNMENT

This assignment is by:

1. Ping LIN
6330 Nancy Ridge Drive, Suite 103
San Diego, California 92121
2. Douglas T. YAMANISHI
6330 Nancy Ridge Drive, Suite 103
San Diego, California 92121
3. George WALKER
6330 Nancy Ridge Drive, Suite 103
San Diego, California 92121
4. Junquan XU
6330 Nancy Ridge Drive, Suite 103
San Diego, California 92121
5. Mingxian HUANG
6330 Nancy Ridge Drive, Suite 103
San Diego, California 92121
6. Guoliang TAO
6330 Nancy Ridge Drive, Suite 103
San Diego, California 92121
7. Lei WU
6330 Nancy Ridge Drive, Suite 103
San Diego, California 92121
8. Xiaobo WANG
6330 Nancy Ridge Drive, Suite 103
San Diego, California 92121
9. Joe OUYANG
6330 Nancy Ridge Drive, Suite 103
San Diego, California 92121
10. Jing CHENG
6330 Nancy Ridge Drive, Suite 103
San Diego, California 92121
11. Jia XU
6330 Nancy Ridge Drive, Suite 103
San Diego, California 92121

(referred to in this Assignment as "Assignors"), who reside at or have a mailing address as listed above.

This Assignment is to:

Assignee: AVIVA BIOSCIENCES CORPORATION
Address: 6330 Nancy Ridge Drive, Suite 103, San Diego, California 92121
A corporation duly organized under and pursuant to the laws of: California

(referred to in this Assignment as "Assignee"), who desire to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignors have invented certain new and useful inventions in:

METHODS AND COMPOSITIONS FOR DETECTING NON-HEMATOPOIETIC CELLS FROM A BLOOD SAMPLE

for which the following application has been filed in the United States of America.

Serial No.: 14/027,044

Filing Date: September 13, 2013

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.
2. Assignors represent, warrant and covenant that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.
3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.
4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant Assignee's attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: _____

Signature: _____
Ping Lin

Date: _____

Signature: _____
Douglas T. Yamanishi

Date: _____

Signature: _____
George Walker

Date: _____

Signature: _____
Junquan Xu

Date: _____

Signature: _____
Mingxian Huang

Date: _____

Signature: _____
Guoliang Tao

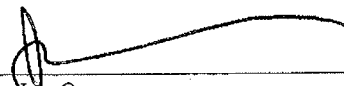
Date: _____

Signature: _____
Lei Wu

Date: _____

Signature: _____
Xiaobo Wang

Date: 10/2/2013

Signature:  _____
Joe Ouyang

Date: _____

Signature: _____
Jing Cheng

Date: 9/30/13

Signature: _____
Jia Xu