503132751 01/12/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3179361

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHARAT SINGH	10/05/2009
JEANNE HARVEY	10/06/2009
PHILLIP KIM	10/05/2009
XINJUN LIU	10/05/2009
LIMIN LIU	10/05/2009
ROBERT BARHAM	10/05/2009
BRUCE NERI	10/08/2009

RECEIVING PARTY DATA

Name:	PROMETHEUS LABORATORIES INC.
Street Address:	9410 CARROLL PARK DRIVE
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121-5201

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14091114

CORRESPONDENCE DATA

Fax Number: (415)576-0300

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.

Phone: 4155760200

Email: aacevedo@kilpatricktownsend.com

Correspondent Name: KILPATRICK TOWNSEND & STOCKTON

Address Line 1: TWO EMBARCADERO CENTER

Address Line 2: EIGHTH FLOOR

Address Line 4: SAN FRANCISCO, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	88473-011770US-893450
NAME OF SUBMITTER:	JOE C. HAO
SIGNATURE:	/Joe C. Hao/
DATE SIGNED:	01/12/2015

503132751 PATENT REEL: 034686 FRAME: 0457

Total Attachments: 6 source=14091114_Inventor Assignment#page1.tif source=14091114_Inventor Assignment#page2.tif source=14091114_Inventor Assignment#page3.tif source=14091114_Inventor Assignment#page4.tif source=14091114_Inventor Assignment#page5.tif source=14091114_Inventor Assignment#page6.tif

PATENT REEL: 034686 FRAME: 0458

Attorney Docket No.: 021825-011750US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Sharat Singh of Rancho Santa Fe, CA; Jeanne Harvey of 1554 Arroyo Road, Livermore, CA 94550; Phillip Kim of 28 Exeter, Irvine, CA 92612; Xinjun Liu of 12890 Caminito Diego, San Diego, CA 92130; Limin Liu of 13280 Kibbings Road, San Diego, CA 92130; Robert Barham of 2081 Meadowlark Ranch Circle, San Marcos, CA 92078; and Bruce Neri of 2820 Carrillo Way, Carlsbad, CA 92008, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

DRUG SELECTION FOR BREAST CANCER

THERAPY USING ANTIBODY-BASED ARRAYS

Date(s) of execution of Declaration:

Filing Date:

July 28, 2009

Application No.:

12/511,017; and

WHEREAS, Prometheus Laboratories Inc., a corporation of United States, located at 9410 Carroll Park Drive, San Diego, CA 92121-5201, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 10-5-09

Sharat Singh

Assignment Attorney Docket No.: 021825-011750US Page 2	
SIGNATURE WITNESSED BY:	
Dated: <u>10-5-09</u>	Signature of Witness
	Printed Name
Dated: 1015709	/ Ammi Kim Signature of Witness Tammi Kim
	Printed Name
Dated: SIGNATURE WITNESSED BY:	Jeanne Harvey
Dated:	Signature of Witness
	Printed Name
Dated:	Signature of Witness
	Printed Name
Dated: 10/5/09	Phillip Kim
SIGNATURE WITNESSED BY: Dated: 10-5-09	Signature of Witness
	Printed Name
Dated:	Signature of Witness
	Myni Kim Printed Name

Page 2 of 4

Attorney Docket No.: 021825-011750US Page 2	
SIGNATURE WITNESSED BY:	
Dated:	Signature of Witness
	Printed Name
Dated:	Signature of Witness
	Printed Name
Dated: Oct 6, 2009	Jean Horry Jeanne Harvey
SIGNATURE WITNESSED BY:	Jeanne Harvey
Dated:	Signature of Witness
	Printed Name
Dated:	Signature of Witness
	Printed Name
Dated:	Phillip Kim
SIGNATURE WITNESSED BY:	
Dated:	Signature of Witness
	Printed Name
Dated:	Signature of Witness
	Printed Name

Assignment

Page 2 of 4

Attorney Docket No.: 021825-011750US Page 3	
Dated: /9/5/09 SIGNATURE WITNESSED BY:	Xinjun Liu
Dated: 10-50-09	Signature of Witness Signature of Witness
Dated: 10 5 09	Printed Name Signature of Witness Tumni Printed Name
Dated: 10-5-09 SIGNATURE WITNESSED BY: Dated: 10-5-09	Limin Liu Signature of Witness
Dated: 10/6/09	Printed Name Control Printed Name
	$\bigcirc A \bigcirc a$

Assignment

Robert Barham

Assignment Attorney Docket No.: 021825-011750US Page 4	
SIGNATURE WITNESSED BY:	
Dated: 10 -6 -09	Signature of Witness
	KEWE FITZSERAU) Printed Name
Dated: 10/6/69	Signature of Witness
	Tammi Kim Printed Name
Thatad:	
Dated:	Bruce Neri
SIGNATURE WITNESSED BY:	
Dated:	Signature of Witness
	Printed Name
Dated:	Signature of Witness
	Printed Name

62147041 v1

Assignment Attorney Docket No.: 021825-011750US Page 4	
SIGNATURE WITNESSED BY:	
Dated:	Signature of Witness
• ************************************	Printed Name
Dated:	Signature of Witness
	Printed Name
Dated: 10/8/09	Buh.
SIGNATURE WITNESSED BY:	Bruce Neri
Dated:	Signature of Witness
	Printed Name
Dated:	Signature of Witness
	Printed Name

62147041 v1