502843012 06/09/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LEROY HOOD	03/23/2006
BIAOYANG LIN	03/23/2006

RECEIVING PARTY DATA

Name:	INSTITUTE FOR SYSTEMS BIOLOGY
Street Address:	1441 NORTH 34TH STREET
City:	SEATTLE
State/Country:	WASHINGTON
Postal Code:	98103-8904

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14100301

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ATTORNEY DOCKET NUMBER:	ISB 101 CON (3)
NAME OF SUBMITTER:	BONNIE LEE
SIGNATURE:	/ Bonnie Lee /
DATE SIGNED:	06/09/2014

Total Attachments: 3

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PATENT 502843012 REEL: 033056 FRAME: 0524

ASSIGNMENT

WHEREAS, we, Leroy Hood and Biaoyang Lin (hereinafter referred to as ASSIGNORS), having mailing addresses of 6411 Northeast Windermere Road, Seattle, Washington 98105, and 24207 13th Place West, Bothell, Washington 98021, respectively, are the joint inventors of an invention entitled "METHODS FOR IDENTIFYING AND MONITORING DRUG SIDE EFFECTS," as described and claimed in the specification for which an application for United States letters patent was filed on January 27, 2006, and assigned Application No. 11/342,367. This application claims the benefit of U.S. Provisional Application No. 60/647,792, filed on January 27, 2005, and U.S. Provisional Application No. 60/683,004, filed on May 20, 2005;

WHEREAS, Institute for Systems Biology (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington, having a place of business at 1441 North 34th Street, Seattle, Washington 98103-8904, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

> PATENT REEL: 033056 FRAME: 0525

3/23/06	Lerou Hoval
Date	Leroy Hood
State of Wash-ngfon	
County of King	SS,

I certify that I know or have satisfactory evidence that Leroy Hood is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Minimum Maria	Dated	3-13
SON CONTRACTOR	Signature of	11.
TO TOTAL THE TOTAL	Notary Public	Shull
S	Printed Name	Shir
WASHING WASHING	My appointment e	xpires

hint	031306
Date	Biaoyang Lin
State of Washington	ss.
County of King	

I certify that I know or have satisfactory evidence that Biaoyang Lin is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

D. MENNIN	Dated 3-23-06
	Signature of Notary Public Multy 10 Manual.
	Printed Name Shirley D. Meinecker
OF WASHING	My appointment expires

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