503286250 04/29/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	03/14/2014

CONVEYING PARTY DATA

Name	Execution Date
DEB HUNG	03/07/2014

RECEIVING PARTY DATA

Name:	THE BROAD INSTITUTE, INC.
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City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02142
Name:	MASSACHUSETTS GENERAL HOSPITAL
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City:	BOSTON
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Postal Code:	02114

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US1427158

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ATTORNEY DOCKET NUMBER:	BROD-0230WP	
NAME OF SUBMITTER:	COLLEEN F. SULLIVAN	
SIGNATURE:	/Colleen F. Sullivan/	

PATENT REEL: 035530 FRAME: 0608 503286250

DATE SIGNED: 04/29/2015

Total Attachments: 2
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PATENT REEL: 035530 FRAME: 0609

ASSIGNMENT NUNC PRO TUNC

WHEREAS, I, **DEB HUNG**, residing at 700 Huron Avenue #13D, Cambridge, Massachusetts 02138, have invented with others certain inventions and improvements disclosed in a provisional application entitled "RIBOSOMAL RIBONUCLEIC ACID HYBRIDIZATION FOR ORGANISM IDENTIFICATION," filed in the United States Patent and Trademark Office on March 15, 2013 and assigned U.S. Patent Application No. 61/794,544; and

WHEREAS, THE BROAD INSTITUTE, INC., having a principal place of business at 7 Cambridge Center, Cambridge, Massachusetts 02142, and MASSACHUSETTS GENERAL HOSPITAL, having a principal place of business at 55 Fruit Street, Boston, Massachusetts 02114, is desirous of acquiring an interest in the same.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, **DEB HUNG**, by these presents, do sell, assign, and transfer to **THE BROAD INSTITUTE**, **INC.** and **MASSACHUSETTS GENERAL HOSPITAL**, my full, exclusive, and entire right, title, and interest in and to said provisional application, in and to all inventions and improvements disclosed and described in said provisional application.

For the same consideration, I, by these presents, do sell, assign, and transfer to THE BROAD INSTITUTE, INC. and MASSACHUSETTS GENERAL HOSPITAL, my full, exclusive, and entire right, title, and interest in and to any foreign application or applications corresponding to said provisional application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of THE

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BROAD INSTITUTE, INC. and MASSACHUSETTS GENERAL HOSPITAL or its designee insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all non-provisional applications and other applications, make all assignments and rightful oaths, and generally do everything possible to aid THE BROAD INSTITUTE, INC. and MASSACHUSETTS GENERAL HOSPITAL, its successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

This Assignment is expressly made NUNC PRO TUNC to have the same legal force and effect as if executed on March 15, 2013 (the filing date of the above-referenced provisional patent application).

Date: 3/7/14

KATHERINE R. MARTIN
NOTOTY PUBLIC
COMMONWEALTHOFMASSACHUSETTS
My Commission Expires
September 14, 2018

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