

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5640885

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STUART H. ORKIN	02/18/2010
RECEIVING PARTY DATA	
Name:	HOWARD HUGHES MEDICAL INSTITUTE
Street Address:	4000 JONES BRIDGE ROAD
City:	CHEVY CHASE
State/Country:	MARYLAND
Postal Code:	20815
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16275534
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	701039-091120USC4
NAME OF SUBMITTER:	DAVID RESNICK
SIGNATURE:	/David Resnick/
DATE SIGNED:	07/26/2019
Total Attachments: 2	
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ASSIGNMENT

Assignment made 18 February, 2010 by Stuart H. Orkin, MD ("Inventor") to the Howard Hughes Medical Institute, a Delaware corporation ("HHMI").

Recitals

WHEREAS, Inventor is an employee of HHMI and, as a condition of his employment, has signed the Agreement appended to HHMI's Policy on Intellectual Property (the "Intellectual Property Agreement");

WHEREAS, pursuant to the Intellectual Property Agreement, Inventor has agreed (a) to assign to HHMI all rights he may acquire in any invention, discovery, improvement, or other intellectual property, whether or not patentable or copyrightable, developed directly or indirectly as a result of a program of research financed by HHMI funds or funds under the control of HHMI (each a "Subject Property") and (b) to execute any agreements that may be desired by HHMI in connection with such assignment;

WHEREAS, Inventor has, alone or with others invented "MODULATION OF BCL11A FOR TREATMENT OF HEMOGLOBINOPATHIES" which may be the subject of a patent application (the "Invention"), and the Invention is a Subject Property; and

WHEREAS, Inventor seeks to make a formal assignment of his interest in the Invention to HHMI, and HHMI desires the execution of a formal assignment of all of Inventor's right, title, and interest in the Invention.

NOW, THEREFORE, in consideration of the promises contained in and the acts performed and to be performed pursuant to the Intellectual Property Agreement and of other good and valuable consideration, the receipt of which is hereby acknowledged by Inventor, Inventor agrees as follows:

1. Assignment. Inventor hereby assigns to HHMI his entire right, title, and interest in the Invention; any United State patent applications and all corresponding foreign patent applications which are directed to the Invention (including, without limitation, the patent application entitled "MODULATION OF BCL11A FOR TREATMENT OF HEMOGLOBINOPATHIES" filed in the United States Patent and Trademark Office on September 14, 2009 with Serial Number 61/222,571 and PCT/US09/56770 filed on September 14, 2009), and any and all patents issued therefrom; all United States or foreign division and continuation applications based on any of the foregoing, and any and all patents issued therefrom; and all claims which are directed to the Invention and which may be contained in continuation-in-part applications or in patents which issue therefrom.

2. Cooperation. Inventor agrees to execute upon request such further assignments, documents, and other instruments as may be necessary or desirable to assign

Inventor's entire right, title and interest in the Invention to HHMI and to assist HHMI (or others at the direction of HHMI) in applying for, obtaining, and enforcing patents, copyrights, or other rights in the United States and in any foreign country with respect to the Invention.

3. Parties. The terms and provisions of the Assignment shall inure to the benefit of HHMI and its successors and assigns and shall be binding on the Inventor and his heirs, personal representatives and assigns.

4. Warranty. Inventor warrants and represents that he has not entered into any assignment, contract, or understanding in conflict herewith, and that there is no other person or entity whose consent is required in order for the Inventor to make the assignment contained herein.

Stuart H. Orkin Inventor:

Stuart H. Orkin, MD

Commonwealth of Massachusetts

County of Suffolk

Then personally appeared before me the above-named Stuart H. Orkin, MD and acknowledged that he executed the foregoing instrument in his authorized capacity this 18 day of Feb, 2010

(SEAL) Lisa Capodilupo Notary Public:

Lisa Capodilupo

(print name)

Expires: 6/15/2012

My Commission

CMCC 1729
HHMI 03989

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