OP \$40.00 122794

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Howard Hughes Medical Institute	09/28/2009

RECEIVING PARTY DATA

Name:	President and Fellows of Harvard College
Street Address:	17 Quincy Street
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02138

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12279440

CORRESPONDENCE DATA

Fax Number: (617)495-9568

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (617) 495-3058

Email: denlyn_atherton@harvard.edu

Correspondent Name: Anne Craig

Address Line 1: 1350 Massachusetts Ave

Address Line 2: Harvard University, Office of Tech. Dev.

Address Line 4: Cambridge, MASSACHUSETTS 02138

ATTORNEY DOCKET NUMBER:	2672 SCHREIBER US
NAME OF SUBMITTER:	Anne I. Craig

Total Attachments: 10

source=2672 Schreiber Assignment-Appt as Agent-HHMI to HU Assignment#page1.tif source=2672 Schreiber Assignment-Appt as Agent-HHMI to HU Assignment#page2.tif source=2672 Schreiber Assignment-Appt as Agent-HHMI to HU Assignment#page3.tif source=2672 Schreiber Assignment-Appt as Agent-HHMI to HU Assignment#page4.tif

500975857 REEL: 023303 FRAME: 0050

PATENT

source=2672 Schreiber Assignment-Appt as Agent-HHMI to HU Assignment#page5.tif source=2672 Schreiber Assignment-Appt as Agent-HHMI to HU Assignment#page6.tif source=2672 Schreiber Assignment-Appt as Agent-HHMI to HU Assignment#page7.tif source=2672 Schreiber Assignment-Appt as Agent-HHMI to HU Assignment#page8.tif source=2672 Schreiber Assignment-Appt as Agent-HHMI to HU Assignment#page9.tif source=2672 Schreiber Assignment-Appt as Agent-HHMI to HU Assignment#page10.tif

Assignor: HOWARD HUGHES MEDICAL INSTITTUE 4000 Jones Bridge Road Chevy Chase, MD 20815

Assignee:
PRESIDENT AND FELLOWS OF HARVARD COLLEGE
17 Quincy Street
Cambridge, MA 02138

WHEREAS, I, Stuart L. Schreiber, of Boston, Massachusetts, as a duly appointed agent of Howard Hughes Medical Institute (HHMI), have developed certain inventions described in International PCT Patent Application No. 12/279,440 filed 08/14/08, entitled: "Bifunctional Histone Deacetylase Inhibitors", having full right to convey HHMI's entire right, title, and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, PRESIDENT AND FELLOWS OF HARVARD COLLEGE ("Assignee"), a non-profit corporation of the state of Massachusetts, having its principal place of business at 17 Quincy Street, Cambridge, Massachusetts 02138, is desirous of acquiring the entire right, title, and interest in and to said invention or inventions and any and all patents to be obtained therefore;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledge by the undersigned does hereby sell, assign, transfer, and set over unto said Assignee, its successors and assigns, HHMI's entire right, title, and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications and claim priority under the provisions of any international convention or treaty; also the entire right, title, and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions

and any divisional, continuation, continuation-in-part, or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

The undersigned further agrees, without any further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence of interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; executed and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

IN TESTIMONY WHEREOF, the undersigned had hereunto set his/her hand and seal on the date after his/her signature.

Stuart L. Schreiber

Date

Witness Signature

.

Witness's Drintad Noma

Assignment made April 5, 2007, by Stuart L. Schreiber, PhD ("Inventor") to the Howard Hughes Medical Institute, a Delaware corporation (the "Institute").

Recitals

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

WHEREAS, pursuant to the Intellectual Property Agreement, Inventor has agreed (a) to assign to the Institute 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 Institute funds or funds under the control of the Institute (each a "Subject Property") and (b) to execute any agreements that may be desired by the Institute in connection with such assignment;

WHEREAS, Inventor has, alone or with others invented "Dimeric Histone Deacetylase Inhibitors" 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 the Institute, and the Institute 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. <u>Assignment</u>. Inventor hereby assigns to the Institute 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 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. <u>Cooperation</u>. 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 the Institute and to assist the Institute (or others at the direction of the Institute) 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. <u>Parties</u> . The terms and provisions of the Assignment shall inure to the benefit of the Institute and its successors and assigns and shall be binding on the Inventor and his heirs, personal representatives and assigns.		
4. <u>Warranty</u> . Inventor warrant any assignment, contract, or understanding in conf or entity whose consent is required in order for the herein. Inventor:	s and represents that he has not entered into lict herewith, and that there is no other person Inventor to make the assignment contained Stuart L. Schreiber, PhD	
Commonwealth of Massachusetts County of Suffolk		
On this 5 day of April public, personally appeared Stuart L. Schreiber, Ph of identification, which was/were Massachusa person whose name is signed on the preceding or a that (he) (she) signed it voluntarily for its stated pu Notary Public (SEAL)	ttached document, and acknowledged to me rpose.	
2672 HHM) 03384	My Commission Expires: 3.7.2008	

Assignment made April 5th, 2007, by Weiping Tang, PhD ("Inventor") to the Howard Hughes Medical Institute, a Delaware corporation (the "Institute").

Recitals

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

WHEREAS, pursuant to the Intellectual Property Agreement, Inventor has agreed (a) to assign to the Institute 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 Institute funds or funds under the control of the Institute (each a "Subject Property") and (b) to execute any agreements that may be desired by the Institute in connection with such assignment;

WHEREAS, Inventor has, alone or with others invented "Dimeric Histone Deacetylase Inhibitors" 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 the Institute, and the Institute 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. <u>Assignment</u>. Inventor hereby assigns to the Institute 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 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. <u>Cooperation</u>. 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 the Institute and to assist the Institute (or others at the direction of the Institute) 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. <u>Parties</u>. The terms and provisions of the Assignment shall inure to the benefit of the Institute and its successors and assigns and shall be binding on the Inventor and his heirs, personal representatives and assigns.
- 4. <u>Warranty</u>. 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.

Inventor:	Wey 3	
	Weiping Tang, PhD	

Commonwealth of Massachusetts

County of MiddleSex

On this 5 day of Aprell, 2007, before me, the undersigned notary public, personally appeared Weiping Tang, PhD, proved to me through satisfactory evidence of identification, which was/were Person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

Notary Public: _

PATRICIA G. I

PATRICIA G. HUMBERSTONE Notary Public Commonwealth of Massachusetts My Commission Expires Mar 24, 2011 PATRICIA GHUMBERSTONE

(print name)

My Commission Expires: 3-24-11

2672 HHMI 03584

APPOINTMENT OF INVESTIGATOR AS AGENT

Appointment by the Howard Hughes Medical Institute (the "Institute") of Stuart L. Schreiber, PhD, an employee of the Institute, as its agent for the purpose of assigning certain rights to The President and Fellows of Harvard College (the "College").

WHEREAS, the Institute and the College collaborate in the active conduct of medical research pursuant to an Agreement between them dated as of January 1, 1987 (the "Agreement");

WHEREAS, pursuant to the Agreement, the Institute has agreed to assign to the College the Institute's rights with respect to inventions, discoveries, improvements, and other intellectual property, whether patentable or copyrightable (each a "Subject Property"), conceived or reduced to practice in the course of the research program conducted under the Agreement by employees of the Institute;

WHEREAS, research conducted pursuant to the Agreement by Stuart L. Schreiber, PhD while employed by the Institute at the College has resulted in the invention of a certain Subject Property entitled "Dimeric Histone Deacetylase Inhibitors," which may be the subject of a patent application (the "Invention"), and the Invention is a Subject Property; and

WHEREAS, the Institute wishes Stuart L. Schreiber, PhD to act as its agent for the purpose of assigning to the College the rights the Institute has in the Invention by reason of the research program conducted at the College,

NOW THEREFORE, the Institute hereby appoints Stuart L. Schreiber, PhD as its agent for the purpose of assigning the rights the Institute has or may acquire in the Invention by reason of the research program conducted at the College to the College in accordance with and subject to the conditions of the Agreement.

Executed

.

HOWARD HUGHES MEDICAL INSTITUTE

By:

klE. Dixon, PhD

Vice President and Chief Scientific Officer

ATTESTED:

Craig A. Alexander

Vice President and General Counsel

2672

HHMI 03584

REEL: 023303 FRAME: 0058

Assignment made April 5, 2007, by Stuart L. Schreiber, PhD ("Inventor") to the Howard Hughes Medical Institute, a Delaware corporation (the "Institute").

Recitals

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

WHEREAS, pursuant to the Intellectual Property Agreement, Inventor has agreed (a) to assign to the Institute 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 Institute funds or funds under the control of the Institute (each a "Subject Property") and (b) to execute any agreements that may be desired by the Institute in connection with such assignment;

WHEREAS, Inventor has, alone or with others invented "Dimeric Histone Deacetylase Inhibitors" 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 the Institute, and the Institute 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. <u>Assignment</u>. Inventor hereby assigns to the Institute 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 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. <u>Cooperation</u>. 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 the Institute and to assist the Institute (or others at the direction of the Institute) 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. <u>Parties</u> . The terms and provisions of the Assignment shall inure to the benefit of the Institute and its successors and assigns and shall be binding on the Inventor and his heirs, personal representatives and assigns.		
4. <u>Warranty</u> . Inventor warrants any assignment, contract, or understanding in conflor entity whose consent is required in order for the herein. Inventor:	and represents that he has not entered into ict herewith, and that there is no other person Inventor to make the assignment contained Stuart L. Schreiber, PhD	
Commonwealth of Massachusetts		
County of Suffolk		
On this _5 day ofApril public, personally appeared Stuart L. Schreiber, Phl of identification, which was/wereMassachusah person whose name is signed on the preceding or at that (he) (she) signed it voluntarily for its stated pur Notary Public (SEAL)	tached document, and acknowledged to me	
	My Commission Expires: 3.7.2009	
2672 HHM1 03384		

APPOINTMENT OF INVESTIGATOR AS AGENT

Appointment by the Howard Hughes Medical Institute (the "Institute") of Stuart L. Schreiber, PhD, an employee of the Institute, as its agent for the purpose of assigning certain rights to The President and Fellows of Harvard College (the "College").

WHEREAS, the Institute and the College collaborate in the active conduct of medical research pursuant to an Agreement between them dated as of January 1, 1987 (the "Agreement");

WHEREAS, pursuant to the Agreement, the Institute has agreed to assign to the College the Institute's rights with respect to inventions, discoveries, improvements, and other intellectual property, whether patentable or copyrightable (each a "Subject Property"), conceived or reduced to practice in the course of the research program conducted under the Agreement by employees of the Institute;

WHEREAS, research conducted pursuant to the Agreement by Stuart L. Schreiber, PhD while employed by the Institute at the College has resulted in the invention of a certain Subject Property entitled "Dimeric Histone Deacetylase Inhibitors," which may be the subject of a patent application (the "Invention"), and the Invention is a Subject Property; and

WHEREAS, the Institute wishes Stuart L. Schreiber, PhD to act as its agent for the purpose of assigning to the College the rights the Institute has in the Invention by reason of the research program conducted at the College,

NOW THEREFORE, the Institute hereby appoints Stuart L. Schreiber, PhD as its agent for the purpose of assigning the rights the Institute has or may acquire in the Invention by reason of the research program conducted at the College to the College in accordance with and subject to the conditions of the Agreement.

Executed

H

HOWARD HUGHES MEDICAL INSTITUTE

By:

ackje. Dixon, PhD

Vice President and Chief Scientific Officer

ATTESTED:

Craig A. Álexander

Vice President and General Counsel

2672

HHMI 03584

REEL: 023303 FRAME: 0061

RECORDED: 09/30/2009