

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3086639

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HAITAO GUO	08/26/2014
TIMOTHY M. BLOCK	08/27/2014
JU-TAO GUO	10/28/2014
DAWEI CAI	08/26/2014
RECEIVING PARTY DATA	
Name:	DREXEL UNIVERSITY FOR ITS COLLEGE OF MEDICINE
Street Address:	245 NORTH 15TH STREET
Internal Address:	MAIL STOP 400
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19102
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	14382074
PCT Number:	US1328150
Application Number:	61605071
Application Number:	61605059
CORRESPONDENCE DATA	
Fax Number:	(609)896-1469
<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>	
Phone:	6098443020
Email:	ipdocket@foxrothschild.com
Correspondent Name:	GERARD P. NORTON
Address Line 1:	FOX ROTHSCHILD LLP
Address Line 2:	997 LENOX DRIVE, BLDG. #3
Address Line 4:	LAWRENCEVILLE, NEW JERSEY 08648
ATTORNEY DOCKET NUMBER:	046680.00007
NAME OF SUBMITTER:	OLGA AYALA
SIGNATURE:	/Olga Ayala/

PATENT

DATE SIGNED:	10/29/2014
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Total Attachments: 3 source=Assignment_Drexel#page1.tif source=Assignment_Drexel#page2.tif source=Assignment_Drexel#page3.tif

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR(S):

Name	Address
Haitao Guo	13886 Golden Saddle Ct., Carmel, IN 46032
Timothy M. Block	90 Foxcroft Drive, Doylestown, PA 18901
Ju-Tao Guo	1426 Oxford Circle, Lansdale, PA 19446
Dawei Cai	8802 Arbor Lake Dr., Apt. 1218, Indianapolis, IN 46268

hereby sells, assigns and transfers to:

ASSIGNEE:

Name	Address
Drexel University for its College of Medicine	245 North 15 th Street, Mail Stop 400, Philadelphia, PA 19102

and the successors, assigns and legal representatives of the ASSIGNEE, entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, in and to the invention entitled:

INHIBITORS OF HEPATITIS B VIRUS COVALENTLY CLOSED CIRCULAR DNA FORMATION AND THEIR METHOD OF USE

Invented by Cuconati et al. and which is found in:

- the U.S. patent application executed on even date herewith;
- the U.S. patent application no.: 61/605,071 filed: February 29, 2012;
- the U.S. patent application no.: 61/605,059 filed: February 29, 2012;
- the U.S. patent application no.: 14/382,074 filed: August 29, 2014
- the International Application no. PCT/US2013/028150 filed: February 28, 2013
- the U.S. patent no. issued on _____.

and, in and to all Letters Patent, both foreign and domestic, to be obtained for said invention by the aforesaid U.S. patent application, and all continuation, division, renewal, continuation-in-part or substitute of said U.S. Patent Application; and as to Letters Patent, any reissue or re-examination thereof, and to any legal equivalent thereof in a foreign country, including, the right to apply for patents and inventor certificates in respect thereof, the right to claim priority, and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of the invention.

ASSIGNOR(S) hereby authorizes ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application or any other information that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenants and agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal

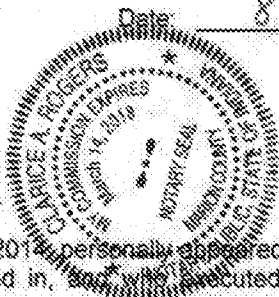
equivalents as may be known and accessible to ASSIGNOR(S), and that ASSIGNOR(S) will, at ASSIGNEE's expense, testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE, its assigns or its legal representatives, without further or additional consideration, any and all papers, instruments or affidavits required, render all necessary assistance, and do such additional acts as ASSIGNEE may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and benefit, and for the use and benefit of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR(S) had this assignment and sale not been made.

The parties agree that the foregoing covenants and obligations shall bind and inure to the benefit of the heirs, assigns and legal representatives of both parties.

Name: [Signature] Date: 8/26/2014
Haitao Guo

State of Indiana
County of Marion
Before me this 26th day of August 2014, personally appeared the above named individual, to me known to be the person who is described in, and who executed the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein expressed.

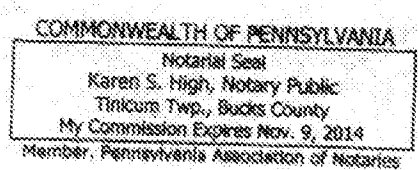


[Signature]
Notary Public

Name: [Signature] Date: August 27, 2014
Timothy M. Block

State of Penn
County of Bucks
Before me this 27 day of Aug 2014, personally appeared the above named individual, to me known to be the person who is described in, and who executed the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein expressed.

[Signature]
Notary Public



Name: [Signature]
Ju-Tao Guo

Date: 10/28/14

State of Pa
County of Bucks

Before me this 28 day of Oct 2014, personally appeared the above named individual, to me known to be the person who is described in, and who executed the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein expressed.

[Signature]
Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Karen S. High, Notary Public
Tinticum Twp., Bucks County
My Commission Expires Nov. 9, 2014
Member, Pennsylvania Association of Notaries

Name: [Signature]
Dawei Cai

Date: 8/26/2014

State of Indiana
County of Hamilton

LISA DIANE KING
Notary Public - Seal
State of Indiana
My Commission Expires Mar 26, 2020

Before me this 26 day of August 2014, personally appeared the above named individual, to me known to be the person who is described in, and who executed the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein expressed.

[Signature]
Notary Public
Lisa Diane King
Commission Expires 26 March 2020