

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5672033

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHRISTOPHER J. BURNS	07/30/2019
CHRISTOPHER BENETATOS	07/30/2019
BIN LIU	07/30/2019
JIANGHAO YAO	07/30/2019
STEVEN A. BOYD	07/30/2019
STEPHEN M. CONDON	07/30/2019
THOMAS HAIMOWITZ	07/30/2019
GLEN COBURN	07/30/2019
RECEIVING PARTY DATA	
Name:	VENATORX PHARMACEUTICALS, INC.
Street Address:	30 SPRING MILL DRIVE
City:	MALVERN
State/Country:	PENNSYLVANIA
Postal Code:	19355
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16438361
CORRESPONDENCE DATA	
Fax Number:	(650)493-6811
<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:	(650) 493-9300
Email:	stephanie.nelson@wsgr.com, patentedocket@wsgr.com
Correspondent Name:	WILSON SONSINI GOODRICH & ROSATI
Address Line 1:	650 PAGE MILL RD
Address Line 4:	PALO ALTO, CALIFORNIA 94304
ATTORNEY DOCKET NUMBER:	41223-729.201
NAME OF SUBMITTER:	STEPHANIE NELSON
SIGNATURE:	/Stephanie Nelson/

DATE SIGNED:	08/16/2019
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Total Attachments: 10
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PATENT ASSIGNMENT

Docket Number 41223-729.201

WHEREAS, the undersigned:

1. Christopher J. BURNS
30 Spring Mill Drive
Malvern, PA 19355

Glen COBURN
30 Spring Mill Drive
Malvern, PA 19355

Bin LIU
30 Spring Mill Drive
Malvern, PA 19355

Jiangchao YAO
30 Spring Mill Drive
Malvern, PA 19355

Christopher BENETATOS
30 Spring Mill Drive
Malvern, PA 19355

Steven A. BOYD
30 Spring Mill Drive
Malvern, PA 19355

Stephen M. CONDON
30 Spring Mill Drive
Malvern, PA 19355

Thomas HAIMOWITZ
30 Spring Mill Drive
Malvern, PA 19355

(hereinafter "inventor(s)), have invented certain new and useful improvements in

HEPATITIS B CAPSID ASSEMBLY MODULATORS

for which application serial number 16438361 was filed on June 11, 2019 in the United States Patent & Trademark Office; (hereinafter, "Application(s)"). The term "Application(s)" also includes all patent applications that share or claim priority to or from the above application(s).

WHEREAS, VenatorRx Pharmaceuticals, Inc., a corporation incorporated under the laws of the State of Delaware, having a place of business at 30 Spring Mill Drive, Malvern, PA 19355, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s), and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter "Patent(s)").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and (g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

PATENT ASSIGNMENT

Docket Number 41223-729.201

Date: 7/30/19
Christopher J. BURNS

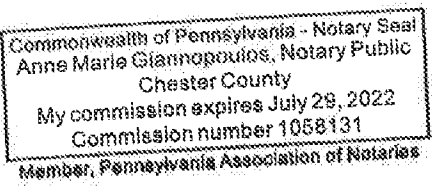
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Pennsylvania)
County of Chester) **Anne Marie Giannopoulos, Notary Public**

On 7/30/2019 before me, _____
Date *Here Insert Name and Title of the Officer*

personally appeared Christopher J. BURNS
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of Pennsylvania that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.
Signature: [Handwritten Signature]
Signature of Notary Public

Place Notary Seal Above

PATENT ASSIGNMENT

Docket Number 41223-729.201

Date: 7/30/19

Christopher BENETATOS

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Pennsylvania)
County of Chester)

Anne Marie Giannopoulos, Notary Public

On 7/30/19 before me,

Here Insert Name and Title of the Officer

personally appeared Christopher BENETATOS

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Commonwealth of Pennsylvania - Notary Seal
Anne Marie Giannopoulos, Notary Public
Chester County
My commission expires July 26, 2022
Commission number 1058131
Member, Pennsylvania Association of Notaries

Place Notary Seal Above

I certify under PENALTY OF PERJURY under the laws of the State of Pennsylvania that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: [Handwritten Signature]
Signature of Notary Public

PATENT ASSIGNMENT

Docket Number 41223-729.201

Date: 7/30/19 [Signature]
Bin L.L.U.

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached and not the truthfulness, accuracy, or validity of that document.

State of Pennsylvania)
County of Chester) **Anne Marie Giannopoulos, Notary Public**
On 7/30/19 before me, _____

Here Insert Name and Title of the Officer

personally appeared Bin L.L.U.

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Commonwealth of Pennsylvania - Notary Seal
Anne Marie Giannopoulos, Notary Public
Chester County
My commission expires July 29, 2022
Commission number 1088131
Member, Pennsylvania Association of Notaries

Place Notary Seal Above

I certify under PENALTY OF PERJURY under the laws of the State of Pennsylvania that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: [Signature]
Signature of Notary Public

PATENT ASSIGNMENT

Docket Number 41223-729.201

Date:

7/30/19

Jiangchao YAO

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of

Pennsylvania

County of

Delaware

Anne Marie Giannopoulos, Notary Public

On

7/30/19

Date

before me,

Here Insert Name and Title of the Officer

personally appeared Jiangchao YAO

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Commonwealth of Pennsylvania - Notary Seal
Anne Marie Giannopoulos, Notary Public
Chester County
My commission expires July 29, 2022
Commission number 1058131
Member, Pennsylvania Association of Notaries

I certify under PENALTY OF PERJURY under the laws of the State of Pennsylvania that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Anne Marie Giannopoulos
Signature of Notary Public

Place Notary Seal Above

PATENT ASSIGNMENT

Docket Number 41223-729.201

Date: 7/30/19 Steven A. Boyd
Steven A. BOYD

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Pennsylvania
County of Chester
On 7/30/19 before me,
Date

Anne Marie Giannopoulos, Notary Public

Here Insert Name and Title of the Officer

personally appeared Steven A. BOYD

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Commonwealth of Pennsylvania - Notary Seal
Anne Marie Giannopoulos, Notary Public
Chester County
My commission expires July 29, 2022
Commission number 1058131
Member, Pennsylvania Association of Notaries

Place Notary Seal Above

I certify under PENALTY OF PERJURY under the laws of the State of Pennsylvania that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: Anne Marie Giannopoulos
Signature of Notary Public

PATENT ASSIGNMENT

Docket Number 41223-729.201

Date: 7/30/19

Stephen M. CONDON

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Pennsylvania)
County of Chester)
On 7/30/19 before me, _____
Date

Anne Marie Giannopoulos, Notary Public

Here Insert Name and Title of the Officer

personally appeared Stephen M. CONDON

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Pennsylvania that the foregoing paragraph is true and correct.


WITNESS my hand and official seal.

Signature Anne Marie Giannopoulos
Signature of Notary Public

Commonwealth of Pennsylvania - Notary Seal
Anne Marie Giannopoulos, Notary Public
Chester County
My commission expires July 23, 2022
Commission number 1058131
Member, Pennsylvania Association of Notaries
Place Notary Seal Above

PATENT ASSIGNMENT

Docket Number 41223-729.201

Date: 7/30/19 
Thomas HAIMOWITZ

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Pennsylvania)
County of Chester) Anne Marie Giannopoulos, Notary Public

On 7/30/19 before me, _____
Date Here Insert Name and Title of the Officer

personally appeared Thomas HAIMOWITZ
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Commonwealth of Pennsylvania - Notary Seal
Anna Marie Giannopoulos, Notary Public
Chester County
My commission expires July 29, 2022
Commission number 1058131
Member, Pennsylvania Association of Notaries

Place Notary Seal Above

I certify under PENALTY OF PERJURY under the laws of the State of Pennsylvania that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: 
Signature of Notary Public

PATENT ASSIGNMENT

Docket Number 41223-729.201

RECEIVED AND AGREED TO BY ASSIGNEE:

VENATORX PHARMACEUTICALS, INC.

Date:

7/30/9

By:

Name: Christopher J. Burns, Ph.D.

Title: President and Chief Executive Officer

PATENT ASSIGNMENT

Docket Number 41223-729.201

Date: 7/30/19 [Signature]
Glen COBURN

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Pennsylvania)
County of Chester) **Anne Marie Giannopoulos, Notary Public**

On 7/30/19 before me, _____
Date Here Insert Name and Title of the Officer

personally appeared Glen COBURN
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Commonwealth of Pennsylvania - Notary Seal
Anne Marie Giannopoulos, Notary Public
Chester County
My commission expires July 29, 2022
Commission number 1058131
Member, Pennsylvania Association of Notaries

Place Notary Seal Above

I certify under PENALTY OF PERJURY under the laws of the State of Pennsylvania that the foregoing paragraph is true and correct.
WITNESS my hand and official seal.
Signature: [Signature]
Signature of Notary Public