504222970 02/10/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMOS B. SMITH III	08/21/2015
BRUNO MELILLO	08/18/2015

RECEIVING PARTY DATA

Name:	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
Street Address:	3160 CHESTNUT STREET
Internal Address:	SUITE 200
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15503207

CORRESPONDENCE DATA

Fax Number: (215)568-3439

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.

Phone: 215-568-3100

assignments@woodcock.com Email: **Correspondent Name: BAKER & HOSTETLER LLP** Address Line 1: CIRA CENTRE 12TH FLOOR

Address Line 2: 2929 ARCH STREET

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19104-2891

ATTORNEY DOCKET NUMBER:	103241.000391 / 15-7369
NAME OF SUBMITTER:	VALERIE CHICCHI
SIGNATURE:	/Valerie Chicchi/
DATE SIGNED:	02/10/2017

Total Attachments: 4

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PATENT REEL: 041226 FRAME: 0357 504222970

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PATENT REEL: 041226 FRAME: 0358 DOCKET NO.: 103241.006074 / 15-7562

ASSIGNMENT

WHEREAS, I, Amos B. Smith, III, residing at 517 General Lafayette Road, Merion, Pennsylvania 19066, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application number PCT/US2015/044998, filed on August 13, 2015, entitled INHIBITORS OF HIV-1 ENTRY AND METHODS OF USE THEREOF, and all inventions described, disclosed or claimed therein, and which claims priority to United States Patent Application No. 62/036,853, filed on August 13, 2014;

AND WHEREAS, The Trustees Of The University Of Pennsylvania, ASSIGNEE, having a place of business at 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal

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representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

___day of Auy___, year of 2015. Executed this

mos B. Smith, III

STATEMENT OF NOTARY PUBLIC

STATE OF <u>Pennsylvania</u>:
: SS
COUNTY OF <u>Philadelphia</u>:

On this 21st day of August, year of 2015, before me personally came the above named Amos B. Smith, III to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL CANDICE ADAMS, Notary Public

City of Philadelphia, Phila. County

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ASSIGNMENT

WHEREAS, 1, Bruno Melillo, residing at 2225 Spruce Street, Philadelphia, Pennsylvania 19103, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application number PCT/US2015/044998, filed on August 13, 2015, entitled INHIBITORS OF HIV-1 ENTRY AND METHODS OF USE THEREOF, and all inventions described, disclosed or claimed therein, and which claims priority to United States Patent Application No. 62/036,853, filed on August 13, 2014;

AND WHEREAS, The Trustees Of The University Of Pennsylvania, ASSIGNEE, having a place of business at 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal

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representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this $13^{\frac{1}{5}}$ day of $\frac{2u_{113}}{}$, year of 2015.

Signature - Bruno Melillo

STATEMENT OF NOTARY PUBLIC

STATE OF <u>Pennsylvania</u>:

: SS

COUNTY OF Philadelphia:

On this 18th day of August, year of 2015, before me personally came the above named Bruno Melillo to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

NOTARIAL SEAL CANDICE ADAMS, Notary Public City of Philadelphia, Phila. County My Commission Expires August 28, 2018

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