PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT

NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
William F. DeGrado	08/11/2009
Jun Wang	11/03/2008

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:	13119060

CORRESPONDENCE DATA

Fax Number: (215)568-3439

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

Phone: 215-568-3100

Email: vchicchi@woodcock.com Correspondent Name: Woodcock Washburn LLP 2929 Arch Street, 12th Floor Address Line 1:

Address Line 4: Philadelphia, PENNSYLVANIA 19104

ATTORNEY DOCKET NUMBER: UPN-5559

NAME OF SUBMITTER: Valerie Chicchi

Total Attachments: 3

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> **PATENT REEL: 026115 FRAME: 0658**

DOCKET NO.: UPN-5293 / V4946

PATENT Joint Inventors/Contributors

(Provisional Application; Application No. Known)

ASSIGNMENT

WHEREAS, we, William F. DeGrado residing at 502 Bancroft Road, Media, Pennsylvania 19063, and Jun Wang residing at 3925 Pine Street, #2R, Philadelphia, Pennsylvania 19104, hereinafter referred to as the assignors, are the joint inventors and/or contributors of certain inventions or improvements for which we have filed a provisional application in the United States Patent and Trademark Office, identified as Application No. 61/097,474, filed September 16, 2008, entitled INHIBITION OF INFLUENZA M2 PROTON CHANNEL.

WHEREAS, The Trustees Of The University Of Pennsylvania hereinafter referred to as the assignee, of 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104, a university of higher education in Pennsylvania, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said provisional application, and to any patent application(s) corresponding thereto, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in exchange for valuable consideration from the receipt of which is hereby acknowledged and intending to be bound, we, the said assignors, have sold, assigned, transferred and set over, effective as of September 16, 2008, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said provisional application and any and all corresponding patent application(s) and continuations, divisions and renewals of and substitutes for said corresponding patent application(s), and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names corresponding patent applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said provisional application and said corresponding patent application(s) and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said provisional application, said corresponding patent application(s) and said Letters Patent, to

testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on any applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of any corresponding patent application(s) aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

8/1//09 Date

William F DeGrade

STATE OF __

COUNTY OF Phila

On this limit day of Allust, year of 2008, before me personally came the above named William F. DeGrado 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.

COMMONWEALTH OF PENNSYLVANIA

Jessica M. Coyle, Notery Public
City of Philadelphia, Philadelphia County
My Commission Expires Feb. 26, 2013
ember, Pennsylvania Association of Noteries

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(L.S.)

REEL: 026115 FRAME: 0660

DOCKET NO.: UPN-5293 / V4946 -3 -

PATENT Joint Inventors/Contributors

11/03/08

Jun Wang (L.S.

STATE OF Pennsyl Vama:

COUNTY OF [I wited States:

On this 3 day of year of 2008, before me personally came the above named Jun Wang 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 PENNSYLVAIS

NOTARIAL SEAL Teresa M. Dunn, Notary Public City of Philadelphia, Philadelphia County My commission expires August 12, 2011

> PATENT REEL: 026115 FRAME: 0661

RECORDED: 04/13/2011