

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jian Yan</td><td>08/22/2011</td></tr><tr><td>Matthew P Morrow</td><td>08/22/2011</td></tr></tbody></table>		Name	Execution Date	Jian Yan	08/22/2011	Matthew P Morrow	08/22/2011						
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Matthew P Morrow	08/22/2011												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>The Trustees of the University of Pennsylvania</td></tr><tr><td>Street Address:</td><td>3160 Chestnut Street</td></tr><tr><td>Internal Address:</td><td>Suite 200</td></tr><tr><td>City:</td><td>Philadelphia</td></tr><tr><td>State/Country:</td><td>PENNSYLVANIA</td></tr><tr><td>Postal Code:</td><td>19104-6283</td></tr></table>		Name:	The Trustees of the University of Pennsylvania	Street Address:	3160 Chestnut Street	Internal Address:	Suite 200	City:	Philadelphia	State/Country:	PENNSYLVANIA	Postal Code:	19104-6283
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PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12694238</td></tr></tbody></table>		Property Type	Number	Application Number:	12694238								
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CORRESPONDENCE DATA													
Fax Number: (267)430-7015 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 6106407855													
Email: hillct@pepperlaw.com													
Correspondent Name: Mark DeLuca, Esq.													
Address Line 1: 899 Cassatt Road													
Address Line 2: Pepper Hamilton LLP													
Address Line 4: Berwyn, PENNSYLVANIA 19312													
ATTORNEY DOCKET NUMBER:	133172.03001												
NAME OF SUBMITTER:	Catherine Hill												
Total Attachments: 4 source=YanMorrow-Asg#page1.tif source=YanMorrow-Asg#page2.tif source=YanMorrow-Asg#page3.tif source=YanMorrow-Asg#page4.tif													

OP \$40.00 12694238

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PATENT
REEL: 026801 FRAME: 0640

DOCKET NO. 133172.03001

PATENT APPLICATION
Joint Inventors**ASSIGNMENT**

WHEREAS, we, **David B. Weiner, of Merion, Pennsylvania; Jian Yan of Havertown, Pennsylvania and Matthew P. Morrow of Philadelphia, Pennsylvania;** hereinafter referred to as the assignors, have invented a certain invention entitled **"INFLUENZA NUCLEIC ACID MOLECULES AND VACCINES MADE THEREFROM,"** for which we have made an application for Letters Patent of the United States, said application having been assigned Application No. **12/694,238**; and

WHEREAS, **The Trustees of the University of Pennsylvania,** hereinafter referred to as the assignee, of **3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104-6283,** a corporation of **Pennsylvania,** is desirous of acquiring our entire right, title and interest in and to the said inventions or improvements and in and to the said application, 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 January 26, 2010, 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 our 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 application 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 application 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 applications as aforesaid, to issue to said assignee, as assignee of our 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 the application 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.

Dated: _____, _____

David B. Weiner

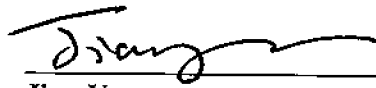
State of Pennsylvania)
)
County of Philadelphia) ss.

On this _____ day of _____, _____, before me, the undersigned, a Notary Public for the state, personally appeared David B. Weiner, personally known to me/proved to me on the basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.

Signature of Notary

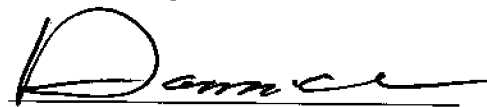
Dated: 8/22/2011, _____

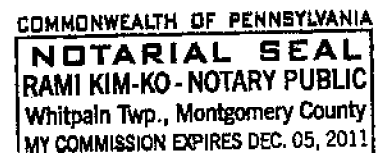

Jian Yan

State of Pennsylvania)
)
County of Montgomery) ss.
~~Philadelphia~~

On this 22nd day of August, 2011, before me, the undersigned, a Notary Public for the state, personally appeared Jian Yan, personally known to me/proved to me on the basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.

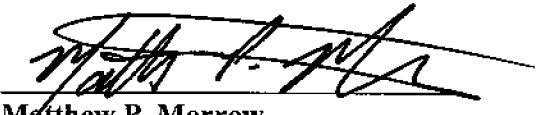

Signature of Notary



DOCKET NO. 133172.03001

PATENT APPLICATION
Joint Inventors

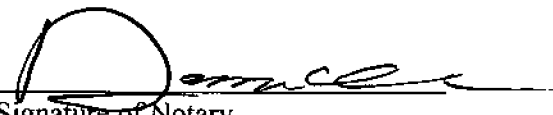
Dated: Aug 22, 2011


Matthew P. Morrow

State of Pennsylvania)
County of Montgomery) ss.
~~County of Philadelphia~~

On this 22nd day of August, 2011, before me, the undersigned, a Notary Public for the state, personally appeared Matthew P. Morrow, personally known to me/proved to me on the basis of satisfactory evidence to be the person who subscribed the foregoing Assignment and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the Assignment the person, or the entity on behalf of which the person acted, executed the Assignment.

WITNESS my hand and official seal.


Signature of Notary

