

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TED M. ROSS	04/25/2014
DONALD M. CARTER JR.	04/25/2014
COREY J. CREVAR	04/25/2014
RECEIVING PARTY DATA	
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Postal Code:	15260
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15051991
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NAME OF SUBMITTER:	JODI L. CONNOLLY
SIGNATURE:	/Jodi L. Connolly/
DATE SIGNED:	03/04/2016
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, we, Ted M. Ross, of Port St. Lucie, Florida, Donald M. Carter Jr. , of Port St. Lucie, Florida, and Corey J. Crevar, of Port St. Lucie, Florida, have invented a certain invention, entitled COMPUTATIONALLY OPTIMIZED BROADLY REACTIVE ANTIGENS FOR H1N1 INFLUENZA, for which the following patent applications have been filed:

U.S. Provisional Patent Application No. 61/730,186, filed on November 27, 2012;

PCT Patent Application No. PCT/US2013/072279, filed on November 27, 2013; and

U.S. Patent Application No. 14/092,371, filed on November 27, 2013,

which applications are collectively referred to as "the patent applications."

WHEREAS, UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, a non-profit entity organized under the laws of the Commonwealth of Pennsylvania, having a place of business at 200 Gardner Steel Conference Center, Thackeray and O'Hara Streets, Pittsburgh, Pennsylvania 15260, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Ted M. Ross, Donald M. Carter Jr. hereby sell, assign, and transfer to UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, the full and exclusive right, title, and interest in and to said invention, the patent applications, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, the patent applications, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, or its successors and assigns, any

facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, its successors, and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.

We confirm that, at the time the invention was made, we were under an obligation to assign the invention to UNVIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

Ted Rasso

Ted M. Ross

At PORT ST. LUCIE, FL
(City and State)

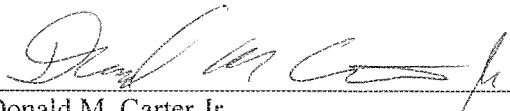
on this 25 day of APRIL, 2014.

STATE OF)
)
COUNTY OF) SS.

This ____ day of _____, 20____, before me personally came the above-named Ted M. Ross, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Ted M. Ross's own free will for the purpose set forth therein.

Notary Public For
My commission expires:

[SEAL]


Donald M. Carter Jr.

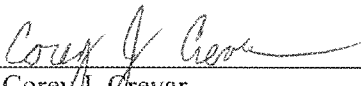
At Port St. Lucie, FL
(City and State)
on this 25 day of April, 2014.

STATE OF)
) ss.
COUNTY OF)

This ____ day of _____, 20____, before me personally came the above-named Donald M. Carter Jr., who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Donald M. Carter Jr.'s own free will for the purpose set forth therein.

Notary Public For
My commission expires:

[SEAL]


Corey J. Crevar

At Port St. Lucie, FL
(City and State)
on this 25 day of April, 2014.

STATE OF)
) ss.
COUNTY OF)

This ____ day of _____, 20____, before me personally came the above-named Corey J. Crevar, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Corey J. Crevar's own free will for the purpose set forth therein.

Notary Public For
My commission expires:

[SEAL]