

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>Xinhui Wang</td> <td>11/09/2009</td> </tr> <tr> <td>Soldano Ferrone</td> <td>11/09/2009</td> </tr> </tbody> </table>		Name	Execution Date	Xinhui Wang	11/09/2009	Soldano Ferrone	11/09/2009
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Xinhui Wang	11/09/2009						
Soldano Ferrone	11/09/2009						
RECEIVING PARTY DATA							
Name:	University of Pittsburgh - Of the Commonwealth System of Higher Education						
Street Address:	200 Gardner Steel Conference Center, Thackeray and O'Hara Streets						
City:	Pittsburgh						
State/Country:	PENNSYLVANIA						
Postal Code:	15260						
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>13912429</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13912429		
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Application Number:	13912429						
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Date:	06/17/2013						
Total Attachments: 3 source=81757-08_Assignment#page1.tif source=81757-08_Assignment#page2.tif source=81757-08_Assignment#page3.tif							

CH \$40.00 13912429

ASSIGNMENT

WHEREAS, we, Xinhui Wang, of Pittsburgh, Pennsylvania, and Soldano Ferrone, of Pittsburgh, Pennsylvania, have invented a certain invention, entitled FULLY HUMAN ANTIBODIES TO HIGH MOLECULAR WEIGHT-MELANOMA ASSOCIATED ANTIGEN AND USES THEREOF, for which the following applications have been filed:

U.S. Provisional Patent Application No. 61/106,055, filed on October 16, 2008

PCT Patent Application No. PCT/US2009/060903, filed on October 15, 2009

WHEREAS, University of Pittsburgh – Of the Commonwealth System of Higher Education (hereinafter "UNIVERSITY OF PITTSBURGH"), a non-profit corporation organized under the laws of the State 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 Xinhui Wang and Soldano Ferrone hereby sell, assign and transfer to UNIVERSITY OF PITTSBURGH, the full and exclusive right, title and interest in and to said invention, 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 divisions, continuations, reissues and extensions thereof, to be held and enjoyed by UNIVERSITY OF PITTSBURGH, 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 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, 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, 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 UNIVERSITY OF PITTSBURGH.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which 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.

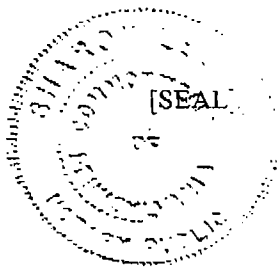
Xinhui Wang
Xinhui Wang

At PITTSBURGH, PA
(City and State)
on this 9th day of NOVEMBER, 2009.

STATE OF PENNSYLVANIA)
) ss.
COUNTY OF ALLEGHENY)

This 9th day of NOVEMBER, 2009, before me personally came the above-named Xinhui Wang, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Xinhui Wang's own free will for the purpose set forth therein.

Sharon Legeza
Notary Public For
My commission expires: 6.16.13



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Sharon Legeza, Notary Public
City of Pittsburgh, Allegheny County
My Commission Expires June 16, 2013
Member, Pennsylvania Association of Notaries

Soldano Ferrone
Soldano Ferrone

At PITTSBURGH, PA
(City and State)
on this 9th day of NOVEMBER, 2009.

STATE OF PENNSYLVANIA)
) ss.
COUNTY OF ALLEGHENY)

This 9th day of NOVEMBER, 2009, before me personally came the above-named Soldano Ferrone, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Soldano Ferrone's own free will for the purpose set forth therein.

Sharon Stenger
Notary Public For
My commission expires: 6.16.13

