

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Karthikeyan Swaminathan</td> <td>08/06/2009</td> </tr> <tr> <td>Wen Fury</td> <td>08/06/2009</td> </tr> </tbody> </table>		Name	Execution Date	Karthikeyan Swaminathan	08/06/2009	Wen Fury	08/06/2009				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Regeneron Pharmaceuticals, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>777 Old Saw Mill River Road</td> </tr> <tr> <td>City:</td> <td>Tarrytown</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10591-6707</td> </tr> </table>		Name:	Regeneron Pharmaceuticals, Inc.	Street Address:	777 Old Saw Mill River Road	City:	Tarrytown	State/Country:	NEW YORK	Postal Code:	10591-6707
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CORRESPONDENCE DATA											
<p>Fax Number: (914)345-7705</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 914-593-1081</p> <p>Email: james.kang@regeneron.com</p> <p>Correspondent Name: James Kang</p> <p>Address Line 1: 777 Old Saw Mill River Road</p> <p>Address Line 4: Tarrytown, NEW YORK 10591</p>											
ATTORNEY DOCKET NUMBER:	5090A-US, 5090A-WO										
NAME OF SUBMITTER:	James Kang										
<p>Total Attachments: 4</p> <p>source=5090A_1#page1.tif</p> <p>source=5090A_1#page2.tif</p>											

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PATENT
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ASSIGNMENT

WHEREAS, I (WE), **Karthikeyan SWAMINATHAN**, a citizen of India, residing at 630 Park View Drive, Santa Clara, California, 95054, USA; and, **Wen FURY**, a citizen of the United States of America, residing at 303 East 60th Street, Apt. 9C, New York, New York, 10022, USA, (herein after called "ASSIGNOR(S)"); am (are) inventor(s) of the invention(s) disclosed and/or claimed in the following patent application:

"NON-HYPERGEOMETRIC OVERLAP PROBABILITY"

US Patent Application Serial No. 12/535,179, filed 04 August 2009, and
International Patent Application No. PCT/US09/52785, filed 05 August 2009

WHEREAS, **REGENERON PHARMACEUTICALS INC.**, a corporation organized and existing under the laws of the State of New York, with offices at 777 Old Saw Mill River Road, Tarrytown, New York 10591-6707, U.S.A. (hereinafter called "ASSIGNEE") is desirous of acquiring my (our) entire right, title and interest in, to, and under said application(s);

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me (us) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I (we), said ASSIGNOR(S), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, legal representatives, and assigns, my (our) entire right, title and interest for all countries in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the above-described United States application(s), and in and to said United States Application(s) and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents utility models, and designs which may hereafter be filed for said inventions in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application(s) under the Patent Laws of the United States, the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention, or under any other available international agreement or under the domestic laws of the country in which any such

application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said inventions in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I (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 or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, their successors, legal representatives and assigns, in accordance with this instrument;

AND I (WE) HEREBY covenant and agree that I (we) have full right to convey the entire interest hereinafter assigned, and that I (we) have not executed, and will not execute, any agreement in conflict herewith;

AND I (WE) HEREBY further covenant and agree that I (we) will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me (us) respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, continuation-in-part, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said inventions in all countries.

IN TESTIMONY WHEREOF, I (WE) hereunto set my (OUR) hand(s) and seals the day and year set opposite our signatures.

Dated: 6th Aug. 2009

S. Karthikeyan
Karthikeyan SWAMINATHAN

Dated: _____

Wen FURY

END

ASSIGNMENT

WHEREAS, I (WE), **Karthikeyan SWAMINATHAN**, a citizen of India, residing at 630 Park View Drive, Santa Clara, California, 95054, USA; and, **Wen FURY**, a citizen of the United States of America, residing at 303 East 60th Street, Apt. 9C, New York, New York, 10022, USA, (herein after called "ASSIGNOR(S)"); am (are) inventor(s) of the invention(s) disclosed and/or claimed in the following patent application:

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Karthikeyan SWAMINATHAN

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