

PATENT ASSIGNMENT COVER SHEET

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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>KONSTANTIN PETRUKHIN</td> <td>10/07/2013</td> </tr> <tr> <td>JANET SPARROW</td> <td>09/27/2013</td> </tr> <tr> <td>RANDO ALLIKMETS</td> <td>09/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	KONSTANTIN PETRUKHIN	10/07/2013	JANET SPARROW	09/27/2013	RANDO ALLIKMETS	09/19/2013		
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<table border="1"> <tr> <td>Name:</td> <td>THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK</td> </tr> <tr> <td>Street Address:</td> <td>412 LOW MEMORIAL LIBRARY, 535 W. 116TH ST.</td> </tr> <tr> <td>City:</td> <td>NEW YORK</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10027</td> </tr> </table>		Name:	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	Street Address:	412 LOW MEMORIAL LIBRARY, 535 W. 116TH ST.	City:	NEW YORK	State/Country:	NEW YORK	Postal Code:	10027
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CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	0575/82006-A-PCT-US										
NAME OF SUBMITTER:	BRITTANY INTERNOSCIA										
Signature:	0575-82006-A-PCT-US/BI/for John P. White										
Date:	10/10/2013										

CH \$40.00 13988754

Total Attachments: 4

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Assignment of Non-Provisional Application

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned,

Konstantin PETRUKHIN of c/o P.O. Box 4813, New Windsor, NY 12553, United States of America; Janet SPARROW of 17 E. 84th St Apt 2A, New York, NY 10028, United States of America; and Rando ALLIKMETS of 200 Maple Road, Cornwall on Hudson, NY 12520, United States of America,

Hereby sell, assign and transfer to The Trustees of Columbia University in the City of New York, a not for profit corporation of the State of New York, having a place of business at 412 Low Memorial Library, 535 W. 116th St., New York, NY 10027, in the County of New York and State of New York, its successors, assigns and legal representatives, the 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 application for United States Patent, which has been executed by the undersigned on October 7, 2013, September 27, 2013, and September 19, 2013 and is entitled

A NON-RETINOID RBP4 ANTAGONIST FOR TREATMENT OF AGE-RELATED
MACULAR DEGENERATION AND STARGARDT DISEASE
(U.S. Serial No. 13/988,754, § 371 national stage of PCT International Application No. PCT/US2011/061763, filed November 22, 2011, claiming the benefit of U.S. Provisional Application No. 61/416,961, filed November 24, 2010)

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner for Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

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Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of 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; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 10/24/03
Witness: Patricia Murphy [signature]
Patricia Murphy [printed name]
160 W. 148 Street #2E [address]
N.Y. N.Y. 10031

 [LS]
Konstantin PETRUKHIN

JPW Rev. April 19, 2007

Date: September 27 2013
Witness: [Signature] (signature)
ERIN FLYNN (printed name)
509 W 110 St (address)
Apt 7H New York NY

[Signature] (signature)
Janet SPARROW (printed name)

Date: _____
Witness: _____ (signature)

_____ (address)

Rando ALLIKMETS (LS)

Date: _____
Witness: _____ (signature)
_____ (printed name)
_____ (address)

Janet SPARROW [LS]

Date: 9/19/2013
Witness: [Signature] (signature)
Kara Bauer (printed name)
630 West 168th Street (address)
New York, NY 10032

[Signature] [LS]
Rando ALLIKMETS