

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>SEQUENCE:</b>	1
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KONSTANTIN PETRUKHIN	07/18/2016
GRAHAM JOHNSON	07/18/2016
RANDO ALLIKMETS	07/18/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
<b>Street Address:</b>	535 W. 116TH STREET
<b>Internal Address:</b>	412 LOW MEMORIAL LIBRARY
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10027
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16520886
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(212)391-0525
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<b>ATTORNEY DOCKET NUMBER:</b>	85806-A4/JPW/GJG/CAS
<b>NAME OF SUBMITTER:</b>	ROBERT B. RUH III
<b>SIGNATURE:</b>	85806-A4/RBR/for Gary J. Gershik
<b>DATE SIGNED:</b>	08/07/2019
<b>Total Attachments: 4</b>	
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**PATENT**

**REEL: 049989 FRAME: 0287**

***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 P.O. Box 4813, New Windsor, New York 12553, United States of America,

Graham JOHNSON of 3 Lakeside Drive, Sanbornton, New Hampshire 03269, United States of America, and

Rando ALLIKMETS of 200 Maple Road, Cornwall on Hudson, New York 12520, United States of America,

effective April 29, 2015,

*Hereby sell, assign and transfer to The Trustees of Columbia University in the City of New York, a corporation of the State of New York, having a place of business at West 116th Street and Broadway, 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*

*and is entitled*

**SUBSTITUTED 4-PHENYLPYPERIDINES, THEIR PREPARATION AND USE**

(U.S. Serial No. 14/699,672, claiming the benefit of U.S. Provisional Application No. 61/986,578, filed April 30, 2014)

*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*

*JPW Rev. April 19, 2007*

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;

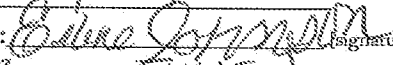
*Agree* that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions 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: 7/18/16  
 Witness: Lisa Rehm (signature)  
Lisa Rehm (printed name)  
160 Fort Washington Ave (address)  
New York, NY 10032

 [LS]  
 Konstantin PETRUKHIN

JPSW Rev. April 19, 2007

Date: JULY 18, 2016  
Witness:  [signature]  
ERLINE JOHNSON [printed name]  
3 LAKESIDE DR [address]  
SANLEONARD, NH 03269

 [LS]  
Graham JOHNSON

Date: \_\_\_\_\_  
Witness: \_\_\_\_\_ [signature]  
\_\_\_\_\_ [printed name]  
\_\_\_\_\_ [address]  
\_\_\_\_\_

\_\_\_\_\_  
[LS]  
Rando ALLIKMETS

Date: \_\_\_\_\_

Witness: \_\_\_\_\_ [signature]

\_\_\_\_\_ [printed name]

\_\_\_\_\_ [address]

\_\_\_\_\_

\_\_\_\_\_  
Graham JOHNSON [LS]

Date: 7/18/16

Witness: Lisa Rehm [signature]

Lisa Rehm [printed name]

160 Fort Washington Ave [address]

New York, NY 10032

Rando Allikmets [LS]  
Rando ALLIKMETS