504060656 10/21/2016

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALEXEI ERMAKOV	10/03/2016
BARBARA J. HINCH	10/03/2016

#### **RECEIVING PARTY DATA**

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State/Country:	NEW JERSEY	
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15124378

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	1594-P05983US01/PJH
NAME OF SUBMITTER:	PATRICK J. HAGAN
SIGNATURE:	/Patrick J. Hagan/
DATE SIGNED:	10/21/2016

### **Total Attachments: 3**

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PATENT 504060656 REEL: 040082 FRAME: 0491

#### ASSIGNMENT OF INVENTION

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties, intending to be legally bound, agree as follows:

ASSIGNORs:		
Name	Address	
Alexei Ermakov	731 Liberty Court, Piscataway, New Jersey 08854	
Barbara J. Hinch	5 Parkwood Court, Edison, New Jersey 08837	
hereby sell, assign and transfer to:		
ASSIGNEE:		
Rutgers, the State University of New Jersey	83 Somerset Street, New Brunswick, New Jersey 08901	

and the successors, assigns and legal representatives of the ASSIGNEE, entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, in and to the invention entitled:

# AN ELECTROSTATIC ION TRAP MASS SPECTROMETER UTILIZING AUTORESONANT ION EXCITATION AND METHODS OF USING THE SAME

invente	d by Ermakov et al. and which is found in:	
	the U.S. patent application executed on even of	date herewith;
	the U.S. provisional patent application no.:	filed:
X	the U.S. patent application no.: 15/124,378	filed: September 8, 2016
	the International Application no.: filed:	
	the U.S. patent no. issued on;	

and, in and to all Letters Patent, both foreign and domestic, to be obtained for said invention by the aforesaid U.S. patent application, and in and to all Non-Provisional and International Applications claiming priority therefrom, and all Letters Patent, both foreign and domestic, to be obtained for said invention by the aforesaid Non-Provisional and International Applications claiming priority therefrom, and all continuation, division, renewal, continuation-in-part or substitute of said Non-Provisional U.S. Patent Applications, and as to Letters Patent and any reissue or re-examination thereof, and to any legal equivalent thereof in a foreign country, including, the right to apply for patents and inventor certificates in respect thereof, the right to claim priority, and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of the invention.

ASSIGNORs hereby authorize ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application or any other information that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

ASSIGNORs hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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ASSIGNORs further covenant and agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORs, and that ASSIGNORs will, at ASSIGNEE's expense, testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE, its assigns or its legal representatives, without further or additional consideration, any and all papers, instruments or affidavits required, render all necessary assistance, and do such additional acts as ASSIGNEE may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORs hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE sole use and benefit, and for the use and benefit of ASSIGNEE legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNORs had this assignment and sale not been made.

The parties agree that the foregoing covenants and obligations shall bind and inure to the benefit of the heirs, assigns and legal representatives of both parties.

Name: Ou	exi 8		ate: 10/3/16	
DR.	DR. ALEXEI ERMAKOV			
State of	New Jersen	<del>)</del>		
County of	_ Middlesex	·		
Before me this	$\frac{3^{\gamma c}}{1}$ day of idual, to me known		2016 personally appeared described in, and who executed	
the foregoing instrumer will for the purposes the	nt and acknowledge erein expressed.	d to me that he/she exe	ecuted the same of his/her own free	
	•		ANURADHA U. KADAM	
			NOTARY PUBLIC OF NEW JERSEY My Commission Expires 8/2/2021	
		Notary Put		

Name:	Jane Haid	Date:	10/3/16	
	DR. BARBARA J. HINCH			
State of	New Jersey			
County of	Middlesex			
Before me th	is 3 <sup>rd</sup> day of Och be	n, 2016	p, personally appeared	
the above na	imed individual, to me known to be the perso	on who is descri	bed in, and who executed	
the foregoing	instrument and acknowledged to me that he	e/she executed th	e same of his/her own free	
will for the pu	rposes therein expressed.	ANURADH	A U. KADAM	
NOTARY PUBLIC OF NEW JERSEY				
My Commission Expires 9/2/2021  Notary Public				
		KN		

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