# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5196448

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
GERALD B. PIER	02/16/2011
NIKOLAY NIFANTIEV	02/15/2011
YURY TSVETKOV	02/15/2011
MARINA GENING	02/15/2011

## **RECEIVING PARTY DATA**

Name:	THE BRIGHAM AND WOMEN'S HOSPITAL, INC.
Street Address:	75 FRANCIS STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02115

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16016473

## **CORRESPONDENCE DATA**

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Jasmine.Lo@wolfgreenfield.com

MARIA A. TREVISAN **Correspondent Name:** 

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Address Line 2: **600 ATLANTIC AVENUE** 

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	B1396.70006US05
NAME OF SUBMITTER:	PUI Y. LO
SIGNATURE:	/PUI Y. LO/
DATE SIGNED:	10/19/2018
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**Total Attachments: 6** 

**PATENT** REEL: 047232 FRAME: 0969

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PATENT REEL: 047232 FRAME: 0970

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

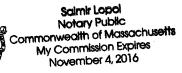
- Sell, assign and transfer to The Brigham and Women's Hospital, Inc., a Massachusetts corporation having a place of business at 75 Francis Street, Boston, Massachusetts 02115, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on January 21, 2011 under Serial No. 13/055,178, bearing Attorney Docket No. B0801.70362US02, and entitled METHODS AND COMPOSITIONS RELATING TO SYNTHETIC BETA-1,6 GLUCOSAMINE OLIGOSACCHARIDES, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. B0801.70362US02 2235119.1

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J-16-Z91	Lecald & E
Date Inventor:	Gerald B. Pier
Address:	21 Thorndike Street Brookline, Massachusetts 02446
Citizenship:	US
STATE/COMMONWEALTH OFMASSACHA COUNTY OFNORFOUL:	ush 7.5 :
On this 16 +4 day of Flarary, 2 public, personally appeared Gerald B. Pier, proved to me which were MADL *S 509 21443 attached document in my presence and swore or affirmed truthful and accurate to the best of his knowledge and be woluntarily for its stated purpose.	to be the person who signed the preceding or d to me that the contents of the document are
SEAL	Notary Public My Commission Expires: 11/04/2016



**REEL: 047232 FRAME: 0972** 

#### ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to The Brigham and Women's Hospital, Inc., a Massachusetts corporation having a place of business at 75 Francis Street, Boston, Massachusetts 02115, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on January 21, 2011 under Serial No. 13/055,178, bearing Attorney Docket No. B0801.70362US02, and entitled METHODS AND COMPOSITIONS RELATING TO SYNTHETIC BETA-1,6 GLUCOSAMINE OLIGOSACCHARIDES, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea, as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office and non-US patent authorities to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. B0801.70362US02 2235119.1

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/	/ Juf .
Inventor:	Nikolay Nifantiev
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	Citizenship:	Russian Federation
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15.02. 2011		Dguus -
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Page 4 of 5

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Date	Signature	
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		Messian Tederation
Witness:		00
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Date	Signature	
	Name:	Elena V. Sukhova
	A ddrass:	Nanoganua str 27-2-72

Attorney Docket No. B0801.70362US02

**RECORDED: 10/19/2018** 

15.02.2011

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PATENT REEL: 047232 FRAME: 0976