

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4425894

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IAN CHRISTOPHER PARSONS	05/31/2013
TING ZHENG	06/03/2013
NUR SIBEL GUNAY	01/03/2013
CARLOS J. BOSQUES	11/27/2012
RECEIVING PARTY DATA	
Name:	MOMENTA PHARMACEUTICALS, INC.
Street Address:	675 WEST KENDALL STREET
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02142
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15480786
CORRESPONDENCE DATA	
Fax Number:	(617)502-5002
<i>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.</i>	
Phone:	617-248-5000
Email:	PatentDocket@choate.com
Correspondent Name:	CHOATE HALL & STEWART LLP-PATENT DOCKET
Address Line 1:	TWO INTERNATIONAL PLACE
Address Line 4:	BOSTON, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	2007774-0218
NAME OF SUBMITTER:	STEPHANIE L. SCHONEWALD
SIGNATURE:	/Stephanie L. Schonewald/
DATE SIGNED:	05/23/2017
Total Attachments: 7	
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COMBINED JOINT ASSIGNMENT & DECLARATION

A. ASSIGNMENT

WHEREAS, each of the below-named inventors whose name and residence is set forth in the following Table 1:

Inventor Name	City, State
1. Ian Christopher Parsons	Belmont, MA
2. Ting Zheng	Sunnyvale, CA
3. Nur Sibel Gunay	Chestnut Hill, MA
4. Carlos J. Bosques	Arlington, MA

Table 1

hereby declares and agrees, on behalf of himself/herself and all of his/her successors and assigns that each is aware of the patent application(s) entitled:

MULTI-DIMENSIONAL CHROMATOGRAPHIC METHODS FOR SEPARATING N-GLYCANS; and

- prepared for filing in the United States Patent and Trademark Office; or
 - identified by United States Application Serial No. 13/630,594 filed in the United States Patent and Trademark Office on September 28, 2012; and
 - identified by International Patent Application No. Serial No. filed on Filing Date;
- and
- is also aware of the following priority applications:

Serial No.: 12/595,937; Filed: January 29, 2010
 Serial No.: PCT/US08/60346; Filed: April 15, 2008
 Serial No.: 60/923,705; Filed: April 16, 2007

WHEREAS Momenta Pharmaceuticals, Inc. (hereinafter "ASSIGNEE"), having a usual place of business at 675 West Kendall Street, Cambridge, Massachusetts 02142, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above; and hereby

confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application. My sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including to divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by me had this sale, assignment and transfer not been made;

AND, I hereby acknowledge that this Assignment, being of my entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts I know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

AND, I further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number(s) and/or filing date(s) into this assignment document, if appropriate;

AND, I hereby appoint ASSIGNEE as my common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

AND, I hereby request the Director of Patents and Trademarks of the United States to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

AND, I covenant with said 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.

B. DECLARATION (37 CFR 1.63)

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

MULTI-DIMENSIONAL CHROMATOGRAPHIC METHODS FOR SEPARATING N-GLYCANS; and

attached hereto or prepared for filing in the United States Patent and Trademark Office; or

identified by United States Application Serial No. 13/630,594 filed in the United States Patent and Trademark Office on September 28, 2012; or

identified by International Patent Application No. Serial No. filed on Filing Date.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of the claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the application, including the claims and am aware of the duty to disclose to the United States Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR 1.56.

Dated this 31ST day of MAY 2013.

Ian Parsons

Ian Christopher Parsons

Witnessed By

C. Lee-Parsons
Witness Signature

Printed Name: C. Lee-Parsons

Date: 31/May/2013

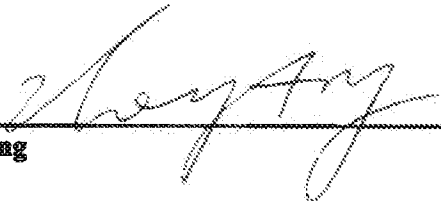
Witnessed By

Barbara V. Foster
Witness Signature

Printed Name: Barbara V. Foster

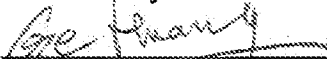
Date: 31 May 2013

Dated this 3rd day of June 2013.



Ting Zheng

Witnessed By

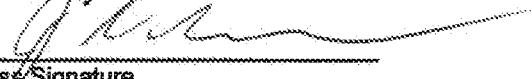


Witness Signature

Printed Name: GE HUANG

Date: 6/3/2013

Witnessed By



Witness Signature

Printed Name: John Muschler

Date: 6/12/2013

SIGNED this 3rd day of January, 2013.

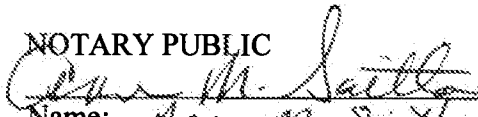


Name: **Nur Sibel Gunay**

Commonwealth
~~STATE OF~~ Massachusetts SS.
COUNTY OF Middlesex

Before me this 3rd day of January, 2013, personally appeared **Nur Sibel Gunay**, and proved to me through satisfactory evidence of identity which was Massachusetts Drivers License to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

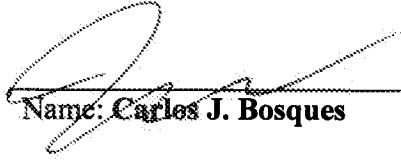
NOTARY PUBLIC



Name: Ana M. Saitta


My Commission Expires: June 11, 2015

SIGNED this 27th day of November, 2012.


Name: Carlos J. Bosques

Commonwealth
~~STATE OF~~ Massachusetts
COUNTY OF Middlesex SS.

Before me this 27th day of November, 2012, personally appeared **Carlos J. Bosques**, and proved to me through satisfactory evidence of identity which was Mass Drivers License to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC

Name: Ann M. Saitta
My Commission Expires: June 11, 2015