

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3606766

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CARLOS J. BOSQUES	12/10/2013
JENNIFER MURPHY	12/05/2013
HETAL SARVAIYA	12/04/2013
NATHANIEL WASHBURN	11/19/2013
CUIHUA LIU	12/12/2013
XIAO-JIN XU	12/04/2013
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:	14832784
CORRESPONDENCE DATA	
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<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:	2007774-0199
NAME OF SUBMITTER:	STEPHANIE L. SCHONEWALD, PHD, JD
SIGNATURE:	/Stephanie L. Schonewald/
DATE SIGNED:	11/09/2015
Total Attachments: 10	

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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. Carlos J. Bosques	Arlington, MA
2. Jennifer Murphy	Marshfield, MA
3. Hetal Sarvaiya	Quincy, MA
4. Nathaniel Washburn	Littleton, MA
5. Cuihua Liu	Belmont, MA
6. Xiao-Jin Xu	Southborough, 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:

GAL ALPHA 1-3GAL-CONTAINING N-GYLCANS IN GLYCOPROTEIN PRODUCTS DERIVED FROM CHO CELLS; and

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

identified by United States Application Serial No. **14/056,674** filed in the United States Patent and Trademark Office on **October 17, 2013**; and

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

is also aware of the following priority applications:

Serial No.: PCT/US2009/031678; Filed: January 22, 2009

Serial No.: 12/529,109; Filed: November 10, 2010, now Patent No. 8,586,356

WHEREAS **Momenta Pharmaceuticals, Inc.** (hereinafter "ASSIGNEE"), having a usual place of business at **675 West Kendall Street, Cambridge, MA 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:

**GAL ALPHA 1-3GAL-CONTAINING N-GYLCANS IN GLYCOPROTEIN PRODUCTS
DERIVED FROM CHO CELLS; and**

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

identified by United States Application Serial No. **14/056,674** filed in the United States Patent and Trademark Office on **October 17, 2013**; 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 a 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.

SIGNED this 10th day of December, 2013.


Name: **Carlos J. Bosques**

COMMONWEALTH OF Massachusetts SS.
COUNTY OF Middlesex

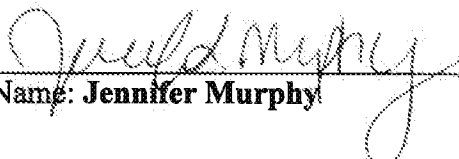
Before me this 10th day of December, 2013, personally appeared **Carlos J. Bosques**, and proved to me through satisfactory evidence of identity which was Mass Drivers License to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC


Name: Ann M. Saitta

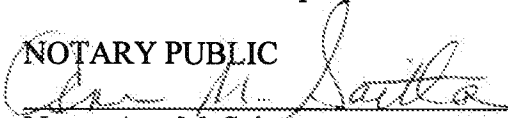
My Commission Expires: June 11, 2015

SIGNED this 5th day of December, 2013.



Name: **Jennifer Murphy**

COMMONWEALTH OF Massachusetts SS.
COUNTY OF Middlesex

Before me this 5th day of December, 2013, personally appeared **Jennifer Murphy**, and proved to me through satisfactory evidence of identity which was Mass Driver's 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

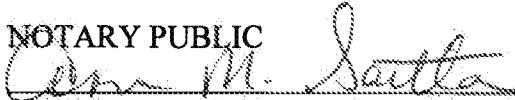
SIGNED this 4th day of December, 2013.


Name: **Hetal Sarvaiya**

COMMONWEALTH OF Massachusetts SS.
COUNTY OF Middlesex

Before me this 4th day of December, 2013, personally appeared **Hetal Sarvaiya**, 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


SIGNED this 19 day of November, 2013.


Name: **Nathaniel Washburn**

COMMONWEALTH OF Massachusetts SS.
COUNTY OF Middlesex

Before me this 19th day of November, 2013, personally appeared **Nathaniel Washburn**, and proved to me through satisfactory evidence of identity which was Massachusetts Driver's 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

Dated this Dec. 12th day of December 2013.

Cuihua Liu
Cuihua Liu

Witnessed By

Jeffery Lee
Witness Signature

Printed Name: Jeffery Lee

Date: 2013.12.12

Witnessed By

Yanan Xu
Witness Signature

Printed Name: Yanan Xu

Date: Dec. 12, 2013

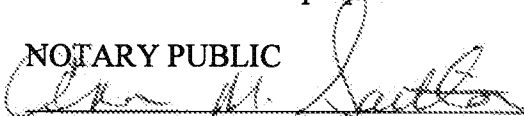
SIGNED this 4th day of December, 2013.


Name: **Xiao-Jin Xu**

COMMONWEALTH OF Massachusetts SS.
COUNTY OF Middlesex

Before me this 4th day of December, 2013, personally appeared **Xiao-Jin Xu**, 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