

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Carlos J. Bosques	12/20/2010
Jennifer Murphy	12/17/2010
Nur Sibel Gunay	10/11/2010
Zachary Shriver	01/07/2011
Cuihua Liu	09/27/2010
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
PCT Number:	US0968790
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Email:	patentdocket@choate.com
Correspondent Name:	Choate Hall & Stewart LLP
Address Line 1:	Two International Place
Address Line 4:	Boston, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	2007774-0090
NAME OF SUBMITTER:	Jessica Russell Colantonio, PhD

OP \$40.00 US0968790

Total Attachments: 4

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ASSIGNMENT

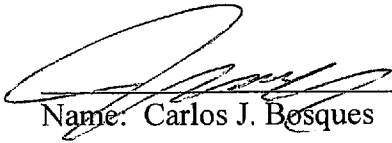
For good and valuable consideration the sufficiency and receipt of which is hereby acknowledged, we the undersigned **Carlos J. Bosques** of **40 Brattle Street, Arlington, MA 02476**, **Jennifer Murphy** of **51 Plymouth Avenue, Marshfield, MA 02050**, **Nur Sibel Gunay** of **26 Holly Lane, Unit 2A Chestnut Hill, MA**, **Zachary Shriver** of **21 Mount Pleasant Street, Winchester, MA 01890** and **Cuihua Liu** of **16 Merrill Avenue, Belmont, MA 02468**, hereby

Sell, assign and transfer to **Momenta Pharmaceuticals, Inc.**, having a place of business at **675 West Kendall Street, Cambridge, MA 02142, USA**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled **METHODS RELATED TO MODIFIED GLYCANS** filed **December 18, 2009** and given serial number **PCT/US2009/068790**, in and to said application and all divisional, continuing, substitute, renewal, reissue, reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful declarations, oaths, assignments and other papers; by communicating to said ASSIGNEE all facts known to him/her relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE. Each of the undersigned also hereby appoints ASSIGNEE as its common agent for purposes of prosecuting international patent applications and any material patent applications for which such common agency is recognized.

Hereby request the Honorable Director of the United States Patent and Trademark Office to issue said Letters Patent to said ASSIGNEE.

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 him/her, and that full right to convey the same as herein expressed is possessed by him/her.


Name: Carlos J. Bosques

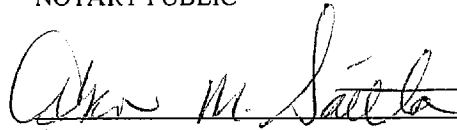
Dec-20-2010
Date

COMMONWEALTH OF MASSACHUSETTS
SS:

COUNTY OF MIDDLESEX

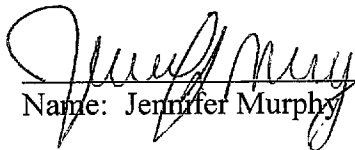
On this 20th day of December, 2010, before me, the undersigned notary public, personally appeared **Carlos J. Bosques**, and proved to me through satisfactory evidence of identification, which consisted of Massachusetts Driver's License, to be the person whose name is signed above in my presence.

NOTARY PUBLIC


ANN M. SAITTA

[Notary's Seal Here]

My Commission Expires: June 11, 2015


Name: Jennifer Murphy

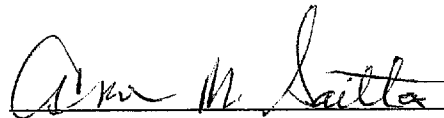
17 DEC 2010
Date

COMMONWEALTH OF MASSACHUSETTS
SS:

COUNTY OF MIDDLESEX

On this 17th day of December, 2010, before me, the undersigned notary public, personally appeared **Jennifer Murphy**, and proved to me through satisfactory evidence of identification, which consisted of Massachusetts Driver's License, to be the person whose name is signed above in my presence.

NOTARY PUBLIC


ANN M. SAITTA

[Notary's Seal Here]

My Commission Expires: June 11, 2015

Attorney Docket No.: 2007774-0090

[Signature]
Name: Nur Sibel Gunay

11 October 2010
Date

COMMONWEALTH OF MASSACHUSETTS
SS:
COUNTY OF MIDDLESEX

On this 11th day of October, 2010, before me, the undersigned notary public, personally appeared **Nur Sibel Gunay**, and proved to me through satisfactory evidence of identification, which consisted of Massachusetts Driver's License, to be the person whose name is signed above in my presence.

NOTARY PUBLIC

[Signature]
ANN M. SAITTA

[Notary's Seal Here]

My Commission Expires: June 11, 2015

[Signature]
Name: Zachary Shriver

07 Jan 11
Date

COMMONWEALTH OF MASSACHUSETTS
SS:
COUNTY OF MIDDLESEX

On this 07 day of Oct ²⁰¹⁰ January, ²⁰¹¹ 2010, before me, the undersigned notary public, personally appeared **Zachary Shriver**, and proved to me through satisfactory evidence of identification, which consisted of Massachusetts Driver's License, to be the person whose name is signed above in my presence.

NOTARY PUBLIC

[Signature]
ANN M. SAITTA

[Notary's Seal Here]

My Commission Expires: June 11, 2015

Attorney Docket No.: 2007774-0090

Cuihua Liu

Name: Cuihua Liu

09/27/2010

Date

COMMONWEALTH OF MASSACHUSETTS

SS:

COUNTY OF MIDDLESEX

On this 27th day of September, 2010, before me, the undersigned notary public, personally appeared **Cuihua Liu**, and proved to me through satisfactory evidence of identification, which consisted of Massachusetts Driver's License, to be the person whose name is signed above in my presence.

NOTARY PUBLIC

Ann M. Saitta

ANN M. SAITTA

[Notary's Seal Here]

My Commission Expires: June 11, 2015

Attorney Docket No.: 2007774-0090