

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4927181

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the INVENTOR'S EXECUTION DATE previously recorded on Reel 045243 Frame 0049. Assignor(s) hereby confirms the INVENTOR'S EXECUTION DATE SHOULD READ 11/09/2006.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMES MYETTE	11/09/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MOMENTA PHARMACEUTICALS, INC.
<b>Street Address:</b>	675 WEST KENDALL STREET
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02142
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12436751
<b>Application Number:</b>	12974786
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	617-248-5000
<b>Email:</b>	patentdocket@choate.com
<b>Correspondent Name:</b>	CHOATE HALL & STEWART LLP
<b>Address Line 1:</b>	TWO INTERNATIONAL PLACE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	2010403-0158 & 0159
<b>NAME OF SUBMITTER:</b>	NISHAT A. SHAIKH, JD
<b>SIGNATURE:</b>	/Nishat A. Shaikh/
<b>DATE SIGNED:</b>	04/23/2018
<b>Total Attachments: 5</b>	
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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

Original Cover Sheet

EPAS ID: PAT4869002

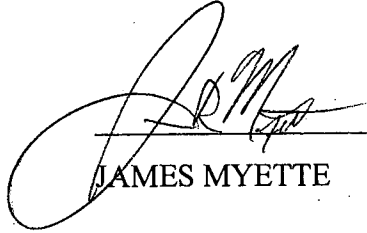
<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMES MYETTE	01/12/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MOMENTA PHARMACEUTICALS, INC.
<b>Street Address:</b>	675 WEST KENDALL STREET
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02142
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	7888072
<b>Patent Number:</b>	8198050
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	6172485000
<b>Email:</b>	patentdocket@choate.com
<b>Correspondent Name:</b>	CHOATE HALL & STEWART LLP
<b>Address Line 1:</b>	TWO INTERNATIONAL PLACE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	2010403-0158 AND 0159
<b>NAME OF SUBMITTER:</b>	NISHAT A. SHAIKH
<b>SIGNATURE:</b>	/Nishat A. Shaikh/
<b>DATE SIGNED:</b>	03/15/2018
<b>Total Attachments: 2</b>	
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ASSIGNMENT

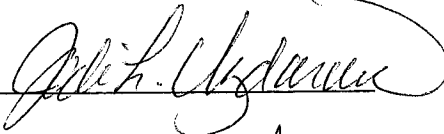
For valuable consideration, I, JAMES MYETTE of 33 Winthrop Street, Waltham, MA 02453, hereby assign to: Momenta Pharmaceuticals, Inc., a corporation of Delaware having a place of business at:

675 West Kendall Street  
Cambridge, MA 02142; and

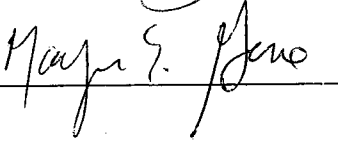
its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled HEPARAN SULFATE GLYCOSAMINOGLYCAN LYASE AND USES THEREOF, filed 11/3/2006, and assigned U.S. Serial Number 11/592,622, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

  
\_\_\_\_\_  
JAMES MYETTE

Witnessed by:

Name:   
\_\_\_\_\_

Date: 11/9/06

Name:   
\_\_\_\_\_

Date: 11/09/06

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