

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4868273

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZACHARY SHRIVER	04/17/2007
DANIELA BECCATI	04/17/2007
ISHAN CAPILA	04/17/2007
NUR SIBEL GUNAY	04/17/2007
JENNIFER OZUG	04/18/2007
STEVE WUDYKA	04/18/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MOMENTA PHARMACEUTICALS, INC.
<b>Street Address:</b>	TWO INTERNATIONAL PLACE
<b>City:</b>	BOSTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02110
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	7816144
<b>Patent Number:</b>	8076149
<b>Patent Number:</b>	8617896
<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>	2010403-0199, 0200 & 0202
<b>NAME OF SUBMITTER:</b>	NISHAT A. SHAIKH
<b>SIGNATURE:</b>	/Nishat A. Shaikh/

<b>DATE SIGNED:</b>	03/15/2018
<b>Total Attachments: 7</b> source=M0025US_Assignment#page1.tif source=M0025US_Assignment#page2.tif source=M0025US_Assignment#page3.tif source=M0025US_Assignment#page4.tif source=M0025US_Assignment#page5.tif source=M0025US_Assignment#page6.tif source=M0025US_Assignment#page7.tif	

# ASSIGNMENT

For valuable consideration, we, Zachary Shriver, of 16 Fairmont Avenue, Cambridge, MA 02139; Daniela Beccati, of 1641 Commonwealth Avenue # 12, Brighton, MA 02135; Ishan Capila, of 50 Kings Row, Ashland, MA 01721; Nur Sibel Gunay, of 1284 Beacon Street, Apt# 111, Brookline, MA, 02446; Jennifer Ozug, of 217 Rock St Unit H11, Norwood, MA 02062; and Steve Wudyka, of 200 Abbott Street, North Andover, MA 01845; 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 us, entitled EVALUATING MIXTURES OF LOW MOLECULAR WEIGHT HEPARINS BY CHAIN PROFILES OR CHAIN MAPPING, filed January 26, 2007 , and assigned U.S. Serial Number 60/886,735 , 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 we authorize the Assignee to apply in all countries in our 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 we agree for ourselves and our 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.

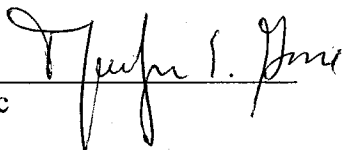
DATE: 17 Apr 07

  
ZACHARY SHRIVER

STATE OF Massachusetts )  
COUNTY OF Middlesex ) SS.

On April 18, 2007, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared ZACHARY SHRIVER personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

  
Notary Public

DATE: April 17, 2007

Daniela Beccati  
DANIELA BECCATI

STATE OF Massachusetts )  
COUNTY OF Middlesex ) SS.

On 04/17/07, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared DANIELA BECCATI personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his or her authorized capacity and that by his or her signature on this Assignment, the person or the entity upon behalf of which he or she acted, executed this Assignment.

WITNESS my hand and official seal.

Maureen S. Gane  
Notary Public

DATE: Apr 17, 2007

ISHAN CAPILA

STATE OF Massachusetts )  
COUNTY OF Middlesex ) SS.

On 04/17/07, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared ISHAN CAPILA personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his or her authorized capacity and that by his or her signature on this Assignment, the person or the entity upon behalf of which he or she acted, executed this Assignment.

WITNESS my hand and official seal.

Notary Public

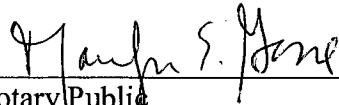
DATE: 17 April, 2007.

  
\_\_\_\_\_  
NUR SIBEL GUNAY

STATE OF Massachusetts )  
COUNTY OF Middlesex ) SS.

On 04/17/07, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared NUR SIBEL GUNAY personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his or her authorized capacity and that by his or her signature on this Assignment, the person or the entity upon behalf of which he or she acted, executed this Assignment.

WITNESS my hand and official seal.

  
\_\_\_\_\_  
Notary Public

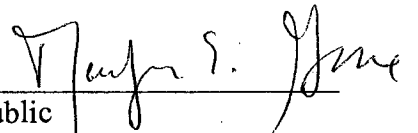
DATE: 18 Apr 07

  
JENNIFER OZUG

STATE OF Massachusetts )  
COUNTY OF Middlesex ) SS.

On 04/18/07 April 18, 2007, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared JENNIFER OZUG personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in her authorized capacity and that by her signature on this Assignment, the person or the entity upon behalf of which she acted, executed this Assignment.

WITNESS my hand and official seal.

  
Notary Public



DATE: Apr 18, 2007

Steve Wudyka  
STEVE WUDYKA

STATE OF Massachusetts )  
COUNTY OF Middlesex ) SS.

On April 18<sup>th</sup> 2007, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared STEVE WUDYKA personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Theresa S. Gane  
Notary Public

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