

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3721826

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MALLIKARJUN SUNDARAM	04/22/2008
TAKASHI KEI KISHIMOTO	03/24/2008
SUCHARITA ROY	04/07/2008
<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: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12739287
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)395-7070
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<b>Phone:</b>	(617) 395-7061
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<b>Address Line 4:</b>	CAMBRIDGE, MASSACHUSETTS 02142
<b>ATTORNEY DOCKET NUMBER:</b>	M2050-7042US
<b>NAME OF SUBMITTER:</b>	ANGELA M. GRANT
<b>SIGNATURE:</b>	/Angela M. Grant/
<b>DATE SIGNED:</b>	02/02/2016
<b>Total Attachments: 4</b>	
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ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, the undersigned MALLIK SUNDARAM of 25 Penny Lane, Randolph, NJ 07869, TAKASHI KEI KISHIMOTO of 46 Coolidge Avenue, Lexington, MA 02420, and SUCHARATA ROY of 7 Shakespeare Road, Tyngsboro, MA 01879; hereby:

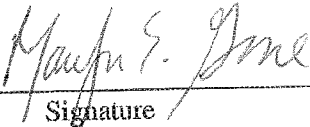
Sell, assign and transfer to MOMENTA PHARMACEUTICALS, INC., a corporation having a place of business at 675 West Kendall Street, Cambridge, MA 02142, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on November 2, 2007 under Application Serial No. 60/985,080 and entitled NON-ANTICOAGULANT POLYSACCHARIDE COMPOSITIONS, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries 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; and further including any right to sue for past infringement;

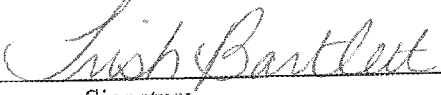
Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably 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;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

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.

April 22, 2008   
Date Mallik Sundaram

Witnessed By:  On: 04/22/08  
Signature Date  
Marilyn E. Gosse  
Printed Name

Witnessed By:  On: 4/22/08  
Signature Date  
Trish Bartlett  
Printed Name

Docket No.: M2050-704201  
Assignment- Page 3 of 4

24 Mar 2008  
Date

Takashi Kei Kishimoto  
Takashi Kei Kishimoto

STATE OF Massachusetts :  
COUNTY OF Middlesex :

Subscribed and sworn to before me this 24<sup>th</sup> day of March 2008.

SEAL

Marilyn E. Yarn  
Notary Public

My Commission Expires 09/27/2013

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7<sup>th</sup> April 2008.  
Date

Sucharita Roy  
Sucharata Roy SUCHARITA ROY SR

STATE OF MASSACHUSETTS :  
COUNTY OF Middlesex :

Subscribed and sworn to before me this 7<sup>th</sup> day of April 2008.

SEAL

Maureen S. Done  
Notary Public  
My Commission Expires 09/27/2013

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