

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>He Zhou</td> <td>01/22/2013</td> </tr> <tr> <td>Edward Cochran</td> <td>02/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	He Zhou	01/22/2013	Edward Cochran	02/20/2013
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He Zhou	01/22/2013						
Edward Cochran	02/20/2013						
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							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13704575</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13704575		
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Application Number:	13704575						
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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Address Line 4:	Cambridge, MASSACHUSETTS 02142						
ATTORNEY DOCKET NUMBER:	M2050-7061US						
NAME OF SUBMITTER:	Angela M. Grant						
Total Attachments: 4 source=M0076US_executed_assignment#page1.tif source=M0076US_executed_assignment#page2.tif source=M0076US_executed_assignment#page3.tif source=M0076US_executed_assignment#page4.tif							

CH \$40.00 13704575

## ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, the undersigned He Zhou of Mei Shu Guan Hou Jie Building 25 #701, Dong Cheng District, Beijin, PR China, 100010; Edward Cochran of 54 West Street, Marshfield, MA 02050 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 December 14, 2012 under Application Serial No. 13/704,575 and entitled METHODS AND COMPOSITIONS FOR PROMOTING HAIR GROWTH, 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.

Ed Cochran  
Name: Ed Cochran

2/20/13  
Date

COMMONWEALTH OF MASSACHUSETTS

SS:

COUNTY OF MIDDLESEX

On this 20th day of February, 2013, before me, the undersigned notary public, personally appeared Ed Cochran, who proved to me through satisfactory evidence of identification, which consisted of Massachusetts Drivers License, to be the person whose name is signed above in my presence.

NOTARY PUBLIC

Ann M. Saitta

ANN M. SAITTA

My Commission Expires: June 11, 2015

[Notary's Seal Here]

## ASSIGNMENT

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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.

Dated this 22nd day of January 2013

  
He Zhou

Witnessed By

Wang Jinhua  
Witness Signature

Printed Name: Wang Jinhua

Date: Jan. 22 2013

Witnessed By

Tan Jie  
Witness Signature

Printed Name: Tan Jie

Date: Jan. 22. 2013