

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Joseph Richard CREEKMORE</td> <td>08/06/2012</td> </tr> <tr> <td>Sanjeev Hukmichand KOTHARI</td> <td>08/30/2012</td> </tr> <tr> <td>Bradford J. MUELLER</td> <td>07/27/2012</td> </tr> <tr> <td>Yingxu PENG</td> <td>07/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Joseph Richard CREEKMORE	08/06/2012	Sanjeev Hukmichand KOTHARI	08/30/2012	Bradford J. MUELLER	07/27/2012	Yingxu PENG	07/27/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>AstraZeneca Pharmaceuticals LP</td> </tr> <tr> <td>Street Address:</td> <td>1800 Concord Pike, P.O. Box 15437</td> </tr> <tr> <td>City:</td> <td>Wilmington</td> </tr> <tr> <td>State/Country:</td> <td>DELAWARE</td> </tr> <tr> <td>Postal Code:</td> <td>19850-5437</td> </tr> </table>		Name:	AstraZeneca Pharmaceuticals LP	Street Address:	1800 Concord Pike, P.O. Box 15437	City:	Wilmington	State/Country:	DELAWARE	Postal Code:	19850-5437
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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>13475525</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13475525						
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Application Number:	13475525										
CORRESPONDENCE DATA											
Fax Number: 2027393001 Phone: 202.739.3000 Email: patents@morganlewis.com, ateckman@morganlewis.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Gregory T. Lowen Address Line 1: 1111 Pennsylvania Avenue NW Address Line 4: Washington, DISTRICT OF COLUMBIA 20004											
NAME OF SUBMITTER:	Gregory T. Lowen										
Total Attachments: 5 source=056291-5539-Assignment2#page1.tif source=056291-5539-Assignment2#page2.tif source=056291-5539-Assignment2#page3.tif source=056291-5539-Assignment2#page4.tif source=056291-5539-Assignment2#page5.tif											

THIS CONFIRMATORY ASSIGNMENT is made as of the 17th day of May 2012 (the "Effective Date")

BY AND BETWEEN

Joseph Richard CREEKMORE a US citizen of AstraZeneca R&D Wilmington, P O Box 15437, 1800 Concord Pike, Wilmington, Delaware 19850-5437, USA and Sanjeev Hukmichand KOTHARI a US citizen, Bradford J. MUELLER a US citizen and Yingxu PENG a Chinese citizen all c/o AstraZeneca Intellectual Property, AstraZeneca R&D Wilmington, P O Box 15437, 1800 Concord Pike, Wilmington, Delaware 19850-5437, USA (the "Inventor(s)")

AND

ASTRAZENECA PHARMACEUTICALS LP, a Delaware Limited Partnership, whose principal place of business is at 1800 Concord Pike, P.O. Box 15437, Wilmington, Delaware 19850-5437, United States of America ("AstraZeneca")

Recitals

WHEREAS

- A. The Inventor(s) has made certain inventions (the "Inventions") in respect of which US Application No. 13/475525 was filed on the 18th day of May 2012 (the "Patent Application").
- B. The Inventor(s) Joseph Richard CREEKMORE is an employee of AstraZeneca.
- C. The Inventor(s) Sanjeev Hukmichand KOTHARI, Bradford J. MUELLER and Yingxu PENG were employees of AstraZeneca. at the time the Invention was made.

NOW THEREFORE IT IS HEREBY AGREED AS FOLLOWS:

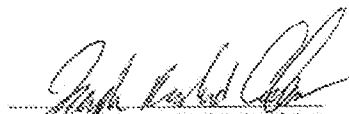
1. In consideration of the amounts paid to the Inventor(s) pursuant to their contract of employment with AstraZeneca, the Inventor(s) each hereby confirm that by virtue of their employment with AstraZeneca they have assigned, and do hereby assign, with full title guarantee, free from all and any charges or other third party rights, to AstraZeneca absolutely all their right, title and interest in and to the Inventions and the Patent Application, or any continuing or divisional application of the Patent Application in accordance with their contracts of employment.
2. The Inventor(s) each hereby agree with AstraZeneca that their assignment to AstraZeneca includes, but is not limited to, any and all causes of action, claims, demands or other rights, occasioned from or because of any and all past and future infringement of any of the Patent Application, including all rights to recover damages, profits and injunctive relief for infringement of any of the Patent Application, and the right to file a patent application anywhere in the world claiming convention priority.
3. The Inventor(s) each hereby agree with AstraZeneca that they will execute such further documents and give such assistance at the expense of AstraZeneca as AstraZeneca may require:
 - a) to secure the vesting in AstraZeneca of all rights in the Patent Application and in such parties to whom AstraZeneca may assign its rights in the Patent Application;
 - b) to defeat any challenge to the validity of and resolve any questions concerning the Patent Application; and

- c) to apply for, prosecute and obtain patent or similar protection in the United States and all other countries of the world for an invention embodied by the Patent Application, including the right to claim convention priority from such Application and including, without limitation, cooperating in any proceedings involving examinations, re-examinations, reissues, opposition and cancellation proceedings, interferences, infringement proceedings, court actions and the like.
4. The Inventor(s) each hereby agree with AstraZeneca that they shall, at the expense of AstraZeneca, execute and sign all such instruments, applications and documents and do all such acts and things as may reasonably be required by AstraZeneca to enable AstraZeneca or its nominee to enjoy the full benefit of the rights assigned by this agreement.
5. AstraZeneca accepts the above assignment.
6. This assignment shall be governed by and construed in accordance with the laws of England and Wales and the parties hereby submit to the exclusive jurisdiction of the English courts.

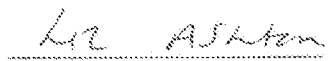
Any attorney of record is authorized and requested by the execution of this assignment to insert into this assignment any further information necessary for recordation of this document.

This agreement has been entered into on the date stated at the beginning of it.

Signed at: Delaware, USA Date: 6 Aug 2012

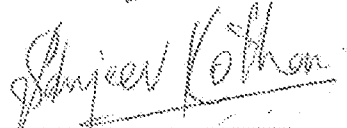

Joseph Richard CREEKMORE

Witnessed by:


Name: LIZ ASHTON

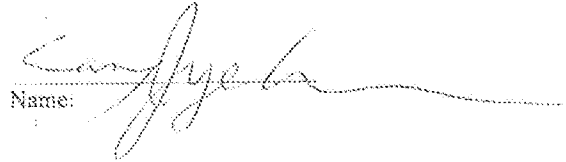
Signed at: Delaware USA

Date: 30 AUG 2012



Sanjeev Hukmichand KOTHARI

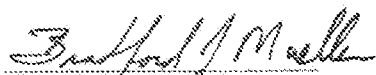
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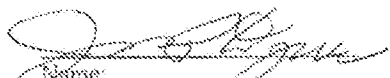
Name:

Signed at: Delaware, USA

Date: 27 Jun 2012


Bradford J. MUELLER

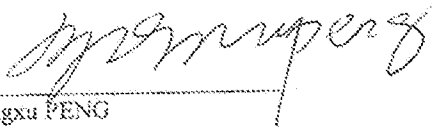
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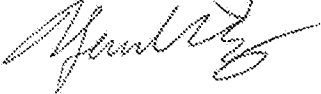
Signed at: Paoli, PA 19301

Date: July 27, 2012

Date: _____

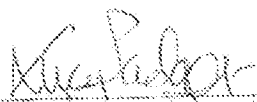

Yingxu PENG

Witnessed by:

Yanli Zhuang
Name: 

Signed at: Paoli, PA 19301

Date: 27 July, 2012


Signed for and on behalf of:
ASTRAZENECA PHARMACEUTICALS LP
Name: Lucy PADGET
Capacity: Authorised Signatory