

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Allison L Choy</td><td>06/10/2009</td></tr><tr><td>Pamela Hill</td><td>06/10/2009</td></tr><tr><td>John Irvin Manchester</td><td>06/10/2009</td></tr></tbody></table>		Name	Execution Date	Allison L Choy	06/10/2009	Pamela Hill	06/10/2009	John Irvin Manchester	06/10/2009
Name	Execution Date								
Allison L Choy	06/10/2009								
Pamela Hill	06/10/2009								
John Irvin Manchester	06/10/2009								
RECEIVING PARTY DATA									
Name:	AstraZeneca AB								
Street Address:	SE-151 85								
City:	Sodertalje								
State/Country:	SWEDEN								
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>12477781</td></tr></tbody></table>		Property Type	Number	Application Number:	12477781				
Property Type	Number								
Application Number:	12477781								
CORRESPONDENCE DATA									
Fax Number: (781)839-4121 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Email: heather.randhahn@astrazeneca.com									
Correspondent Name: Heather Randhahn									
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Address Line 2: 35 Gatehouse Drive									
Address Line 4: Waltham, MASSACHUSETTS 02451									
ATTORNEY DOCKET NUMBER:	103332-1 US								
NAME OF SUBMITTER:	Theresa Devlin								
Total Attachments: 3 source=103332assg#page1.tif source=103332assg#page2.tif source=103332assg#page3.tif									

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PATENT  
REEL: 022832 FRAME: 0992

## ASSIGNMENT

Now, therefore, for good and valuable consideration, receipt and sufficiency of which is hereby acknowledged, I/we

CHOY, Allison, Laura (a US citizen) of AstraZeneca R&D Boston, 35 Gatehouse Drive, Waltham, MA 02451, United States;

HILL, Pamela (a US citizen) of AstraZeneca R&D Boston, 35 Gatehouse Drive, Waltham, MA 02451, United States;

MANCHESTER, John, Irvin (a US citizen) of AstraZeneca R&D Boston, 35 Gatehouse Drive, Waltham, MA 02451, United States; and

SHERER, Brian (a US citizen) of AstraZeneca R&D Boston, 35 Gatehouse Drive, Waltham, MA 02451, United States;

hereafter referred to as ASSIGNOR (S),

Hereby sell(s), assign(s) and transfer(s) to ASSIGNEE **AstraZeneca AB**, a company created and existing under the laws of Sweden, having its Head Office at SE-151 85 Södertälje, Sweden, and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, in and to the inventions and any and all improvements thereon which are the subject of an application entitled:

### HETEROCYCLIC UREA DERIVATIVES AND METHODS OF USE THEREOF

And which is disclosed in:

- (a) ☐ U.S. patent application executed on even date herewith;
- (b) ☐ U.S. patent application executed on \_\_\_\_\_;
- (c) ☒ U.S. application no. 12/477,781 filed on June 03, 2009;
- (d) ☐ International application no. \_\_\_\_\_ filed on \_\_\_\_\_.

And in and to the above application and any legal equivalent thereof in a foreign country, including the right to claim priority, and in and to any division, continuation or continuation-in-part, renewal or substitute thereof, and in and to all resulting Letters Patents or any reissue or reexamination thereof, to have and to hold the same to the full end of the term or terms for which any and all of said Letters Patent may be granted;

ASSIGNOR(S) authorize(s) and request(s) the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns;

ASSIGNOR(S) hereby covenant(s) that ASSIGNOR(S) has/have the full power to make this assignment, and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; and

Without further payment or compensation by the ASSIGNEE or its successors and assigns, ASSIGNOR(S) further covenant(s) and agree(s) to communicate to said ASSIGNEE or its representatives, agents, its successors or assigns, any facts relating to said invention or inventions including evidence for purposes of interference or other administrative or legal proceedings whenever requested; to testify in any interference, legal or administrative proceedings, whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to do everything possible to aid said ASSIGNEE, its successors or assigns and nominees

to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

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.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below written.

Allison L Cho June 10, 2009  
**CHOY, Allison, Laura**  
 Signature of Assignor

\_\_\_\_\_  
 Date of Assignor's Signature

WITNESSED BY:

Heather Randhahn  
 Signature of Witness  
 Name of Witness Heather Randhahn  
 (Type or print clearly)

Andrew Williams  
 Signature of Witness  
 Name of Witness ANDREW WILLIAMS  
 (Type or print clearly)

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below written.

Pamela Hill June 10, 2009  
**HILL, Pamela**  
 Signature of Assignor

\_\_\_\_\_  
 Date of Assignor's Signature

WITNESSED BY:

Heather Randhahn  
 Signature of Witness  
 Name of Witness  
 (Type or print clearly)

Andrew Williams  
 Signature of Witness  
 Name of Witness ANDREW WILLIAMS  
 (Type or print clearly)

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below written.

John Irvin Manchester June 10, 2009  
**MANCHESTER, John, Irvin**  
 Signature of Assignor

\_\_\_\_\_  
 Date of Assignor's Signature

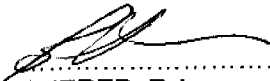
WITNESSED BY:

Heather Randhahn  
 Signature of Witness  
 Name of Witness Heather Randhahn  
 (Type or print clearly)

Andrew Williams  
 Signature of Witness  
 Name of Witness ANDREW WILLIAMS  
 (Type or print clearly)

Additional signature pages attached: ☒ Yes ☐ No

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below written.

 June 12, 2008

**SHERER, Brian**  
Signature of Assignor

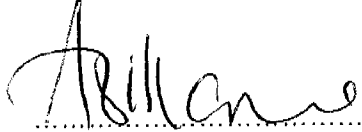
.....  
Date of Assignor's Signature

**WITNESSED BY:**

 .....

Signature of Witness

Name of Witness Heather Kandhahn  
(Type or print clearly)

 .....

Signature of Witness

Name of Witness  
(Type or print clearly)

Audrey Williams

.....  
Additional signature pages attached: ☐ Yes ☒ No