## PATENT ASSIGNMENT

### Electronic Version v1.1
### Stylesheet Version v1.1

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<th>SUBMISSION TYPE:</th>
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<td>NATURE OF CONVEYANCE:</td>
<td>ASSIGNMENT</td>
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### CONVEYING PARTY DATA

<table>
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<tr>
<th>Name</th>
<th>Execution Date</th>
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<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>
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### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name:</th>
<th>AstraZeneca AB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address:</td>
<td>SE-151 85</td>
</tr>
<tr>
<td>City:</td>
<td>Sodertalje</td>
</tr>
<tr>
<td>State/Country:</td>
<td>SWEDEN</td>
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### PROPERTY NUMBERS Total: 1

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<tr>
<td>Application Number</td>
<td>12477781</td>
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### CORRESPONDENCE DATA

Fax Number: (781)839-4121  
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: heather.randhahn@astrazeneca.com  
Correspondent Name: Heather Randhahn

Address Line 1: AstraZeneca  
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
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**500887529**

**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 Sodertalje, 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.

CHOI, Allison, Laura
Signature of Assignor

Date of Assignor's Signature

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

HILL, Pamela
Signature of Assignor

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

MANCHESTER, John, Irvin
Signature of Assignor

Additional signature pages attached: ☒ Yes ☐ No
IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below written.

SHERER, Brian  
Signature of Assignor  

Date of Assignor's Signature

WITNESSED BY:

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

Signature of Witness  
Name of Witness  
(Type or print clearly) Audrey Williams

Additional signature pages attached: ☐ Yes  ☒ No