

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Rhony Aufdenblatten</td> <td>05/13/2009</td> </tr> <tr> <td>Martin Hans Bohlin</td> <td>05/11/2009</td> </tr> <tr> <td>Laurent Ducry</td> <td>05/11/2009</td> </tr> <tr> <td>Ulrika Lindblad</td> <td>06/12/2009</td> </tr> <tr> <td>Mattias Magnusson</td> <td>05/08/2009</td> </tr> </tbody> </table>		Name	Execution Date	Rhony Aufdenblatten	05/13/2009	Martin Hans Bohlin	05/11/2009	Laurent Ducry	05/11/2009	Ulrika Lindblad	06/12/2009	Mattias Magnusson	05/08/2009
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RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>AstraZeneca AB</td> </tr> <tr> <td>Street Address:</td> <td>Head Office</td> </tr> <tr> <td>City:</td> <td>Sodertalje</td> </tr> <tr> <td>State/Country:</td> <td>SWEDEN</td> </tr> <tr> <td>Postal Code:</td> <td>SE-151 85</td> </tr> </table>		Name:	AstraZeneca AB	Street Address:	Head Office	City:	Sodertalje	State/Country:	SWEDEN	Postal Code:	SE-151 85		
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (267)430-7514 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 610.640.5415 Email: machadol@pepperlaw.com Correspondent Name: Paul K. Legaard, Ph.D. Address Line 1: 400 Berwyn Park, 899 Cassatt Road Address Line 2: Pepper Hamilton LLP Address Line 4: Berwyn, PENNSYLVANIA 19103</p>													
ATTORNEY DOCKET NUMBER:	133087.32401												
NAME OF SUBMITTER:	Lisa Machado												

OP \$40.00 12270999

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PATENT
 REEL: 022879 FRAME: 0356

Total Attachments: 9

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ASSIGNMENT

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

AUFDENBLATTEN Rhony a CH citizen of Terbinerstr. 27a, 3930 Visp, Switzerland; BOHLIN Martin Hans a SE citizen of AstraZeneca R&D Södertälje, SE-151 85 Södertälje, Sweden; DUCRY Laurent a CH citizen of Chemin des Vendanges 20, 3960 Sierre, Switzerland; LINDBLAD Ulrika a SE citizen of C/O AstraZeneca Intellectual Property, Södertälje, SE-151 85 Södertälje, Sweden; MAGNUSSON Mattias a SE citizen of AstraZeneca R&D Södertälje, SE-151 85 Södertälje, Sweden

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:

NEW PROCESS 054

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. 12/270999 filed on 14 November 2008;
- (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.

.....
AUFDENBLATTEN Rhony
Signature of Assignor

.....
Date of Assignor's Signature

WITNESSED BY:

.....
Signature of Witness
Name of Witness
(Type or print clearly)

.....
Signature of Witness
Name of Witness
(Type or print clearly)

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

.....
BOHLIN Martin Hans
Signature of Assignor

.....
Date of Assignor's Signature

WITNESSED BY:

.....
Signature of Witness
Name of Witness
(Type or print clearly)

.....
Signature of Witness
Name of Witness
(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.

.....
DUCRY Laurent
Signature of Assignor

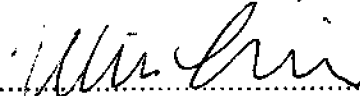
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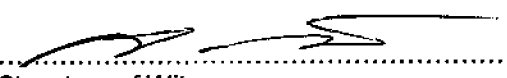
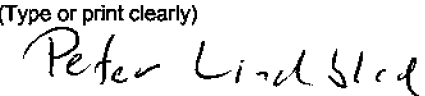
.....
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Name of Witness
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IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below written.


.....
LINDBLAD Ulrika
Signature of Assignor


.....
Date of Assignor's Signature

WITNESSED BY:


.....
Signature of Witness
Name of Witness
(Type or print clearly)



.....
Signature of Witness
Name of Witness
(Type or print clearly)

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

.....
MAGNUSSON Mattias
Signature of Assignor

.....
Date of Assignor's Signature

WITNESSED BY:

.....
Signature of Witness
Name of Witness
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Signature of Witness
Name of Witness
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AUFDENBLATTEN Rhony

Signature of Assignor

.....
Date of Assignor's Signature

WITNESSED BY:

.....
Signature of Witness

Name of Witness

(Type or print clearly)

.....
Signature of Witness

Name of Witness

(Type or print clearly)

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

Martin Hans Bohlin

.....
BOHLIN Martin Hans

Signature of Assignor

2009-05-11

.....
Date of Assignor's Signature

WITNESSED BY:

MATTHEW J. JAMES

.....
Signature of Witness

Name of Witness

(Type or print clearly)

Bengt Åslund

.....
Signature of Witness

Name of Witness

(Type or print clearly)

Bengt Åslund

Additional signature pages attached: ☒ Yes ☐ No

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

.....
DUCRY Laurent
Signature of Assignor

.....
Date of Assignor's Signature

WITNESSED BY:

.....
Signature of Witness
Name of Witness
(Type or print clearly)

.....
Signature of Witness
Name of Witness
(Type or print clearly)

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

.....
LINDBLAD Ulrika
Signature of Assignor

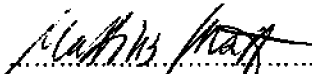
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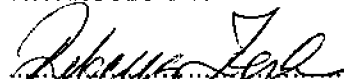
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IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date below written.


.....
MAGNUSSON Mattias
Signature of Assignor

2009-05-08
.....
Date of Assignor's Signature

WITNESSED BY:


.....
Signature of Witness
Name of Witness
(Type or print clearly)


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Signature of Witness
Name of Witness
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REBECCA ZENNARO

Camilla Nyquist

Additional signature pages attached: ☐ Yes ☒ No

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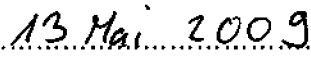
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.....
AUFDENBLATTEN Rhony
Signature of Assignor


.....
13 Mai 2009
Date of Assignor's Signature

WITNESSED BY:


.....
Attilio Capelli
Signature of Witness
Name of Witness
(Type or print clearly)


.....
Quarroz Daniel
Signature of Witness
Name of Witness
(Type or print clearly)

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

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BOHLIN Martin Hans
Signature of Assignor

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Date of Assignor's Signature

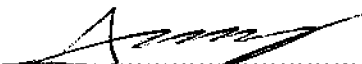
WITNESSED BY:

.....
Signature of Witness
Name of Witness
(Type or print clearly)

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Signature of Witness
Name of Witness
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Additional signature pages attached: ☒ Yes ☐ No

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



DUCRY Laurent
Signature of Assignor

11 May 2009

Date of Assignor's Signature

WITNESSED BY:

JOHN GORDON

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



FAMELA BRAUN P. Braun

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

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

LINDBLAD Ulrika

Signature of Assignor

Date of Assignor's Signature

WITNESSED BY:

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

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

MAGNUSSON Mattias

Signature of Assignor

Date of Assignor's Signature

WITNESSED BY:

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

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

Additional signature pages attached: ☐ Yes ☒ No