PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

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<tr>
<th>SUBMISSION TYPE:</th>
<th>NEW ASSIGNMENT</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>Nicola Murdoch Heron</td>
<td>06/01/2005</td>
</tr>
<tr>
<td>Andrew Austen Mortlock</td>
<td>05/20/2005</td>
</tr>
<tr>
<td>Frederic Henri Jung</td>
<td>05/18/2005</td>
</tr>
<tr>
<td>Georges Rene Pasquet</td>
<td>05/18/2005</td>
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RECEIVING PARTY DATA

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

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<tr>
<td>Application Number</td>
<td>10539220</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.
Phone: 781-839-4182
Email: lucy.padget@astra zeneca.com
 Correspondent Name: Lucy Padget
Address Line 1: 35, Gatehouse Drive
Address Line 2: AstraZeneca
Address Line 4: Waltham, MASSACHUSETTS 02451

NAME OF SUBMITTER: Lucy Padget

Total Attachments: 3
ASSIGNMENT

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

HERON, Nicola, Murdoch and MORTLOCK, Andrew, Austen of AstraZeneca R&D Alderley, Alderley Park, Macclesfield, Cheshire, SK10 4TG, United Kingdom and JUNG, Frederic, Henri and PASQUET, Georges, Rene of AstraZeneca Pharma, Z.I. La Pompelle, BP 1050, F-51689 Reims, Cedex 2, France

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 thereof which are the subject of an application entitled:

PHOSPHONOOXY QUINAZOLINE DERIVATIVES AND THEIR PHARMACEUTICAL USE

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. ____ 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.

HERON, Nicola, Murdoch
Signature of Assignor

1st June 2005
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)

YVETTE PARKINSON

LINDSAY BLIDDETT.

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

MORTLOCK, Andrew, Austen
Signature of Assignor

20 May 2005
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)

YVETTE PARKINSON
LINDSAY BLIDDETT.

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

JUNG, Frederic, Henri
Signature of Assignor

18th May 2005
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)

BARLAH Bernard
WARIN Nicola

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

PASQUET, Georges, Rene
Signature of Assignor

Date of Assignor's Signature

WITNESSED BY:

WARIN, Nicole
Signature of Witness
Name of Witness
(Type or print clearly)

DELVAE, Christian
Signature of Witness
Name of Witness
(Type or print clearly)

Additional signature pages attached:  □ Yes  ☑ No