### PATENT ASSIGNMENT

**Electronic Version v1.1**  
**Stylesheet Version v1.1**

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#### NATURE OF CONVEYANCE:

#### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
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<tbody>
<tr>
<td>Keith BIGGADIKE</td>
<td>02/02/2004</td>
</tr>
<tr>
<td>Diane Mary COE</td>
<td>02/02/2004</td>
</tr>
<tr>
<td>Dean David EDNEY</td>
<td>02/02/2004</td>
</tr>
<tr>
<td>Stephen Barry GUNTRIP</td>
<td>02/02/2004</td>
</tr>
<tr>
<td>Abigail HALTON</td>
<td>02/03/2004</td>
</tr>
<tr>
<td>Brian Edgar LOOKER</td>
<td>02/02/2004</td>
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<tr>
<td>Michael John MONTEITH</td>
<td>02/02/2004</td>
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<tr>
<td>Rebecca Janes MOORE</td>
<td>02/03/2004</td>
</tr>
<tr>
<td>Rajnikant PATEL</td>
<td>02/02/2004</td>
</tr>
<tr>
<td>Panayiotis Alexandrou PROCOPIOU</td>
<td>02/02/2004</td>
</tr>
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#### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>GLAXO GROUP LIMITED</th>
</tr>
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<tbody>
<tr>
<td>Street Address</td>
<td>Glaxo Wellcome House, Berkeley Avenue</td>
</tr>
<tr>
<td>City</td>
<td>Greenford, Middlesex</td>
</tr>
<tr>
<td>State/Country</td>
<td>UNITED KINGDOM</td>
</tr>
<tr>
<td>Postal Code</td>
<td>UB6 0NN</td>
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**PROPERTY NUMBERS** Total: 4

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**CORRESPONDENCE DATA**

Fax Number: (919)483-7977  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*
<table>
<thead>
<tr>
<th>Phone:</th>
<th>919-483-2252</th>
</tr>
</thead>
<tbody>
<tr>
<td>Email:</td>
<td><a href="mailto:elaine.x.martens@gsk.com">elaine.x.martens@gsk.com</a></td>
</tr>
<tr>
<td>Correspondent Name:</td>
<td>GlaxoSmithKline, Corp Intellectual Prop</td>
</tr>
<tr>
<td>Address Line 1:</td>
<td>Five Moore Drive, PO Box 13398</td>
</tr>
<tr>
<td>Address Line 2:</td>
<td>MAI B475</td>
</tr>
<tr>
<td>Address Line 4:</td>
<td>Research Triangle Pa, NORTH CAROLINA 27709-3398</td>
</tr>
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<thead>
<tr>
<th>ATTORNEY DOCKET NUMBER:</th>
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<tr>
<td>NAME OF SUBMITTER:</td>
<td>Robert J SMITH</td>
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ASSIGNMENT

WHEREAS I/We, a) KEITH BIGGADIKE, a) DIANE MARY COE, b) DEAN DAVID EDNEY, a) STEPHEN BARRY GUNTRIP, b) ABIGAIL HALTON, a) BRIAN EDGAR LOOKER, b) MICHAEL JOHN MONTEITH, b) REBECCA JANE MOORE, b) RAJNIKANT PATEL, a) PANAYIOTIS ALEXANDROU PROCOPIOU of
a) GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY
b) GlaxoSmithKline, Temple Hill Dartford, Kent DA1 5AH..

have made an invention entitled:

PHENETHANOLAMINE DERIVATIVES FOR
TREATMENT OF RESPIRATORY DISEASES

for which on __________________________ I/we executed an application for Letters Patent of the United States of America;

NOW, THEREFORE, in return for valuable consideration paid to me/us by Glaxo Group Limited of Berkeley Avenue, Greenford, Middlesex, UB6 0NN (hereinafter “ASSIGNEE”), the receipt of which is hereby acknowledged and intending to be legally bound, I/we do hereby assign unto the said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the said invention, said executed application, any division, continuation and continuation-in-part of said application and reissue applications, and all Letters Patents of the United States of America to be obtained therefor;

I/we hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

In addition I/we agree to provide ASSIGNEE upon its request with all pertinent facts and documents relating to said invention, and said Letters Patent as may be known and accessible to me/us, and to testify as to the same in any interference or litigation related thereto, and to execute further instruments (including divisional, continuation, continuation-in-part or reissue applications, affidavits or other instruments) required to apply for, obtain, maintain and enforce said application and said Letters Patent which may be necessary; this agreement to be binding upon my/our heirs, executors and administrators.

K. Biggadike
Inventor 1
Keith Biggadike

Date: 2 Feb 2004

Diane Coe
Inventor 2
Diane Mary Coe

Date: 2nd February 2004

Dean David Edney
Inventor 3
Date: 02 - Feb - 2004

PATENT
REEL: 020574 FRAME: 0224
Inventor 4
Stephen Barry Guntrip

Date: 2/2/04

Inventor 5
Abigail Halton

Date: 

Inventor 6
Brian Edgar Looker

Date: 2 February 2004

Inventor 7
Michael John Monteith

Date: 01 February 2004

Inventor 8
Rebecca Jane Moore

Date: 

Inventor 9
Rajnikant Patel

Date: 

Inventor 10
Panayiotis Alexandrou Procopiou

Date: 2 February 2004
ASSIGNMENT

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__________________________
Inventor 1
Keith Biggadike

Date: ______________________

__________________________
Inventor 2
Diane Mary Coe

Date: ______________________

__________________________
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Dean David Edney

Date: ______________________
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Rebecca Jane Moore

Inventor 9
Rajnikant Patel

Inventor 10
Panayiotis Alexandrou Procopiou

Date: ________________

Date: 3 Feb 2004

Date: ________________

Date: ________________

Date: ________________

Date: ________________
ASSIGNMENT

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_____________________________ Date: ______________________
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Keith Biggadike

_____________________________ Date: ______________________
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Diane Mary Coe

_____________________________ Date: ______________________
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Date: __________________________

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Abigail Halton

Date: __________________________

Inventor 6
Brian Edgar Looker

Date: __________________________

Inventor 7
Michael John Monteith

Date: __________________________

Inventor 8
Rebecca Jane Moore

Date: 3 Feb 2004

Inventor 9
Rajnikant Patel

Date: __________________________

Inventor 10
Panayiotis Alexandrou Procopiou

Date: __________________________
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_________________________________________    Date: ____________________________
Inventor 1
Keith Biggadike

_________________________________________    Date: ____________________________
Inventor 2
Diane Mary Coe

_________________________________________
Dated: ____________________________
Inventor 3
Dean David Edney

Inventor 4
Stephen Barry Guntrip

Inventor 5
Abigail Halton

Inventor 6
Brian Edgar Looker

Inventor 7
Michael John Monteith

Inventor 8
Rebecca Jane Moore

Inventor 9
Rajnikant Patel

Inventor 10
Panayiotis Alexandrou Procopiou

Date: ________________

Date: ________________

Date: ________________

Date: ________________

Date: ________________

Date: 2 Feb 04

Date: ________________