

02-11-2003

US DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No. P32897WO



SHEET

102360962

To the Honorable Commissioner of Patents and Trademarks attached original documents or copy thereof.

1. Name of conveying party(ies):

Andrew J. Carpenter
Joel P. Cooper
Anthony L. Handlon
Donald L. Hertzog
Clifton E. Hyman
Yu C Guo
Jason D. Speake
David Richard Witty

2.4 03

Additional name(s) of conveying party(ies) attached?

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: Dec. 3, 2002, Nov. 18, 2002, Nov. 15, 2002, Dec. 10, 2002, Nov. 14, 2002, Nov. 20, 2002, Dec. 11, 2002, Nov. 16, 2002

2. Name and address of receiving party(ies):

Name: SmithKline Beecham p.l.c.
Street Address: 980 Great West Road
Brentford, Middlesex
TW9 9GS United Kingdom

Additional name(s) & address(es) attached? Yes **No**

RECEIVED
2002 JAN 15 11 26
FINANCE SECTION

4. Application number(s) or patent number(s):

PCT/US02/32739 filed October 15, 2002

If this document is being filed together with a new application, the Express Mail date of the application is:

A. Patent Application No.(s) Patent No.(s)

Additional numbers attached? Yes **X No**

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **David J. Levy
Patent Counsel**
Internal Address: **GlaxoSmithKline
Corporate Intellectual Property**
Street Address: **Five Moore Drive
PO Box 13398**
City: **RTP** State: **NC** Zip: **27709**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41): **\$ 40.00**

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: **07-1392**

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

X *Bonnie L. Deppenbrock*
Bonnie L. Deppenbrock (Reg. No. 28,209)

29 January 2003
Date

02/10/2003 ECDOPER 00000133 071392 PCT/US02/32739
01 FC:8021 40.00 CH

Total number of pages comprising cover sheet: **1 of 1**

**PATENT
REEL: 013730 FRAME: 0841**

ASSIGNMENT

WHEREAS, Andrew J. CARPENTER, Joel P. COOPER, Anthony L. HANDLON, Donald L. HERTZOG, Clifton E. HYMAN, and Jason D. SPEAKE, all of Durham, North Carolina and all a citizens of the United States of America; and Yu C. GUO of Durham, North Carolina, a citizen of China; and David Richard WITTY of Harlow, United Kingdom, a citizen of Great Britain have made an invention entitled:

"PYRIMIDINONES"

for which a patent application no. 0124627.1 was filed on 15 October 2001 in Great Britain and for which an international patent application is now being filed designating the United States of America. I/we hereby authorize and request that the filing date and PCT international application, when known, be inserted here in parentheses:

(PCT/US01/32739 filed 15 October 2002)

NOW, THEREFORE, in return for valuable consideration paid to by SMITHKLINE BEECHAM p.l.c. of 980 Great West Road, Brentford, Middlesex TW9 9GS, United Kingdom, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, do hereby assign unto the said SMITHKLINE BEECHAM p.l.c. its successors and assigns, the entire right, title and interest in and to the said invention, executed under 35 U.S.C. §111(a), 35 U.S.C. §371, or filed under 35 U.S.C. §111(b) application, and from which priority may be claimed from one or more 35 U.S.C. §111(b) applications, or any division, continuation and continuation-in-part of said application, and all Letters Patent of the United States and all foreign countries to be obtained therefor;

We further assign to the said SMITHKLINE BEECHAM p.l.c., the right, optionally in its own name or in the names of its related companies, to apply for, obtain and maintain in all countries foreign to the United States, patent and/or Utility Model applications for said invention, including the full right to claim for any such application the benefits of any priority rights based on said executed United States application;

We agree to provide SMITHKLINE BEECHAM p.l.c. 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 agree to execute further instruments (including provisional, divisional, continuation, continuation-in-part or reissue applications or other instruments) proper to effectuate the premises, this agreement to be binding upon heirs, executors and administrators;

And request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue Letters Patent in accordance herewith.

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below.

Inventor: Andrew J. Carpenter _____ Date _____

State of: _____
County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____

Inventor: Joel P. Cooper _____ Date _____

State of: _____
County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____

Inventor: Anthony L. Handlon _____ Date _____

State of: _____
County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below

Inventor: Donald L. Hertzog _____ Date _____

State of: _____

County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____

Inventor: Clifton E. Hyman _____ Date _____

State of: _____

County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____

Inventor: Yu C Guo _____ Date _____

State of: _____

County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below

Inventor: Jason E Speake

Date

State of: _____

County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public

My Commission expires on _____

David R. Witty

14 November 2002

Inventor: David Richard Witty

Date

ASSIGNMENT

WHEREAS, Andrew J. CARPENTER, Joel P. COOPER, Anthony L. HANDLON, Donald L. HERTZOG, Clifton E. HYMAN, and Jason D. SPEAKE, all of Durham, North Carolina and all a citizens of the United States of America; and Yu C. GUO of Durham, North Carolina, a citizen of China; and David Richard WITTY of Harlow, United Kingdom, a citizen of Great Britain have made an invention entitled:

"PYRIMIDINONES"

for which a patent application no. 0124627.1 was filed on 15 October 2001 in Great Britain and for which an international patent application is now being filed designating the United States of America. I/we hereby authorize and request that the filing date and PCT international application when known, be inserted here in parentheses:

(PCT/US02/32739 filed 15 October 2002)

NOW, THEREFORE, in return for valuable consideration paid to by SMITHKLINE BEECHAM p.l.c. of 980 Great West Road, Brentford, Middlesex TW9 9GS, United Kingdom, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, do hereby assign unto the said SMITHKLINE BEECHAM p.l.c. its successors and assigns, the entire right, title and interest in and to the said invention, executed under 35 U.S.C. §111(a), 35 U.S.C. §371, or filed under 35 U.S.C. §111(b) application, and from which priority may be claimed from one or more 35 U.S.C. §111(b) applications, or any division, continuation and continuation-in-part of said application, and all Letters Patent of the United States and all foreign countries to be obtained therefor;

We further assign to the said SMITHKLINE BEECHAM p.l.c., the right, optionally in its own name or in the names of its related companies, to apply for, obtain and maintain in all countries foreign to the United States, patent and/or Utility Model applications for said invention, including the full right to claim for any such application the benefits of any priority rights based on said executed United States application;

We agree to provide SMITHKLINE BEECHAM p.l.c. 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 agree to execute further instruments (including provisional, divisional, continuation, continuation-in-part or reissue applications or other instruments) proper to effectuate the premises, this agreement to be binding upon heirs, executors and administrators;

And request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue Letters Patent in accordance herewith.

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below.

Andrew J. Carpenter

12.3.2002

Inventor: Andrew J. Carpenter

Date

State of: NC

County of: WILKINSON

I, Marilyn St. John, a Notary Public for said County and State, do hereby certify that Andrew J. Carpenter personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 3 day of Dec, 2002

Marilyn St. John

Notary Public

My Commission expires on NOV 8 2005

Inventor: Joel P. Cooper

Date

State of: _____

County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public

My Commission expires on _____

Inventor: Anthony L. Handlon

Date

State of: _____

County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public

My Commission expires on _____

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below

Donald L. Hertzog

12/10/02

Inventor: Donald L. Hertzog

Date

State of: NC

County of: DURHAM

I, William L. Dudge, a Notary Public for said County and State, do hereby certify that Donald L. Hertzog personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 10 day of Dec, 2002

William L. Dudge

Notary Public

My Commission expires on Nov 8 2005

Inventor: Clifton E. Hyman

Date

State of: _____

County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public

My Commission expires on _____

Inventor: Yu C Guo

Date

State of: _____

County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public

My Commission expires on _____

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below

Inventor: Jason D. Speake _____ Date _____

State of: _____

County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____

Inventor: David Richard Witty _____ Date _____

ASSIGNMENT

WHEREAS, Andrew J. CARPENTER, Joel P. COOPER, Anthony L. HANDLON, Donald L. HERTZOG, Clifton E. HYMAN, and Jason D. SPEAKE, all of Durham, North Carolina and all a citizens of the United States of America; and Yu C. GUO of Durham, North Carolina, a citizen of China; and David Richard WITTY of Harlow, United Kingdom, a citizen of Great Britain have made an invention entitled:

"PYRIMIDINONES"

for which a patent application no. 0124627.1 was filed on 15 October 2001 in Great Britain and for which an international patent application is now being filed designating the United States of America. I/we hereby authorize and request that the filing date and PCT international application, when known, be inserted here in parentheses:

(PCT/US02/32739 filed 15 October 2002)

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We further assign to the said SMITHKLINE BEECHAM p.l.c., the right, optionally in its own name or in the names of its related companies, to apply for, obtain and maintain in all countries foreign to the United States, patent and/or Utility Model applications for said invention, including the full right to claim for any such application the benefits of any priority rights based on said executed United States application;

We agree to provide SMITHKLINE BEECHAM p.l.c. 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 agree to execute further instruments (including provisional, divisional, continuation, continuation-in-part or reissue applications or other instruments) proper to effectuate the premises, this agreement to be binding upon heirs, executors and administrators;

And request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue Letters Patent in accordance herewith.

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below.

Inventor: Andrew J. Carpenter _____ Date _____

State of: _____
County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____

Joel P. Cooper _____ 18 Nov 2002
Inventor: Joel P. Cooper _____ Date _____

State of: N.C.
County of: Wake

I, Kecia P. Johnson, a Notary Public for said County and State, do hereby certify that Joel Cooper personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of 18 November, 2002

Kecia P. Johnson
Notary Public
My Commission expires on December 3, 2006

Inventor: Anthony L. Handlon _____ Date _____

State of: _____
County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the late(s) indicated below

Inventor: Donald L. Hertzog

Date

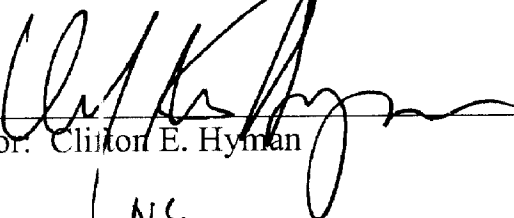
State of: _____

County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____



11/14/02

Inventor: Clinton E. Hyman

Date

State of: NC

County of: Durham

I, Elaine Martens, a Notary Public for ^{wake} ~~said~~ County and State, do hereby certify that Clifore Hyman personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 14th day of November, 2002

Elaine Martens
Notary Public
My Commission expires on 2/5/2006

Inventor: Yu C Guo

Date

State of: _____

County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below

Inventor: Jason D. Speake Date

State of: _____

County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____

Inventor: David Richard Witty Date

ASSIGNMENT

WHEREAS, Andrew J. CARPENTER, Joel P. COOPER, Anthony L. HANDLON, Donald L. HERTZOG, Clifton E. HYMAN, and Jason D. SPEAKE, all of Durham, North Carolina and all a citizens of the United States of America; and Yu C. GUO of Durham, North Carolina, a citizen of China; and David Richard WITTY of Harlow, United Kingdom, a citizen of Great Britain have made an invention entitled:

"PYRIMIDINONES"

for which a patent application no. 0124627.1 was filed on 15 October 2001 in Great Britain and for which an international patent application is now being filed designating the United States of America. I/we hereby authorize and request that the filing date and PCT international application, when known, be inserted here in parentheses:

(PCT/US02/32739 filed 15 October 2002)

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We agree to provide SMITHKLINE BEECHAM p.l.c. 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 agree to execute further instruments (including provisional, divisional, continuation, continuation-in-part or reissue applications or other instruments) proper to effectuate the premises, this agreement to be binding upon heirs, executors and administrators;

And request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue Letters Patent in accordance herewith.

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below.

Inventor: Andrew J. Carpenter _____ Date _____

State of: _____
County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____

Inventor: Joel P. Cooper _____ Date _____

State of: _____
County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____

Anthony L. Handlon _____ 11-15-02
Inventor: Anthony L. Handlon _____ Date _____

State of: NC
County of: Durham

I, Margaret Sledge, a Notary Public for said County and State, do hereby certify that Anthony Handlon personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 15 day of Nov, 2002

Margaret Sledge

Notary Public
My Commission expires on Nov 8, 2005

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below

Inventor: Donald L. Hertzog _____ Date _____

State of: _____
County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____

Inventor: Clifton E. Hyman _____ Date _____

State of: _____
County of: _____

I, _____, a Notary Public for said County and State, do hereby certify that _____ personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2002

Notary Public
My Commission expires on _____

Inventor: Yu C Guo _____ Date 11/20/2002

State of: DC
County of: Washington

I, Debra L. H. Lafordant, a Notary Public for said County and State, do hereby certify that Yu C. Guo personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 20th day of NOV, 2002

Debra L. H. Lafordant
Notary Public
My Commission expires on 5-11-06

IN WITNESS WHEREOF, I/we have hereunto set my/our hand(s) and affixed my/our seal(s) on the date(s) indicated below

Jason D. Speake 12-11-02
Inventor: Jason D. Speake Date

State of: NC
County of: DURHAM

I, Elaine Martens, a Notary Public for said County and State, do hereby certify that Jason D. SPEAKE personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 11th day of December, 2002

Elaine Martens
Notary Public
My Commission expires on 2/5/2006

David Richard Witty Date