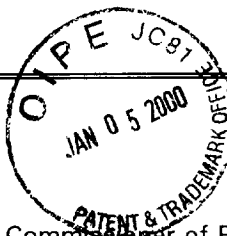


02-08-2000

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Form PTO-1595



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U.S. Department of Commerce
Patent and Trademark OfficeRECORDATION FORM COVER SHEET
PATENTS ONLYTo the Assistant Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Sanjoy Biswas; Alexander Bryant; Yigong Ge; David John Holmes; Karen A. Ingraham; Deborah Dee Jaworski; Andrea Marra; Lisa Kathleen Shilling; John P. Throup; Min Wang; Nicola Gail Wallis; and, Magdalena Zalacain

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

☐ Yes ☒ No

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

Name: **SmithKline Beecham Corporation**
Street Address: **One Franklin Plaza**
City: **Philadelphia**
State: **PA** Zip: **19103**&
Name: **SmithKline Beecham plc**
Street Address: **New Horizons Court**
City: **Brentford, Middlesex TW8 9EP**
Country: **ENGLAND**

Additional name(s) & addresses attached?

☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment
☐ Security Agreement
☐ Change of Name
☐ Merger

Other:

Execution Dates: 5/27/98; 6/4/98; 6/6/98; and, 6/8/98

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

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

A. Patent Application No.(s):

09/081,686 (Atty. Docket No. GM10006)

Additional numbers attached? ☐ Yes ☒ No

B. Patent No.(s)

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

Name: **Allen Bloom, Esq.**
Dechert Price & Rhoads
Street Address: **4000 Bell Atlantic Tower**
1717 Arch Street
City: **Philadelphia** State: **PA** Zip: **19103**

6. Total number of applications and patents involved:

7. Total fee (37 CFR § 3.41 \$40.00)

- ☐ Enclosed Check No. 1000696
☒ Authorized to be charged to deposit account

8. Deposit account number: **50-0258**

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.*Date: 12/30/99
Thomas S. Deibert, Reg. No. 40,984

02/08/2000 TTON11 00000020 500258 09081686

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Total number of pages including cover sheet, attachments, and document: 7

ASSIGNMENT

WHEREAS We, Sanjoy Biswas of 77 S Valley Road, Apt B4, Paoli, Pennsylvania 19301, a citizen of United States of America; Alexander Bryant of 1797 Little Contestoga Road, Glenmoore, Pennsylvania 19343 a citizen of United Kingdom; Yigong Ge of 50 Keokuk Road, Apt F14, Royersford, Pennsylvania 19468, a citizen of China; and David John Holmes of 126 Woodmint Drive, West Chester, Pennsylvania 19380, a citizen of United Kingdom; Karen A Ingraham of RR2 Box 108A, Auburn, Pennsylvania 17922, a citizen of United States of America; Deborah Dee Jaworski of 1827 Skiles Blvd, West Chester, Pennsylvania 19382, a citizen of United States of America; Andrea Marra of 22 Victoria Circle, Collegeville, Pennsylvania 19426 a citizen of United States of America; Lisa Kathleen Shilling of 6 East Park Road, Newtown, Pennsylvania 18940, a citizen of United States of America; John P Throup of 506 Brooke Drive, Royersford, Pennsylvania 19426, a citizen of United Kingdom; Min Wang of 302 Centennial Drive, Blue Bell, Pennsylvania 19422, a citizen of Chinese; Nicola Gail Wallis of K203, 219 Sugartown Road, Wayne, Pennsylvania 19087, a citizen of United Kingdom and Magdalena Zalacain of 126 Woodmint Drive, West Chester, Pennsylvania 19380, a citizen of Spain have made an invention entitled:

"Histidine Kinase"

NOW, THEREFORE, in return for valuable consideration paid to us by SmithKline Beecham Corporation, a corporation organized under the laws of the Commonwealth of Pennsylvania and having its principal place of business at One Franklin Plaza, Philadelphia, Pennsylvania 19103, and Smithkline Beecham plc of New Horizons Court, Great West Road, Brentford, Middlesex, England the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, We do hereby assign unto the said SmithKline Beecham Corporation and SmithKline Beecham plc, its successors and assigns, the entire right, title and interest in and to the said invention, executed under 35 U.S.C. §111(a) 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 Corporation and SmithKline Beecham plc, 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;

And We 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 our heirs, executors and administrators;

And We 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.

Signed at Collegeville, PA
[Signature]

Sanjoy Biswas

Date: 6/4/98

Commonwealth of Pennsylvania)
) ss.:
County of Montgomery)

Before me, a Notary Public, personally appeared Sanjoy Biswas known to me to be the person who executed the foregoing assignment and acknowledged it to be his/her act and deed.

Witness my hand and seal this 4th day of June, 1998.

Mary Jane Warfel

NOTARIAL SEAL
Mary Jane Warfel, Notary Public
Borough of Collegeville, Montgomery County
My commission expires on January 29, 2001

Signed at Collegeville, PA

Alexander Bryant
Alexander Bryant

Date: 6/4/98

Commonwealth of Pennsylvania)
) ss.:
County of Montgomery)

Before me, a Notary Public, personally appeared Alexander Bryant known to me to be the person who executed the foregoing assignment and acknowledged it to be his/her act and deed.

Witness my hand and seal this 4th day of June, 1998.

Mary Jane Warfel

NOTARIAL SEAL
Mary Jane Warfel, Notary Public
Borough of Collegeville, Montgomery County
My commission expires on January 29, 2001

Signed at Plymouth Meeting, PA

Yigong Ge
Yigong Ge

Date: 5/27/98

Commonwealth of Pennsylvania)
) ss.:
County of Montgomery)

Before me, a Notary Public, personally appeared Yigong Ge known to me to be the person who executed the foregoing assignment and acknowledged it to be his/her act and deed.

Witness my hand and seal this 27th day of May, 1998.

Lenora A. Kinckner

NOTARIAL SEAL
LENORA A. KINCKNER, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires May 1, 2000

Signed at Collegedale, PA
D. John Holmes
David John Holmes

Date 6/4/98

Commonwealth of Pennsylvania)
) ss.:
County of Montgomery)

Before me, a Notary Public, personally appeared David John Holmes known to me to be the person who executed the foregoing assignment and acknowledged it to be his/her act and deed.

Witness my hand and seal this 4th day of June, 1998.

Mary Jane Warfel

NOTARIAL SEAL
Mary Jane Warfel, Notary Public
Borough of Collegedale, Montgomery County
My commission expires on January 29, 2001

Signed at Collegedale, PA
Karen A Ingraham
Karen A Ingraham

Date: 6/4/98

Commonwealth of Pennsylvania)
) ss.:
County of Montgomery)

Before me, a Notary Public, personally appeared Karen A Ingraham known to me to be the person who executed the foregoing assignment and acknowledged it to be his/her act and deed.

Witness my hand and seal this 4th day of June, 1998.

Mary Jane Warfel

NOTARIAL SEAL
Mary Jane Warfel, Notary Public
Borough of Collegedale, Montgomery County
My commission expires on January 29, 2001

Signed at Collegedale
Deborah Dee Jaworski
Deborah Dee Jaworski

Date 6-8-98

Commonwealth of Pennsylvania)
) ss.:
County of Montgomery)

Before me, a Notary Public, personally appeared Deborah Dee Jaworski known to me to be the person who executed the foregoing assignment and acknowledged it to be his/her act and deed.

Witness my hand and seal this 8th day of June, 1998.

Mary Jane Warfel

NOTARIAL SEAL
Mary Jane Warfel, Notary Public
Borough of Collegedale, Montgomery County
My commission expires on January 29, 2001

Signed at Collegeville, PA
Andrea

Date: 6-4-98

Andrea Marra

Commonwealth of Pennsylvania)
) ss.:
County of Montgomery)

Before me, a Notary Public, personally appeared Andrea Marra known to me to be the person who executed the foregoing assignment and acknowledged it to be his/her act and deed.

Witness my hand and seal this 4th day of June, 1998.

Mary Jane Warfel

NOTARIAL SEAL
Mary Jane Warfel, Notary Public
Borough of Collegeville, Montgomery County
My commission expires on January 29, 2001

Signed at Collegeville, PA
Lisa Kathleen Shilling
Lisa Kathleen Shilling

Date: 6/4/98

Commonwealth of Pennsylvania)
) ss.:
County of Montgomery)

Before me, a Notary Public, personally appeared Lisa Kathleen Shilling known to me to be the person who executed the foregoing assignment and acknowledged it to be his/her act and deed.

Witness my hand and seal this 4th day of June, 1998.

Mary Jane Warfel

NOTARIAL SEAL
Mary Jane Warfel, Notary Public
Borough of Collegeville, Montgomery County
My commission expires on January 29, 2001

Signed at Collegeville, PA
John P Throup
John P Throup

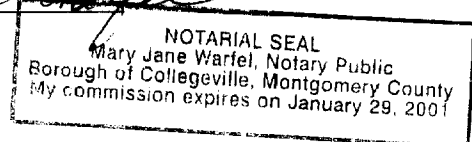
Date: 06/04/98

Commonwealth of Pennsylvania)
) ss.:
County of Montgomery)

Before me, a Notary Public, personally appeared John P Throup known to me to be the person who executed the foregoing assignment and acknowledged it to be his/her act and deed.

Witness my hand and seal this 4th day of June, 1998.

Mary Jane Warfel



Signed at Collegeville
Min Wang
Min Wang

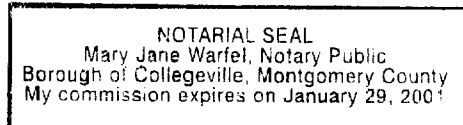
Date 06/05/98

Commonwealth of Pennsylvania)
) ss.:
County of Mongtomery)

Before me, a Notary Public, personally appeared Min Wang known to me to be the person who executed the foregoing assignment and acknowledged it to be his/her act and deed.

Witness my hand and seal this 5th day of June, 1998.

Mary Jane Warfel



Signed at Collegeville
N Wallis

Nicola Gail Wallis

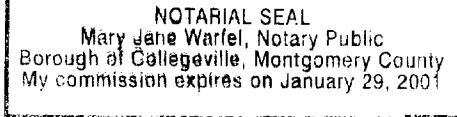
Date: 4th June 98

Commonwealth of Pennsylvania)
) ss.:
County of Montgomery)

Before me, a Notary Public, personally appeared Nicola Gail Wallis known to me to be the person who executed the foregoing assignment and acknowledged it to be his/her act and deed.

Witness my hand and seal this 4th day of June, 1998.

Mary Jane Warfel



Signed at Collegeville
Magdalena Zalacain

Magdalena Zalacain

Date 8th June 1998

Commonwealth of Pennsylvania)
) ss.:
County of Mongtomery)

Before me, a Notary Public, personally appeared Magdalena Zalacain known to me to be the person who executed the foregoing assignment and acknowledged it to be his/her act and deed.

Witness my hand and seal this 8th day of June, 1998.

Mary Jane Warfel

