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03-16-2000

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Form PTO-1595



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Commissioner of Patents. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies)</p> <p>Stephen D. Holmes Connie L. Erickson-Miller James D. Winkler</p> <p>Additional names of conveying party(ies) attached? [] yes [X] no</p>	<p>2. Name and address of receiving party(ies)</p> <p>SmithKline Beecham Corporation One Franklin Plaza 200 North 16th Street Philadelphia, PA 19103 United States of America; and</p> <p>SmithKline Beecham plc Three New Horizons Court Great West Road Brentford, Middlesex TW8 9EP</p> <p>Additional name(s) and addresses attached? [] yes [X] no</p>
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OPR FINANCE

3. Description of the interest conveyed:

<input checked="" type="checkbox"/> Assignment, please record and return	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other	

Execution date of Assignment: 1 November 1999; 13 January 2000; 14 January 2000

4. Application number(s) or patent number(s). Additional Sheets attached? ☐ Yes ☒ No

<p>A. Patent Application No.(s) 09/406,532</p>	<p>B. Patent No.(s)</p>
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If this document is being filed together with a new application, the execution date of the application is

<p>5. Name and address of party to whom correspondence concerning documents should be mailed:</p> <p>Kirk Baumeister SmithKline Beecham Corporation Corporate Intellectual Property - UW2220 P.O. Box 1539 King of Prussia, PA 19406-0939</p>	<p>6. Total number of applications and patents involved <u>1</u>.</p> <p>7. Total Fee (37 C.F.R. 3.41) <u>\$40.00</u></p> <p>8. Please charge this fee to deposit account No. <u>19-2570</u>.</p> <p>The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required by this paper, or credit any overpayment, to our Deposit Account No. 19-2570.</p>
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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.

Kirk Baumeister

Name of Person Signing

Signature

18 January 2000

Date

Total number of pages including cover sheet, attachments and document: 4

PATENT
REEL: 010601 FRAME: 0699

ASSIGNMENT

WHEREAS we, Connie L. Erickson-Miller of 608 Brainerd Place, Exton, Pennsylvania 19341, a citizen of United States of America; and James D. Winkler of 701 Hartranft Avenue, Fort Washington, Pennsylvania 19034, a citizen of United States of America; have made an invention entitled:

"TIE2 AGONIST ANTIBODIES"

for which on November 4 and November 8, 1999, we executed an application for Letters Patent of the United States under 35 U.S.C. §111(a), executed an application for Letters Patents of the United States under 35 U.S.C. §371, or filed a Provisional application under 35 U.S.C. §111(b):

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, 200 North 16th Street, Philadelphia, Pennsylvania 19103, 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, 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 Corporation 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 Upper Providence, Pennsylvania



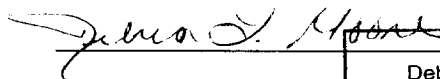
Connie L. Erickson-Miller

Date: 14 Jan 2000

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

Before me, a Notary Public, personally appeared Connie L. Erickson-Miller 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 14th day of January, 2000.



Notarial Seal
 Debra L. Moore, Notary Public
 Collegeville Boro, Montgomery County
 My Commission Expires Feb. 17, 2003

Member, Pennsylvania Association of Notaries

PATENT
 REEL: 010601 FRAME: 0700

ASSIGNMENT

WHEREAS I, Stephen D. Holmes of Great Chishill, Cambridgeshire, United Kingdom, a citizen of the United Kingdom; have made an invention entitled:

"TIE2 AGONIST ANTIBODIES"

for which on 1 November, 1999 -----, I executed an application for Letters Patent of the United States under 35 U.S.C. §111(a), executed an application for Letters Patents of the United States under 35 U.S.C. §371, or filed a Provisional application under 35 U.S.C. §111(b):

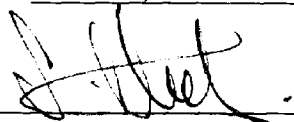
NOW, THEREFORE, in return for valuable consideration paid to me by SmithKline Beecham p.l.c., a corporation having its principal place of business at One New Horizons Court, Brentford, Middlesex, TW8 9EP, United Kingdom, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, I 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;

I 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;

And I 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 my heirs, executors and administrators;

And I 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 Harlow, United Kingdom



Stephen D. Holmes

Date: 1st Nov. 1999

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