

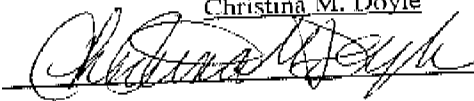
ATTORNEY DOCKET NO. PG4939A

Form PTO-1595

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeRECORDATION FORM COVER SHEET
PATENTS ONLY**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office
Assignment Branch at (703) 306-5995 on 19 April 2005 by

Christina M. Doyle



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

1. Name of conveying party(ies)

Claire ASHMAN
Jonathan Henry ELLIS

Additional names of conveying party(ies) attached?

☐ yes ☒ no

2. Name and address of receiving party(ies)

GlaxoGroup Limited
980 Great West Road
Brentford, Middlesex TW8 9GS
England

Additional name(s) and addresses attached?

☐ yes ☒ no

3. Description of the interest conveyed:

☒ Assignment, please record and return ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution date of Assignment: 15 and 20 October 2003, 19 November 2004

4. Application number(s) or patent number(s). Additional Sheets attached? ☐ Yes ☒ NoA. Patent Application No.(s)
10/521,151

B. Patent No.(s)

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

5. Name and address of party to whom
correspondence concerning documents should
be mailed:Jason C. Fedon
GlaxoSmithKline
Corporate Intellectual Property - UW2220
P.O. Box 1539
King of Prussia, PA 19406-0939
Fax: (610) 270-50906. Total number of applications and
patents involved 1.7. Total Fee (37 C.F.R. 3.41) \$40.008. Please charge this fee to deposit
account No. 19-2570.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.

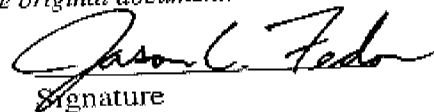
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9. Statement and Signature.

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.

Jason C. Fedon

Name of Person Signing


Signature19 April 2005

Date

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

n:\jc\apps\p-cases\pg4939a\record assignment.doc

CH \$40.00 192670 10621151

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ASSIGNMENT

WHEREAS I/WE, **Claire ASHMAN and Jonathan Henry ELLIS, of Stevenage, Hertfordshire, GB** (hereinafter called "the inventor(s)") have invented or discovered "**VACCINE**" (hereinafter called "the invention") for which patent application Nos **0220211.7 and 0304672.9** were filed on **30 August 2002 and 28 February 2003** respectively in the United Kingdom 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/GB03/03721 filed 28 August 2003)

WHEREAS the invention, being made in the course of my employment, belongs to my/our employer, namely **GLAXOSMITHKLINE SERVICES UNLIMITED** a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, and

WHEREAS GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED, a company incorporated in England whose registered address is 980 Great West Road, Brentford, Middlesex TW8 9GS, England, is desirous of acquiring from **GLAXOSMITHKLINE SERVICES UNLIMITED** the whole right, title and interest in and to the invention and the application, and

GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED have authorised and requested my/our making the application, and

WHEREAS GLAXO GROUP LIMITED a company organised and existing under and by virtue of the laws of England and having its principal place of business at Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex, UB6 0NN, England, is desirous of acquiring from **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** the whole right, title and interest in and to the invention and the application in respect of the United States of America;

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NOW, THEREFORE, to all whom it may concern be it known that I/we, the inventor(s), hereby confirm the ownership by **GLAXOSMITHKLINE SERVICES UNLIMITED** of the invention and the application by operation of law and, if under the law of the United States of America I/we the inventor(s) have any ownership right, title and interest in the invention and the application (which I/we do not believe to be the case and claim no ownership right, title or interest in the invention and the application based on the law of the United Kingdom), I/we the inventor(s) nevertheless hereby assign and transfer such ownership right, title and interest in and to the invention and the application to **GLAXOSMITHKLINE SERVICES UNLIMITED**. **GLAXOSMITHKLINE SERVICES UNLIMITED** in turn hereby assigns and transfers to **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** its whole right, title and interest in and to the invention and the application. **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** in turn hereby assigns and transfers to **GLAXO GROUP LIMITED** its whole right, title and interest in and throughout the United States of America in and to the invention and the application and in and to any priority rights in respect of the invention and the application and in and to any divisional application, continuation or continuation in part application thereof, and in and to any extension or re-issue thereof, and I/we the inventor(s) and **GLAXOSMITHKLINE SERVICES UNLIMITED** and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** hereby authorise and request any patent arising therefrom in the United States of America be issued to **GLAXO GROUP LIMITED**.

AND GLAXOSMITHKLINE SERVICES UNLIMITED and **GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED** hereby, and I/we the inventor(s) for myself/ourselves and my/our respective executors and legal representatives hereby, agree to provide information and make execute and deliver any and all other instruments in writing, and any and all further acts, applications, papers, affidavits, assignments and other documents which may be possible and are necessary or desirable to more effectually secure to and vest in **GLAXO GROUP LIMITED**, its successors and assigns, the whole right, title and interest in and to the invention and the application hereby assigned and transferred in respect of the United States of America.

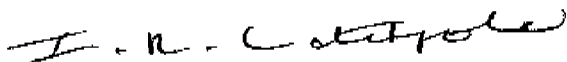
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IN WITNESS whereof and with effect from 30 August 2002 the inventor(s) and Peter John GIDDINGS as Attorney of both GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED by virtue of Powers of Attorney granted by GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED respectively have hereunto set their respective hands.

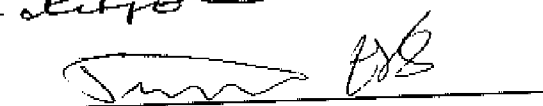
SIGNED by Claire ASHMAN:

Date: 15th October 2003

in the presence of: IAN RICHARD CATCHPOLE




SIGNED by Jonathan Henry ELLIS:

Date: 20/10/03

in the presence of: RUTH ANNE MCADAM



SIGNED by Peter John GIDDINGS as the Attorney of each of GLAXOSMITHKLINE SERVICES UNLIMITED and GLAXOSMITHKLINE RESEARCH AND DEVELOPMENT LIMITED:

Date: 19 NOV 2004