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FORM PTO-1595
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark office

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PATENTS ONLY

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

1. Name of Conveying Party(ies):
Michael Edward Griffith Bournell

Additional name(s) of conveying party(ies) attached? YES NO

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

Name: Cantab Pharmaceuticals Research Limited
Internal Address: _____

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: October 27, 1998

Street Address: 184 Cambridge Science Park
Milton Road, Cambridge CB4 4GN, United Kingdom
City _____ State _____ ZIP _____
Additional name(s) & address(es) attached? Yes No

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)
08/459,040

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: David J. Earp, Ph.D.
Klarquist Sparkman Campbell Leigh & Whinston, LLP
Internal Address:
One World Trade Center, Suite 1600
Street Address:
121 S.W. Salmon Street
City Portland State Oregon ZIP 97204-2988

6. Total number of applications and patents involved: 1

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

8. Any deficiency/overpayment is authorized to be charged to deposit account 02-4550

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.

David J. Earp, Ph.D.

3/18/99

Name of Person Signing

Signature

Date

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

OMB No. 0651-0011 (exp. 4/94)

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40.00 DP

PATENT
REEL: 9849 FRAME: 0489

CP03/RS-432

ASSIGNMENT

(NOT ACCOMPANYING APPLICATION)

WHEREAS, the undersigned,

- (1) Stephen Charles INGLIS _____, (2) Michael Edward Griffith BOURSHELL,
- (3) Anthony Charles MINSON _____, (4)

(hereinafter termed "Inventors"), residents of

- (1) now of 9 Bartlow Road, Linton, Cambridge, CB1 6LX, UK, formerly of 2 Rhugarve Gardens, Linton, Cambridge, CB1 6LX, UK
- (2) 46 Netherhall Way, Cambridge, CB1 4NY, UK
- (3) 113 Cambridge Road, Great Shelford, Cambridge, CB2 5JJ, UK

respectively, have invented certain new and useful improvements in Viral Vaccines and have executed an application for a United States patent disclosing and identifying the invention on the 2nd day of June 1995; and having Serial No.08/459,040 and filing date of June 2, 1995; and

WHEREAS, Cantab Pharmaceuticals Research Limited a corporation organized under the laws of Great Britain and Northern Ireland, having a place of business at 184 Cambridge Science Park, Milton Road, Cambridge, CB4 4GN, United Kingdom, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

- 1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign

patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said

Assignee this:

[1] _____ date _____

(Dr) In the presence of [witness]

_____ [signature]

at [place] _____ [name]

_____ [address]

[2] Michael EG Bainsnell date 27 Oct 1998

(Dr) Michael EG Bainsnell In the presence of [witness]

TC Stancliffe [signature]

at [place] Cambridge TC STANCLIFFE [name]

UK 31 Leys Rd [address]
Cambridge CB4 2AR
UK

[3] _____ date _____

(Dr) In the presence of [witness]

_____ [signature]

at [place] _____ [name]

_____ [address]