

A/D 581-#40 09/101165

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10-28-1999



Our Ref.: 2257-123

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

101182374

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

1. Name of conveying party(ies):

Thomas McNally
Alan Tinker

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

Name: Astra Pharmaceuticals Ltd.

Internal Address: _____

Street Address: Home Park, Kings Langley

City: Herts

State/Country: United Kingdom

Zip: WD4 8DH

Additional name/s of conveying party/ies attached?

3. Nature of conveyance:

- Assignment Merger
- Security Assignment Change of Name
- Other

Execution Date: June 10, 1998

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).

- (1) Unassigned
- (2)
- (3)

B. Patent No(s).

- (1)
- (2)
- (3)

Additional numbers attached Yes No

09/101165

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

Name: Leonard C. Mitchard

Internal Address: _____

Street Address: Nixon & Vanderye P.C.

1100 North Gate Road
8th Floor

07/07/1998 PVOLPE

03 FC:504: Arlington State: VA Zip: 22201

6. Total number of applications & patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.

DO NOT USE THIS SPACE

9. Statements 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.

Leonard C. Mitchard

Name of Person Signing
Reg. No. 29,009

July 2, 1998

Date

Total number of pages including original cover sheet, attachments, and document: [3]

ASSIGNMENT OF PATENT APPLICATION

(Inventors) (Thomas McNally of Astra Charnwood, Bakewell Road, Loughborough, Leics. LE11 5RH, United Kingdom

(Alan Tinker of Astra Charnwood, Bakewell Road, Loughborough, Leics. LE11 5RH, United Kingdom

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (Astra Pharmaceuticals Ltd.

(Address) (of Home Park, Kings Langley, Herts WD4 8DH, UK

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other countries) (in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as

(Title) (COMPOUNDS (Case No.

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed (on or has already filed in (U.S. appln. Serial No. , filed on

(The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary to desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date: 10.6.98 Signature of Inventor:

Thomas McNally
Thomas McNally

Date: 10.6.98 Signature of Inventor:

Alan Jinker
Alan Jinker

Witnessed by:

Billis
Wright

Date

10-6-98

Witnessed by:

Date

10/6/98