

BOX ASSIGNMENTS

02-09-2001

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529 Rec'd PCT/US 15 NOV 2000

R SHEET
ENTS ONLY

TO THE ASSISTANT COMMIS

101610218

SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. BUTLIN, Roger

3. BURROWS, Jeremy

5.

7.

2. NOWAK, Thorsten

4. BLOCK, Michael

6.

8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: ASTRAZENECA AB

ADDRESS: S-151 85 Sodertalje, Sweden

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)☒ ASSIGNMENT OF☒ WHOLE☐ PART INTEREST☒ ORIGINAL☐ FACSIMILE/PHOTOCOPY☐ CHANGE OF NAME☐ VERIFIED TRANSLATION☐ SECURITY ☐ MERGER☐ OTHER:EXEC. DATE: 1) & 3), Oct. 11; 2) Oct. 5 and 4)
Oct. 9, 2000

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) 1) & 3) Oct. 11; 2) Oct. 5 and 4) Oct. 9, 2000

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
NEW APPLICATION	274439				

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:Pillsbury Madison & Sutro LLP
Intellectual Property Group
1100 New York Avenue, NW
Ninth Floor
Washington, DC 20005-3918

6. NUMBER INVOLVED:

APPLNS 0 + PATS 0 = TOTAL

1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

PMS 274439
MATTER NO.Z70345/UST
CLIENT REF.8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
UNDER ORDER NO 9901 274439
dup. sheet not required CLIENT NO. MATTER NO.

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

Signature

10. Total number of pages including this
cover sheet, attachments and document
(do not file dup. Cover sheet)

3

Attorney: Donald J. Bird

Reg. No. 25323

Atty/Sec: DJB/mhn

Date: November 14, 2000

FAX: (202) 822-0944

TEL: (202) 861-3027

FILE WITH PTO RETURN RECEIPT (PAT-103A)

11/20/2000 EXIMAND 00000059 09700370

03 FL:551

40.00 DP

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

ROGER JOHN BUTLIN, THORSTEN NOWAK, JEREMY NICHOLAS BURROWS, MICHAEL HOWARD BLOCK

hereby sell(s), assign(s) and transfer(s) to ASSIGNEE, AstraZeneca AB, a company created and existing under the laws of Sweden, having its Head Office at S-151 85 Sodertalje, Sweden, and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled: USE OF COMPOUNDS FOR THE ELEVATION OF PYRUVATE DEHYDROGENASE ACTIVITY

and which is found in

- (a) ___ U.S. patent application executed on even date herewith;
- (b) ___ U.S. patent application executed on _____;
- (c) ___ U.S. application serial no. filed on 26.05.1999;
- (d) X International application no. PCT/GB99/01669;

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or reexamination thereof;

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

Signed this

11th day of October, 2000

Roger John Butlin
ROGER JOHN BUTLIN

WITNESS: [Signature]
DATE: 12th October 2000

WITNESS: Susan Taylor
DATE: 11 October 2000

5th day of October, 2000

Thorsten Nowak
THORSTEN NOWAK

WITNESS: S. A. D.
DATE: 5th October 2000

WITNESS: David Hynes
DATE: 5 October 2000

☐ Additional page(s) are attached hereto.
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11th day of October, 2000

Jeremy Nicholas Burrows
JEREMY NICHOLAS BURROWS

WITNESS: [Signature]
DATE: 11 October 2000

WITNESS: Susan Taylor
DATE: 11 October 2000

9th day of October, 2000

Michael Howard Block
MICHAEL HOWARD BLOCK

WITNESS: [Signature]
DATE: 9th October 2000

WITNESS: Susan Taylor
DATE: 9th October 2000

☐ Additional page(s) are attached hereto.
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