

10-30-2002

FORM PTO-1595
(Rev. 6-93)



DEPARTMENT OF COMMERCE
Patent and Trademark Office

RE

102265536
PATENTS ONLY

Attorney Docket No.: 056291-5087-01

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

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):
1. BUTLIN, Roger John
2. NOWAK, Thorsten
3. BURROWS, Jeremy Nicholas
4. BLOCK, Michael Howard
Additional names of conveying party(ies) attached? NO

10-23-02

2. Name and address of receiving party(ies):
1. ASTRAZENECA AB
S-151 85 Södertälje, SWEDEN
Additional name(s) & address(es) attached? NO

11046 U.S. PTO
10/277957

10/23/02

3. Nature of conveyance:
 Assignment
 Security Agreement
 Other
 Merger
 Change of Name

Execution Date: October, 11, 5 and 4, 2000

10/277957

4. New 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: **October 11, 5 and 5, 2000**

A. Patent Application No.(s) Divisional Application of U.S. Serial No. 09/700,370 filed November 15, 2000

Additional numbers attached: No

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

Name: Donald J. Bird

Internal Address: Morgan, Lewis & Bockius LLP
Customer No. 009629

Street Address: 1111 Pennsylvania Ave., N.W.
City: Washington State: D.C. Zip: 20004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00

Authorized to be charged to Deposit Account 50-0310

8. Deposit Account No. 50-0310
(Attach duplicate page if paying by deposit account)

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.

Donald J. Bird
Name of Person Signing
Reg. No. 25,232

Signature

October 23, 2002
Date

Total number of pages including cover sheet, attachments and documents: 3

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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: Shirley Day
DATE: 13th October 2000

WITNESS: Susan Taylor
DATE: 11 October 2000

5th day of October, 2000

Thorsten Nowak
THORSTEN NOWAK

WITNESS: S. A. Day
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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