

08-12-2002



SHEET

102187174

Attorney Docket No.: 056291-5077

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

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

1. Roger John BUTLIN      4. Thorsten NOWAK  
2. Janet Elizabeth PEASE    5. Jeremy Nicholas BURROWS  
3. Michael Howard Block    6. David Stephen CLARKE

Additional name(s) of conveying party(ies) attached?  
Yes    X No

6.17.02

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

Name: **AstraZeneca AB**

Internal Address:

Street Address:    S-151 85 Sodertalje, Sweden

City:

State:                      Zip:

Additional name(s) & address(es) attached?  
Yes    X No

3. Nature of conveyance:

X Assignment                      \_\_\_ Merger  
\_\_\_ Security Agreement    \_\_\_ Change of Name  
Other \_\_\_\_\_

Execution Date: (1) January 30, 2002, (2) January 30, 2002,  
(3) February 4, 2002, (4) January 31, 2002, (5) February 4, 2002 and  
(6) February 1, 2002

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): 10/069,995                      B. Patent No.(s)

Additional numbers attached:    Yes    X No

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

Name:                      Donald J. Bird

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

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

6. Total number of applications and patents involved: 1

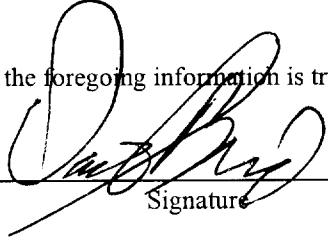
7. Total fee (37 C.F.R §3.41): \$40.00  
\_\_\_ Enclosed  
X Authorized to be charged to deposit account 50-0310

8. Deposit account number: 50-0310  
Attach duplicate of 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. 25,323

  
\_\_\_\_\_  
Signature

\_\_\_\_\_  
June 17, 2002  
Date

Total number of pages including cover sheet, attachments and documents: 2

PATENT APPLICATION

ASSIGNMENT

Docket No. (Optional)
Z70590 /UST

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

Roger John Butlin, Janet Elizabeth Pease, Michael Howard Block, Thorsten Nowak,
Jeremy Nicholas Burrows, David Stephen Clarke.

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: AMIDES AS INHIBITORS FOR PYRUVATE DEHYDROGENASE

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.
(d) X International application no. PCT/GB00/03297 Filed on 30th August 2000 (30.08.2000)

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

30 Day of Jan, 2002

Roger John Butlin
Roger John Butlin

30 Day of Jan, 2002

Janet Elizabeth Pease
Janet Elizabeth Pease

4 Day of Feb, 2002

Michael Howard Block
Michael Howard Block

31 Day of January, 2002

Thorsten Nowak
Thorsten Nowak

4 Day of February, 2002

Jeremy Nicholas Burrows
Jeremy Nicholas Burrows

01 Day of February, 2002

David Stephen Clarke
David Stephen Clarke

WITNESS: Carol Hynes

WITNESS: Lynda M Slack

DATE: 4th February 2002

DATE: 4th February 2002