

02-29-2000

SHEET

Attny Docket No. X-11377

Please record the attached original

To the Honorable Commis:
documents or copy there:

1. Name of conveying

101278714

Name & address of receiving party(ies):

1. Nickolay Yuri Chirgaev (b) AM 11:29

Name: Eli Lilly and Company

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

Internal Address: Patent Division

Street Address: Lilly Corporate Center

City: Indianapolis State: IN Zip: 46285

Additional name(s) & address(es) attached?

() Yes (X) No

3. Nature of conveyance:

(X) Assignment () Merger
() Security Agreement () Change of Name
() Other

Execution Dates:

a. April 14, 1998

b. April 29, 1998

c. June 11, 1998

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):

B. Patent No.(s):

09/423,125 (Intl. Appl. No. PCT/US98/08698)

Additional Numbers attached () Yes (X) No

5. Name and address of party to whom
correspondence concerning documents
should be mailed:Cheryl Eyed
Eli Lilly and Company
Lilly Corporate Center
Indianapolis, IN 462856. Total number of applications and
patents involved: (1)7. Total fee (37 CFR \$3.41) \$40.00
(\$40.00 per assignment)

() Enclosed

(X) Authorized to be charged to
deposit account (along with any
additional fees or the credit of
any overpayment)

8. Deposit account number: 05-0840

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.

Arvie J. Anderson

Name of Attorney Signing

Signature

Date

Reg. No. 45,263

Total number of pages including cover sheet, attachments and document: (7)

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States
Postal Service as first class mail in an envelope addressed to: Commissioner of Patents
and Trademarks, Washington, D.C. 20231, on the date appearing below.

ELI LILLY AND COMPANY

BY Arvie J. AndersonDATE January 14, 2000

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

02/28/2000 TTON11

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09423125

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PATENT
REEL: 010568 FRAME: 0026

RECORDATION COVER SHEET CONTINUED**PATENTS ONLY****Attny Docket No. X-11377**

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

1. Additional names of conveying parties:

- | | | |
|-----|-----------------------|-----|
| 2. | Matthew Joseph Fisher | (b) |
| 3. | Richard Waltz Harper | (b) |
| 4. | Ho-Shen Lin | (b) |
| 5. | Jefferson Ray McCowan | (c) |
| 6. | Daniel Jon Sall | (b) |
| 7. | Gerald Floyd Smith | (c) |
| 8. | Kumiko Takeuchi | (b) |
| 9. | Michael Robert Wiley | (b) |
| 10. | Minsheng Zhang | (a) |

ASSIGNMENT

WHEREAS we, Nickolay Yuri Chirgadze, City of Carmel, County of Hamilton, State of Indiana; Matthew Joseph Fisher, City of Carmel, County of Hamilton, State of Indiana; Richard Waltz Harper, City of Indianapolis, County of Marion, State of Indiana; Ho-Shen Lin, City of Indianapolis, County of Marion, State of Indiana; Jefferson Ray McCowan, City of Indianapolis, County of Marion, State of Indiana; Daniel Jon Sall, City of Greenwood, County of Johnson, State of Indiana; Gerald Floyd Smith, City of Indianapolis, County of Marion, State of Indiana; Kumiko Takeuchi, City of Indianapolis, County of Marion, State of Indiana; Michael Robert Wiley, City of Indianapolis, County of Marion, State of Indiana; Minsheng Zhang, City of Warren, County of Somerset, State of New Jersey, have made an invention which is the subject of an international application under the Patent Cooperation Treaty ("PCT") patent application entitled ANTITHROMBOTIC AGENTS, containing 57 pages and no drawings, and which is to be filed in the United States Patent and Trademark Office acting as PCT Receiving Office ("Application"); and we hereby authorize and direct our common representative to insert below the filing date and application number when they become known: PCT/US98/08658, filed 30 April 1998; and

WHEREAS ELI LILLY AND COMPANY, an Indiana corporation having its principal place of business at Lilly Corporate Center, Indianapolis, Indiana 46285, wishes to acquire the entire interest in all inventions disclosed in such Application;

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over unto Eli Lilly and Company, its successors and assigns (collectively "Lilly") our entire right, title and interest in, to and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all present or future patent applications to such inventions that may be filed in the United States or any foreign country, inclusive of, but not limited to, continuations, continuations-in-part, divisions, substitutions, reexaminations, reissues, international applications under the Patent Cooperation Treaty ("PCT"), United States provisional patent applications, certificates of addition, utility models, petty patents, as well as all other intellectual property related to the Application, inclusive of, but not limited to, supplementary protection certificates, copyrights, trademarks, and data package exclusivity rights, and any and all Letters Patent of the United States and of all foreign countries and all related patent term extensions which may be granted for Letters Patent with respect to the Application; all of the above to be held and enjoyed by Lilly for its own use and enjoyment to the full end of the term or terms for which such Letters Patent and related intellectual property rights may be granted, as fully and entirely as the same would have been held and enjoyed by us had this Assignment and sale to Lilly not been made.

For ourselves and for our heirs, successors and legal representatives, we covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

For ourselves and for our heirs, successors and legal representatives, we further covenant and agree with Lilly that upon request we and they will, without further consideration than that now paid, but at the expense of Lilly: (i) execute original, provisional, substitute, continuation, divisional, continuation-in-part, reexamined, or reissued applications, amended specifications, or rightful declarations or oaths for such application; (ii) communicate to Lilly any facts known to us or them relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings, litigation discovery proceedings and depositions, oppositions, cancellation proceedings, priority contests, public use proceedings, administrative agency proceedings, litigation and other court actions and the like; (iv) execute and deliver any application papers, affidavits, declarations, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for Lilly, may be necessary or desirable to secure the grant of Letters Patent and related intellectual property to Lilly or its nominees, in the United States and in all other countries where Lilly may desire to have such inventions, or any of them, patented, with specifications and claims in such form

as shall be approved by counsel for Lilly and to vest and confirm in Lilly or its nominees the full and complete legal and equitable title to all such Letters Patent and related intellectual property.

IN WITNESS WHEREOF we have executed this assignment on the dates indicated below.

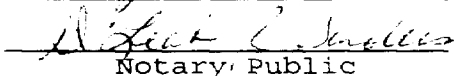

 Nickolay Yuri Chirgadze

UNITED STATES OF AMERICA

STATE OF INDIANA)
) ss:
 COUNTY OF MARION)

Before me, a Notary Public for Marion, County, State of Indiana, personally appeared Nickolay Yuri Chirgadze and acknowledged the execution of the foregoing instrument this 29th day of April, 1998.

D'Leah R. Sanders
 My Commission Expires February 13, 1999
 Resident: Marion County
 My Commission Expires:
February 13, 1999


 Notary Public


 Matthew Joseph Fisher

UNITED STATES OF AMERICA

STATE OF INDIANA)
) ss:
 COUNTY OF MARION)

Before me, a Notary Public for Marion, County, State of Indiana personally appeared Matthew Joseph Fisher and acknowledged the execution of the foregoing instrument this 29th day of April, 1998.

D'Leah R. Sanders
 My Commission Expires February 13, 1999
 Resident: Marion County
 My Commission Expires:
February 13, 1999


 Notary Public

Richard Waltz Harper
Richard Waltz Harper

UNITED STATES OF AMERICA

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

Before me, a Notary Public for Marion, County, State of Indiana, personally appeared Richard Waltz Harper and acknowledged the execution of the foregoing instrument this 29th day of April, 1978.

My Commission Expires _____
D'Leah R. Sanders D'Leah R. Sanders
Resident: Marion County Notary Public
My Commission Expires:
February 13, 1999

Ho-Shen Lin
Ho-Shen Lin

UNITED STATES OF AMERICA

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

Before me, a Notary Public for Marion, County, State of Indiana, personally appeared Ho-Shen Lin and acknowledged the execution of the foregoing instrument this 29th day of April, 1978.

My Commission Expires _____
D'Leah R. Sanders D'Leah R. Sanders
Resident: Marion County Notary Public
My Commission Expires:
February 13, 1999

Jefferson Ray McCowan
Jefferson Ray McCowan

UNITED STATES OF AMERICA

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

Before me, a Notary Public for Marion, County, State of Indiana, personally appeared Jefferson Ray McCowan and acknowledged the execution of the foregoing instrument this 11th day of June, 1978.

My Commission Expires _____
D'Leah R. Sanders D'Leah R. Sanders
Resident: Marion County Notary Public
My Commission Expires:
February 13, 1999

Daniel Jon Sall
Daniel Jon Sall

UNITED STATES OF AMERICA

STATE OF INDIANA)
) ss:
COUNTY OF MARION)

Before me, a Notary Public for Marion, County, State of Indiana, personally appeared Daniel Jon Sall and acknowledged the execution of the foregoing instrument this 22nd day of April, 1998.

D'Leah R. Sanders
Notary Public

My Commission Expires _____
D'Leah R. Sanders
Resident: Marion County
My Commission Expires:
February 13, 1999

Gerald Floyd Smith
Gerald Floyd Smith

UNITED STATES OF AMERICA

STATE OF INDIANA)
) ss:
COUNTY OF MARION)

Before me, a Notary Public for Marion, County, State of Indiana, personally appeared Gerald Floyd Smith and acknowledged the execution of the foregoing instrument this 11th day of June, 1998.

D'Leah R. Sanders
Notary Public
Resident: Marion County
My Commission Expires:
February 13, 1999

My Commission Expires _____

Kumiko Takeuchi
Kumiko Takeuchi

UNITED STATES OF AMERICA

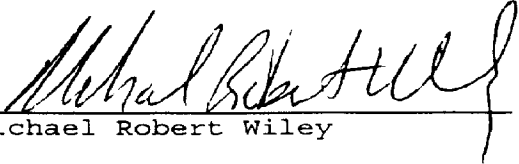
STATE OF INDIANA)
) ss:
COUNTY OF MARION)

Before me, a Notary Public for Marion, County, State of Indiana, personally appeared Kumiko Takeuchi and acknowledged the execution of the foregoing instrument this 24th day of April, 1998.

D'Leah R. Sanders
Notary Public

My Commission Expires _____

Resident: Marion County
My Commission Expires:
February 13, 1999

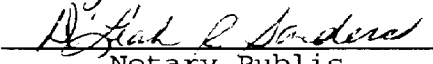
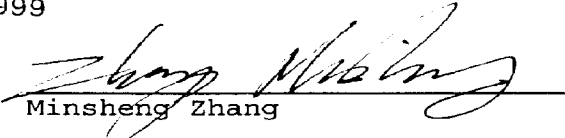

Michael Robert Wiley

UNITED STATES OF AMERICA

STATE OF INDIANA)
COUNTY OF MARION) ss: _____

Before me, a Notary Public for Marion, County, State of Indiana, personally appeared Michael Robert Wiley and acknowledged the execution of the foregoing instrument this 29th day of April, 1998.

My Commission Expires _____
D'Leah R. Sanders
Resident: Marion County
My Commission Expires:
February 13, 1999


Notary Public
Minsheng Zhang

UNITED STATES OF AMERICA

STATE OF NEW JERSEY)
COUNTY OF Mercer) ss: _____

Before me, a Notary Public for Merces, County, State of New Jersey, personally appeared Minsheng Zhang and acknowledged the execution of the foregoing instrument this 14 day of April, 1998.

My Commission Expires _____


Notary Public5-9-99