

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Thomas Daniel Aicher	02/24/2005
Zhaogen Chen	02/22/2005
Fionna Mitchell Martin	01/27/2005
Marta Maria Pineiro-Nunez	02/22/2005
Vincent Patrick Rocco	02/22/2005
Kevin Michael Ruley	02/22/2005
John Mehnert Schaus	02/22/2005
Patrick Gianpietro Spinazze	02/22/2005
David Edward Tupper	01/27/2005
Yvan LeHuerou	03/04/2005

RECEIVING PARTY DATA

Name:	Eli Lilly and Company
Street Address:	Lilly Corporate Center
Internal Address:	Patent Division
City:	Indianapolis
State/Country:	INDIANA
Postal Code:	46285

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10523147

CORRESPONDENCE DATA

Fax Number: (317)276-3861

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: patents@lilly.com

Correspondent Name: Eli Lilly and Company/ Linda Durbin

Address Line 1: P.O. Box 6288

PATENT

500168764

REEL: 018427 FRAME: 0757

CH \$40.00 10523147

Address Line 2: Patent Division
Address Line 4: Indianapolis, INDIANA 46206-6288

ATTORNEY DOCKET NUMBER: X-15515

NAME OF SUBMITTER: Linda M. Durbin

Total Attachments: 18

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ASSIGNMENT

WHEREAS I, am an inventor or co-inventor (with the persons listed below) of an invention that is the subject of a patent application ("Application") which is entitled PIPERAZINE SUBSTITUTED ARYL BENZODIAZEPINES, containing 342 pages and 0 drawings, and which:

☐ is being filed:

☒ was filed:

☐ in the United States Patent and Trademark Office

☐ in the United Kingdom Patent Office

☐ in the European Patent Office

☐ in the Spanish Patent Office as a European Application

☒ as an international application under the Patent Cooperation Treaty ("PCT"), with:

☐ United States Patent and Trademark Office acting as Receiving Office, or

☒ International Bureau acting as Receiving Office;

on 28 July 2003 and accorded serial number PCT/IB2003/003583;

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 my employment, any agreements related thereto, or other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to Eli Lilly and Company, its successors and assigns (collectively "Lilly") my 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 any country, inclusive of, but not limited to, continuations, continuations-in-part, divisions, substitutions, reexaminations, reissues, international applications filed under the PCT, United States provisional patent applications, subsequent United States provisional patent applications claiming some or all of this invention, 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; and any 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 me had this Assignment and sale to Lilly not been made.

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

For myself and for my heirs, successors and legal representatives, I further covenant and agree with Lilly that upon request I 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 me 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 I have executed this assignment on the date indicated below.

02/24/2005
Date

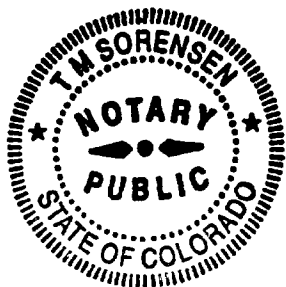
Thomas Daniel Aicher
Thomas Daniel Aicher
3070 North Torrey's Peak Drive
Superior, Colorado 80027
United States of America

UNITED STATES OF AMERICA

STATE OF COLORADO)
) SS:
COUNTY OF Boulder)

Before me, a Notary Public for Boulder County, State of Colorado, personally appeared Thomas Daniel Aicher and acknowledged the execution of the foregoing instrument this 24th day of February, 2005.

J. M. Sorensen
Notary Public
Expires 4/22/07



Date _____

Zhaogen Chen
9972 Parkshore Drive
Noblesville, Indiana 46060
China

UNITED STATES OF AMERICA

STATE OF INDIANA)
) SS:
COUNTY OF _____)

Before me, a Notary Public for _____ County, State of Indiana, personally
appeared Zhaogen Chen and acknowledged the execution of the foregoing instrument this
_____ day of _____, 2004.

Notary Public

Date _____

Yvan LeHuerou
2775 Lee Hill Road
Boulder, Colorado 80302
France

UNITED STATES OF AMERICA

STATE OF COLORADO)
) SS:
COUNTY OF _____)

Before me, a Notary Public for _____ County, State of Colorado,
personally appeared Yvan LeHuerou and acknowledged the execution of the foregoing
instrument this _____ day of _____, 2004.

Notary Public

27 JAN 2005
Date

Fiona Mitchell Martin
Fionna Mitchell Martin
27 Simkins Close
Winkfield Row, Bracknell
Berkshire RG42 7QS
Great Britain

Date

Marta Maria Pineiro-Nunez
364 Thornburg Parkway
Brownsburg, Indiana 46112
Spain

UNITED STATES OF AMERICA

STATE OF INDIANA)
) SS:
COUNTY OF _____)

Before me, a Notary Public for _____ County, State of Indiana, personally
appeared Marta Maria Pineiro-Nunez and acknowledged the execution of the foregoing
instrument this _____ day of _____, 2004.

Notary Public

Date

Vincent Patrick Rocco
4107 Heyward Place
Indianapolis, Indiana 46250
United States of America

UNITED STATES OF AMERICA

STATE OF INDIANA)
) SS:
COUNTY OF _____)

Before me, a Notary Public for _____ County, State of Indiana, personally
appeared Vincent Patrick Rocco and acknowledged the execution of the foregoing
instrument this _____ day of _____, 2004.

Notary Public

Date _____

Kevin Michael Ruley
2046 Windy Hill Lane
Indianapolis, Indiana 46239
United States of America

UNITED STATES OF AMERICA

STATE OF INDIANA)

) SS:

COUNTY OF _____)

Before me, a Notary Public for _____ County, State of Indiana, personally
appeared Kevin Michael Ruley and acknowledged the execution of the foregoing instrument
this _____ day of _____, 2004.

Notary Public

Date _____

John Mehnert Schaus
135 Raintree Drive
Zionsville, Indiana 46077
United States of America

UNITED STATES OF AMERICA

STATE OF INDIANA)

) SS:

COUNTY OF _____)

Before me, a Notary Public for _____ County, State of Indiana, personally
appeared John Mehnert Schaus and acknowledged the execution of the foregoing instrument
this _____ day of _____, 2004.

Notary Public

Date

Patrick Gianpietro Spinazze
1437 Northern Valley Trail
Avon, Indiana 46123
United States of America

UNITED STATES OF AMERICA

STATE OF INDIANA)

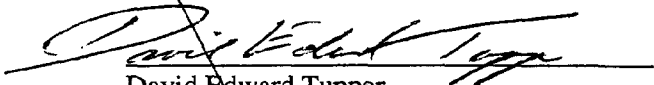
) SS:

COUNTY OF _____)

Before me, a Notary Public for _____ County, State of Indiana, personally appeared Patrick Gianpietro Spinazze and acknowledged the execution of the foregoing instrument this _____ day of _____, 2004.

Notary Public

27 JAN 2005
Date



David Edward Tupper
8 Mildenhall Close, Lower Earley
Reading, Berkshire, RG6 3AT,
Great Britain
Great Britain

ASSIGNMENT

WHEREAS I, am an inventor or co-inventor (with the persons listed below) of an invention that is the subject of a patent application ("Application") which is entitled **PIPERAZINE SUBSTITUTED ARYL BENZODIAZEPINES**, containing 342 pages and 0 drawings, and which:

☐ is being filed:

☒ was filed:

☐ in the United States Patent and Trademark Office

☐ in the United Kingdom Patent Office

☐ in the European Patent Office

☐ in the Spanish Patent Office as a European Application

☒ as an international application under the Patent Cooperation Treaty ("PCT"), with:

☐ United States Patent and Trademark Office acting as Receiving Office, or

☒ International Bureau acting as Receiving Office;

on 28 July 2003 and accorded serial number PCT/IB2003/003583;

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 my employment, any agreements related thereto, or other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to Eli Lilly and Company, its successors and assigns (collectively "Lilly") my 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 any country, inclusive of, but not limited to, continuations, continuations-in-part, divisions, substitutions, reexaminations, reissues, international applications filed under the PCT, United States provisional patent applications, subsequent United States provisional patent applications claiming some or all of this invention, 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; and any related patent

PATENT
REEL: 018427 FRAME: 0766

2/22/05
Date

Zhaogen Chen
Zhaogen Chen
9972 Parkshore Drive
Noblesville, Indiana 46060
China

UNITED STATES OF AMERICA

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

Before me, a Notary Public for Morgan County, State of Indiana, personally appeared Zhaogen Chen and acknowledged the execution of the foregoing instrument this 22nd day of February, 2005

KELLY L. RAMSEY
MY COMMISSION EXPIRES:
OCTOBER 30, 2009
RESIDENT OF ~~MARION~~ MORGAN COUNTY

Kelly L Ramsey
Notary Public

Date

Yvan LeHuerou
2775 Lee Hill Road
Boulder, Colorado 80302
France

UNITED STATES OF AMERICA

STATE OF COLORADO)
) SS:
COUNTY OF _____)

Before me, a Notary Public for _____ County, State of Colorado, personally appeared Yvan LeHuerou and acknowledged the execution of the foregoing instrument this _____ day of _____, 2004.

Notary Public

27 JAN 2005
Date

Fionna Mitchell Martin
Fionna Mitchell Martin
27 Simkins Close
Winkfield Row, Bracknell
Berkshire RG42 7QS
Great Britain

22 Feb 2005
Date

Marta Maria Pineiro Nunez
Marta Maria Pineiro-Nunez
364 Thornburg Parkway
Brownsburg, Indiana 46112
Spain

UNITED STATES OF AMERICA

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

Before me, a Notary Public for Morgan County, State of Indiana, personally appeared Marta Maria Pineiro-Nunez and acknowledged the execution of the foregoing instrument this 22nd day of February, 2005.

KELLY L. RAMSEY
MY COMMISSION EXPIRES:
OCTOBER 30, 2009
RESIDENT OF ~~MARION~~ COUNTY
MORGAN

Kelly L Ramsey
Notary Public

2/22/05
Date

Vincent Patrick Rocco
Vincent Patrick Rocco
4107 Heyward Place
Indianapolis, Indiana 46250
United States of America

UNITED STATES OF AMERICA

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

Before me, a Notary Public for MORGAN County, State of Indiana, personally appeared Vincent Patrick Rocco and acknowledged the execution of the foregoing instrument this 22nd day of February, 2005.

KELLY L. RAMSEY
MY COMMISSION EXPIRES:
OCTOBER 30, 2009
RESIDENT OF ~~MARION~~ COUNTY
MORGAN

Kelly L Ramsey
Notary Public

PATENT

REEL: 018427 FRAME: 0768

2/22/05
Date

Kevin Michael Ruley
Kevin Michael Ruley
2046 Windy Hill Lane
Indianapolis, Indiana 46239
United States of America

UNITED STATES OF AMERICA

STATE OF INDIANA)
) SS:
COUNTY OF MARION)

Before me, a Notary Public for MORGAN County, State of Indiana, personally appeared Kevin Michael Ruley and acknowledged the execution of the foregoing instrument this 22nd day of February, 2005.

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MY COMMISSION EXPIRES:
OCTOBER 30, 2009
RESIDENT OF ~~MARION~~ COUNTY
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Kelly L. Ramsey
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Date

John Mehnert Schaus
John Mehnert Schaus
135 Raintree Drive
Zionsville, Indiana 46077
United States of America

UNITED STATES OF AMERICA

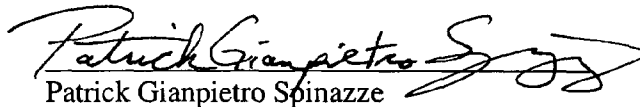
STATE OF INDIANA)
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MORGAN

Kelly L. Ramsey
Notary Public

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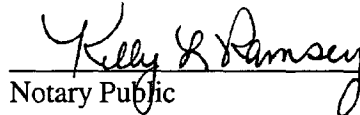

Patrick Gianpietro Spinazze
1437 Northern Valley Trail
Avon, Indiana 46123
United States of America

UNITED STATES OF AMERICA

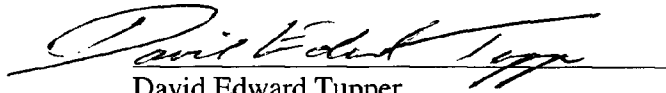
STATE OF INDIANA)
) SS:
COUNTY OF MORGAN)

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MY COMMISSION EXPIRES:
OCTOBER 30, 2009
RESIDENT OF ~~MARION~~ COUNTY
MORGAN


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27 JAN 2005
Date


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8 Mildenhall Close, Lower Earley
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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 me had this Assignment and sale to Lilly not been made.

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

For myself and for my heirs, successors and legal representatives, I further covenant and agree with Lilly that upon request I 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 me 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 I have executed this assignment on the date indicated below.

Date

Thomas Daniel Aicher
3070 North Torrey's Peak Drive
Superior, Colorado 80027
United States of America

UNITED STATES OF AMERICA

STATE OF COLORADO)
) SS:
COUNTY OF _____)

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Notary Public

Date

Zhaogen Chen
9972 Parkshore Drive
Noblesville, Indiana 46060
China

UNITED STATES OF AMERICA

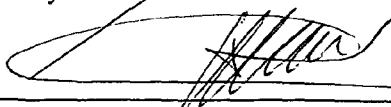
STATE OF INDIANA)

) SS:

COUNTY OF _____)

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Notary Public



Yvan LeHuerou
2775 Lee Hill Road
Boulder, Colorado 80302
France

Date

03-04-05

UNITED STATES OF AMERICA

STATE OF COLORADO)

) SS:

COUNTY OF Boulder)

Before me, a Notary Public for Boulder County, State of Colorado, personally appeared Yvan LeHuerou and acknowledged the execution of the foregoing instrument this 4th day of March, 2004. 2005 JMS



Notary Public
Expires 4/22/07

27 JAN 2005

Date

Fiona Mitchell Martin
Fionna Mitchell Martin
27 Simkins Close
Winkfield Row, Bracknell
Berkshire RG42 7QS
Great Britain

Date

Marta Maria Pineiro-Nunez
Marta Maria Pineiro-Nunez
364 Thornburg Parkway
Brownsburg, Indiana 46112
Spain

UNITED STATES OF AMERICA

STATE OF INDIANA)

) SS:

COUNTY OF _____)

Before me, a Notary Public for _____ County, State of Indiana, personally appeared Marta Maria Pineiro-Nunez and acknowledged the execution of the foregoing instrument this _____ day of _____, 2004.

Notary Public

Date

Vincent Patrick Rocco
Vincent Patrick Rocco
4107 Heyward Place
Indianapolis, Indiana 46250
United States of America

UNITED STATES OF AMERICA

STATE OF INDIANA)

) SS:

COUNTY OF _____)

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Notary Public

Date _____

Kevin Michael Ruley
2046 Windy Hill Lane
Indianapolis, Indiana 46239
United States of America

UNITED STATES OF AMERICA

STATE OF INDIANA)

) SS:

COUNTY OF _____)

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Notary Public

Date _____

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135 Raintree Drive
Zionsville, Indiana 46077
United States of America

UNITED STATES OF AMERICA

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Notary Public

Date

Patrick Gianpietro Spinazze
1437 Northern Valley Trail
Avon, Indiana 46123
United States of America

UNITED STATES OF AMERICA

STATE OF INDIANA)

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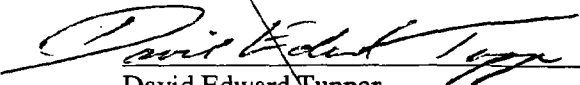
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8 Mildenhall Close, Lower Earley
Reading, Berkshire, RG6 3AT,
Great Britain
Great Britain

PATENT