

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Bryan Hurst Norman	10/25/2007
Julian Stanley Kroin	10/25/2007
Elizabeth Marie Thomas	10/15/2007
Venkatesh Krishnan	10/25/2007

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:	11814806

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

ATTORNEY DOCKET NUMBER: X-16101

NAME OF SUBMITTER: Linda M. Durbin

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PATENT
REEL: 020022 FRAME: 0827

CH \$40.00 11814806

Total Attachments: 5

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PATENT

REEL: 020022 FRAME: 0828

ASSIGNMENT**WHEREAS,**

Bryan Hurst Norman
8648 Admirals Bay Drive
Indianapolis, Indiana 46236
Citizenship: USA

Elizabeth Marie Thomas
798 Robin Road
Lexington, Kentucky 40502
Citizenship: USA

Julian Stanley Kroin
8418 Hilltop Drive
Indianapolis, Indiana 46234
Citizenship: USA

Venkatesh Krishnan
11161 Mirador Lane
Fishers, Indiana 46037
Citizenship: USA

are inventors or co-inventors (with the persons listed above) of an invention that is the subject of a patent application ("Application") which is entitled **SUBSTITUTED TETRALINS AS SELECTIVE ESTROGEN RECEPTOR-BETA AGONISTS**, containing 134 pages and 0 sheets of 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

on February 10, 2006 and accorded serial number PCT/US2006/004540;

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,

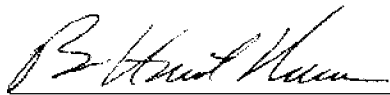
including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all present or future patent applications to such inventions that may be filed in any country, inclusive of, but not limited to, continuations, continuations-in-part, divisions, substitutions, 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.

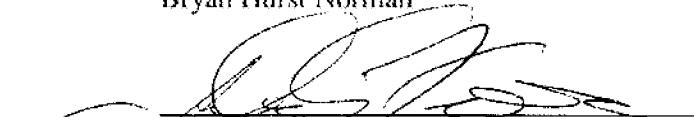
For myself and for my heirs, successors and legal representatives, I further covenant and agree with Lilly that upon request I and they will, without further consideration than that now paid, but at the expense of Lilly: (i) execute original, provisional, substitute, continuation, divisional, continuation-in-part, 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.

I have executed this assignment on the date indicated below.

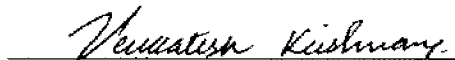
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Bryan Hurst Norman

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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.

I have executed this assignment on the date indicated below.

11-15-07
Date

Elizabeth M. Thomas
Elizabeth Marie Thomas

UNITED STATES OF AMERICA

STATE OF Kentucky)

) SS: 406-37-2911

COUNTY OF Woodford)

Before me, a Notary Public for Woodford County, State of Kentucky, personally appeared Elizabeth Marie Thomas and acknowledged the execution of the foregoing instrument this 15th day of Oct. 2007, 2007.

Mary S. Fryer
Notary Public
Commission Expires: June 23, 2010