

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2815321

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RICHARD B. SILVERMAN	08/01/2011
FENGTIAN XUE	08/01/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NORTHWESTERN UNIVERSITY
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<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60208
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14252478
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	11221-DIV
<b>NAME OF SUBMITTER:</b>	TRAVIS MCDONNELL
<b>SIGNATURE:</b>	/Travis McDonnell/
<b>DATE SIGNED:</b>	04/15/2014
<b>Total Attachments: 4</b>	
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source=11221-DIV Assignment#page2.tif	
source=11221-DIV Assignment#page3.tif	
source=11221-DIV Assignment#page4.tif	

PATENT

Attorney Docket No: 11221

For:  U.S. and/or  Foreign Rights

For:  U.S. Application or  U.S. Patent

By:  Inventor(s) or  Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to each ASSIGNOR identified below of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

(inventor(s) or

Richard B. Silverman ("ASSIGNOR")

(Type or print name(s) of ASSIGNOR(S))

person(s) or entity(ies)  
who own the invention)

4106 Rutgers Lane

Northbrook, IL 60062

(Address)

US

(Nationality)

(inventor(s) or

Fengtian Xue ("ASSIGNOR")

(Type or print name(s) of ASSIGNOR(S))

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3633 Twelve Oaks Avenue

Baton Rouge, LA 70820

(Address)

CN

(Nationality)

*(If assignment is by person or entity to whom invention was previously assigned  
and this was recorded in PTO add the following)*

Recorded on \_\_\_\_\_  
Reel \_\_\_\_\_  
Frame \_\_\_\_\_

hereby sells, assigns and transfers to

ASSIGNEE:

\_\_\_\_\_  
Northwestern University  
\_\_\_\_\_  
633 Clark Street  
\_\_\_\_\_  
Evanston, IL 60208  
\_\_\_\_\_  
(Address)

(An Illinois university)

and the successors, assigns and legal representatives of the ASSIGNEE  
(complete one of the following)

- the entire right, title and interest  
 an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest  
for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority,  
in and to any and all improvements which are disclosed in the invention entitled:

CHIRAL SYNTHESIS OF PYRROLIDINE CORE COMPOUNDS EN ROUTE  
TO NEURONAL NITRIC OXIDE SYNTHASE INHIBITORS

(check and complete (a), (b), (c) or (d))

and which is found in

- (a)  U.S. patent application executed on even date herewith  
(b)  U.S. patent application executed on \_\_\_\_\_  
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an  
ASSIGNOR signing below, hereby authorize and request my attorney, as  
named in the Declaration and Power of Attorney I executed for this  
invention on the execution date stated above, to insert below the  
filing date and application number when it becomes known.  
(c)  U.S. application serial no. 13/174,982 filed on 07/01/2011  
(d)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_  
 A change of address to which correspondence is to be sent regarding patent  
maintenance fees is being sent separately.

*(also check (e) if foreign application(s) is also being assigned)*

(e)  and any legal equivalent thereof in a foreign country, including the right to claim priority

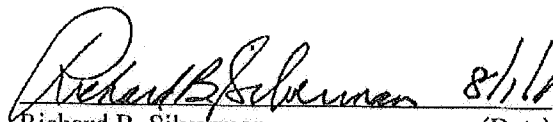
and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants 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.

*WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.*

Signature of ASSIGNOR(S):

  
Richard B. Silverman (Date) 8/16

\_\_\_\_\_  
Fengtian Xue (Date)

*(also check (e) if foreign application(s) is also being assigned)*

(e)  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 re-examination thereof

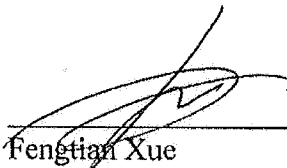
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants 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.

*WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.*

Signature of ASSIGNOR(S):

\_\_\_\_\_  
Richard B. Silverman (Date)

  
\_\_\_\_\_  
Fengtian Xue (Date) 8/1/11