

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
GERALD W. SHIPPS JR.	01/03/2008
CLIFF C. CHENG	01/03/2008
XIAOHUA HUANG	01/04/2008
THIERRY O. FISCHMANN	01/10/2008
JOSE S. DUCA	01/10/2008
MATTHEW RICHARDS	01/07/2008
HONGBO ZENG	01/03/2008
BINYUAN SUN	01/03/2008
PANDURANGA ADULLA P. REDDY	01/07/2008
LIANYUN ZHAO	01/03/2008
SHUYI TANG	01/03/2008
TZU T. WONG	01/03/2008
PRAVEEN K. TADIKONDA	01/04/2008
LUIS E. TORRES	01/03/2008
M. ARSHAD SIDDIQUI	01/03/2008
MICHAEL P. DWYER	01/10/2008
KARTIK M. KEERTIKAR	01/10/2008
TIMOTHY J. GUZI	01/02/2008

**RECEIVING PARTY DATA**

<b>Name:</b>	SCHERING CORPORATION
<b>Street Address:</b>	2000 GALLOPING HILL ROAD
<b>City:</b>	KENILWORTH
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07033

PROPERTY NUMBERS Total: 1

Property Type	Number

**500854742**

**PATENT  
 REEL: 022654 FRAME: 0538**

**CH \$40.00 US0722928**

PCT Number:

US0722928

**CORRESPONDENCE DATA**

Fax Number: (908)298-5388

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

Phone: 908-298-5255

Email: shawn.m.armstrong@spcorp.com

Correspondent Name: SCHERING-PLOUGH CORPORATION

Address Line 1: 2000 GALLOPING HILL ROAD

Address Line 2: K-6-1, 1990

Address Line 4: KENILWORTH, NEW JERSEY 07033

ATTORNEY DOCKET NUMBER:

OC06521

NAME OF SUBMITTER:

SHAWN ARMSTRONG

**Total Attachments: 10**

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(Non-Provisional Joint)

PATENT CASE: OC06521

### ASSIGNMENT

For good and valuable consideration paid to us

- |                                       |                                  |
|---------------------------------------|----------------------------------|
| (1) <u>Gerald W. Shipps, Jr.</u>      | (10) <u>Lianyun Zhao</u>         |
| (2) <u>Cliff C. Cheng</u>             | (11) <u>Shuyi Tang</u>           |
| (3) <u>Xiaohua Huang</u>              | (12) <u>Tzu T. Wong</u>          |
| (4) <u>Thierry O. Fischmann</u>       | (13) <u>Praveen K. Tadikonda</u> |
| (5) <u>Jose S. Duca</u>               | (14) <u>Luis E. Torres</u>       |
| (6) <u>Matthew Richards</u>           | (15) <u>Arshad M. Siddiqui</u>   |
| (7) <u>Hongbo Zeng</u>                | (16) <u>Michael P. Dwyer</u>     |
| (8) <u>Binyuan Sun</u>                | (17) <u>Kartik M. Keertikar</u>  |
| (9) <u>Panduranga Adulfa P. Reddy</u> | (18) <u>Timothy J. Guzi</u>      |

respectively residing at

- |                              |                               |
|------------------------------|-------------------------------|
| (1) <u>Stoneham, MA</u>      | (10) <u>Burlington, MA</u>    |
| (2) <u>Cambridge, MA</u>     | (11) <u>Quincy, MA</u>        |
| (3) <u>Malden, MA</u>        | (12) <u>Belmont, MA</u>       |
| (4) <u>Scotch Plains, NJ</u> | (13) <u>Norwood, MA</u>       |
| (5) <u>Cranford, NJ</u>      | (14) <u>Medford, MA</u>       |
| (6) <u>Somerville, MA</u>    | (15) <u>Newton, MA</u>        |
| (7) <u>Westford, MA</u>      | (16) <u>Scotch Plains, NJ</u> |
| (8) <u>Chestnut Hill, MA</u> | (17) <u>East Windsor, NJ</u>  |
| (9) <u>Walpole, MA</u>       | (18) <u>Sudbury, MA</u>       |

by **SCHERING CORPORATION**, a corporation organized under the laws of the State of New Jersey, United States of America, having its principal office at 2000 Galloping Hill Road, Kenilworth, New Jersey 07033, United States of America, (hereinafter called "**ASSIGNEE**"), we each do hereby sell, assign and transfer to said **ASSIGNEE** our entire right, title and interest in all countries of the world in and to any and all of our inventions and discoveries described in the patent application entitled

#### ANILINOPIPERAZINE DERIVATES AND METHODS OF USE THEREOF

and officially identified\* by the United States Patent and Trademark Office as Application Number \_\_\_\_\_ filed on \_\_\_\_\_, and/or by the World Intellectual Property Organization as International Patent Application Number US2007/022928 filed on October 29, 2007, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid inventions and discoveries in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified patent application under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement to which the United States now is or hereafter becomes a signatory, in and to any and all Letters Patent that are granted from any of the aforesaid patent applications, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said inventions, and in and to any continuations, divisions, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, its successors, assigns and other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, and Letters Patent and continuations, divisions, reissues, renewals and extensions thereof in **ASSIGNEE**, its successors, assigns or other legal representatives, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute any additional or divisional applications for

PATENT

REEL: 022654 FRAME: 0540

patents for said inventions and discoveries, or any part or parts thereof, and applications for patents of confirmation, registration and importation based on said Letters Patent and on Letters Patent issuing from said additional or divisional applications and reissues, renewals and extensions therefor, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, its successors, assigns or other legal representatives.

\*We hereby authorize **ASSIGNEE** to insert in this instrument the Application Number and the filing date of said application for Letters Patent when officially notified thereof.

Executed this 3<sup>rd</sup> day of January, 20 08.

Gerald W. Shipp, Jr. L.S.  
**GERALD W. SHIPPS, JR.**


**ACKNOWLEDGEMENT**

State of Massachusetts )  
County of Middlesex ) s.s.:

On this 3<sup>rd</sup> day of January, 2008, personally appeared before me Gerald W. Shipp, Jr. to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Lina M. Terranova  
Notary Public

 **LINA M. TERRANOVA**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
October 26, 2012

Executed this 3<sup>rd</sup> day of January, 20 08.

Cliff C. Cheng L.S.  
**CLIFF C. CHENG**


**ACKNOWLEDGEMENT**

State of Massachusetts )  
County of Middlesex ) s.s.:

On this 3<sup>rd</sup> day of January, 20 08, personally appeared before me Cliff C. Cheng to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Lina M. Terranova  
Notary Public

 **LINA M. TERRANOVA**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
October 26, 2012

Executed this 4 day of January, 2008.

Xiaohua Huang L.S.  
**XIAOHUA HUANG**

**ACKNOWLEDGEMENT**

State of Massachusetts  
County of Middlesex } s.s.:

On this 4<sup>th</sup> day of January, 2008, personally appeared before me Xiaohua Huang to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Lina M. Terranova  
Notary Public



**LINA M. TERRANOVA**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
October 26, 2012

Executed this 10 day of January, 2008.

Thierry O. Fischmann L.S.  
**THIERRY O. FISCHMANN**

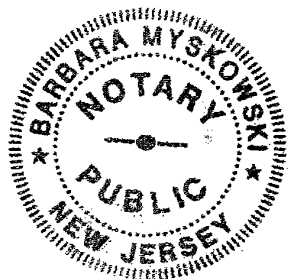
**ACKNOWLEDGEMENT**

State of New Jersey  
County of Union } s.s.:

On this 10 day of January, 2008, personally appeared before me Thierry O. Fischmann to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Barbara Myskowski  
Notary Public



**BARBARA MYSKOWSKI**  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 6/15/2009

Executed this 10<sup>th</sup> day of January, 2008.

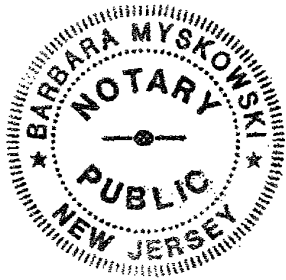
[Signature]  
L.S.  
**JOSE S. DUCA**

**ACKNOWLEDGEMENT**

State of New Jersey )  
County of Union ) s.s.:

On this 10 day of January, 2008, personally appeared before me Jose S. Duca to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)



[Signature]  
Notary Public

BARBARA MYSKOWSKI  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 6/15/2009

Executed this 7<sup>th</sup> day of January, 2008.

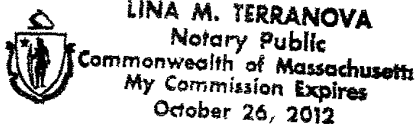
[Signature]  
L.S.  
**MATTHEW RICHARDS**

**ACKNOWLEDGEMENT**

State of Massachusetts )  
County of Middlesex ) s.s.:

On this 7<sup>th</sup> day of January, 2008, personally appeared before me Matthew Richards to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)



[Signature]  
Notary Public

Executed this 03 day of Jan., 2008.

[Signature] L.S.  
**HONGBO ZENG**

**ACKNOWLEDGEMENT**

State of Massachusetts )  
County of Middlesex ) s.s.:

On this 3rd day of January, 2008, personally appeared before me Hongbo Zeng to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)



LINA M. TERRANOVA  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
October 26, 2012

[Signature]  
Notary Public

Executed this 03 day of Jan., 2008.

[Signature] L.S.  
**BINYUAN SUN**

**ACKNOWLEDGEMENT**

State of Massachusetts )  
County of Middlesex ) s.s.:

On this 3rd day of January, 2008, personally appeared before me Binyuan Sun to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)



LINA M. TERRANOVA  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
October 26, 2012

[Signature]  
Notary Public

Executed this 7th day of January, 2008.

[Signature]  
L.S.  
PANDURANGA ADULLA P. REDDY


**ACKNOWLEDGEMENT**

State of Massachusetts  
County of Middlesex } s.s.:

On this 7th day of January, 2008, personally appeared before me Panduranga Adulla P. Reddy to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

[Signature]  
Notary Public

 **LINA M. TERRANOVA**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
October 26, 2012

Executed this 3rd day of Jan, 2008.

[Signature]  
L.S.  
LIANYUN ZHAO


**ACKNOWLEDGEMENT**

State of Massachusetts  
County of Middlesex } s.s.:

On this 3rd day of January, 2008, personally appeared before me Lianyun Zhao to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

[Signature]  
Notary Public

 **LINA M. TERRANOVA**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
October 26, 2012



Executed this 3rd day of Jan, 2008.

[Signature]  
\_\_\_\_\_  
**SHUYI TANG** L.S.

**ACKNOWLEDGEMENT**

State of Massachusetts  
County of Middlesex } s.s.:

On this 3rd day of January, 2008, personally appeared before me Shuyi Tang to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)



LINA M. TERRANOVA  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
October 26, 2012

[Signature]  
\_\_\_\_\_  
Notary Public

Executed this 3rd day of Jan, 2008.

[Signature]  
\_\_\_\_\_  
**TZU T. WONG** L.S.

**ACKNOWLEDGEMENT**

State of Massachusetts  
County of Middlesex } s.s.:

On this 3rd day of January, 2008, personally appeared before me Tzu T. Wong to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)



LINA M. TERRANOVA  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
October 26, 2012

[Signature]  
\_\_\_\_\_  
Notary Public

Executed this 4th day of January, 2008.

[Signature]  
PRAVEEN K. TADIKONDA L.S.

**ACKNOWLEDGEMENT**

State of Massachusetts )  
County of Middlesex ) s.s.:

On this 4th day of January, 2008, personally appeared before me Praveen K. Tadikonda to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)



LINA M. TERRANOVA  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
October 26, 2012

[Signature]  
Notary Public

Executed this 3rd day of January, 2008.

[Signature]  
LUIS E. TORRES L.S.

**ACKNOWLEDGEMENT**

State of Massachusetts )  
County of Middlesex ) s.s.:

On this 3rd day of January, 2008, personally appeared before me Luis E. Torres to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)



LINA M. TERRANOVA  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
October 26, 2012

[Signature]  
Notary Public

Executed this 03 day of January, 2008.

M. a. Siddiqui L.S.  
**ARSHAD M. SIDDIQUI**

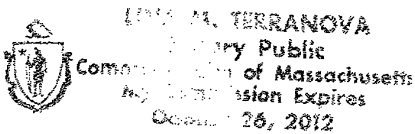
**ACKNOWLEDGEMENT**

State of Massachusetts  
County of Middlesex ) s.s.:

On this 3rd day of January, 2008, personally appeared before me Arshad M. Siddiqui to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

[Signature]  
Notary Public



Executed this 10 day of January, 2008.

Michael P. Dwyer L.S.  
**MICHAEL P. DWYER**

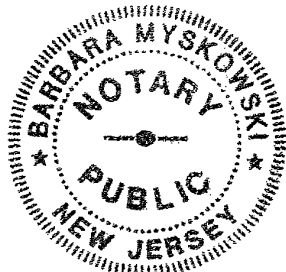
**ACKNOWLEDGEMENT**

State of New Jersey  
County of Union ) s.s.:

On this 10 day of January, 2008, personally appeared before me Michael P. Dwyer to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

[Signature]  
Notary Public



**BARBARA MYSKOWSKI**  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 6/15/2009

Executed this 10 day of JANUARY, 2008.

*Kartik M. Keertikar* L.S.  
**KARTIK M. KEERTIKAR**

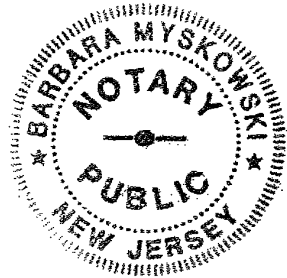
**ACKNOWLEDGEMENT**

State of New Jersey )  
County of Union ) s.s.:

On this 10 day of January, 2008, personally appeared before me Kartik M. Keertikar to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

*Barbara Myskowski*  
Notary Public



**BARBARA MYSKOWSKI**  
**NOTARY PUBLIC OF NEW JERSEY**  
Commission Expires 6/15/2009

Executed this 2<sup>nd</sup> day of January, 2008.

*Timothy J. Guzi* L.S.  
**TIMOTHY J. GUZI**

**ACKNOWLEDGEMENT**

State of Massachusetts )  
County of Middlesex ) s.s.:

On this 2<sup>nd</sup> day of January, 2008, personally appeared before me Timothy J. Guzi to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

*Lina M. Terranova*  
Notary Public



**LINA M. TERRANOVA**  
**Notary Public**  
**Commonwealth of Massachusetts**  
**My Commission Expires**  
**October 26, 2012**