

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRIAN MCKITTRICK	06/03/2005
ZHONG-YUE SUN	06/10/2005
YUANZAN C. YE	06/09/2005
JOHANNES H. VOIGT	06/10/2005
COREY STRICKLAND	06/10/2005
ELIZABETH M. SMITH	06/10/2005
ANDREW STAMFORD	06/10/2005
WILLIAM J. GREENLEE	06/10/2005
ROBERT MAZZOLA	06/10/2005
JOHN CALDWELL	06/10/2005
JARED CUMMING	06/10/2005
LINGYAN WANG	06/10/2005
YUSHENG WU	06/10/2005
ULRICH ISERLOH	06/10/2005
ZHAONING ZHU	06/10/2005

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11149027

CORRESPONDENCE DATA

500044088

PATENT  
REEL: 016373 FRAME: 0239

CH \$40.00 11149027

Fax Number: (908)298-5388

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

Phone: 908-298-5209

Email: sheryl.hohmann@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

NAME OF SUBMITTER:

SHERYL HOHMANN

Total Attachments: 9

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(Joint)

PATENT CASE: CN06136-01US04

## ASSIGNMENT

For good and valuable consideration paid to us,

- (1) ZHAONING ZHU
- (2) BRIAN McKITTRICK
- (3) ZHONG YUE SUN
- (4) YUANZAN C. YE
- (5) JOHANNES H. VOIGT
- (6) COREY STRICKLAND
- (7) ELIZABETH M. SMITH
- (8) ANDREW STAMFORD
- (9) WILLIAM J. GREENLEE
- (10) ROBERT MAZZOLA
- (11) JOHN CALDWELL
- (12) JARED CUMMING
- (13) LINGYAN WANG
- (14) YUSHENG WU
- (15) ULRICH ISERLOH

respectively residing at

- (1) Plainsboro, New Jersey
- (2) New Vernon, New Jersey
- (3) Parlin, New Jersey
- (4) Edison, New Jersey
- (5) Cranford, New Jersey
- (6) Martinsville, New Jersey
- (7) Verona, New Jersey
- (8) Chatham Township, New Jersey
- (9) Teaneck, New Jersey
- (10) Stewartsville, New Jersey
- (11) Ringwood, New Jersey
- (12) Garwood, New Jersey
- (13) East Brunswick, New Jersey
- (14) New York, New York
- (15) Hoboken, New Jersey

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 rights, 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 \_\_\_\_

### HETEROCYCLIC ASPARTYL PROTEASE INHIBITORS

and officially identified\* by the United States Patent and Trademark Office as Application Number 11/149027 filed on June 9, 2005 , and/or by the World Intellectual Property Organization as International Patent Application Number PCT/US05/20446 filed on June 9, 2005 , 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 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 10<sup>th</sup> day of June, 2005.


  
Zhaoning Zhu L.S.

#### ACKNOWLEDGEMENT

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

On this 10<sup>th</sup> day of June, 2005, personally appeared before me Zhaoning Zhu 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)

  
Notary Public  
ASHLY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2008

PATENT

REEL: 016373 FRAME: 0242

Executed this 3rd day of June, 2005.Brian McKittrick L.S.  
Brian McKittrick

## ACKNOWLEDGEMENT

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

On this 3rd day of June, 2005, personally appeared before me  
Brian McKittrick 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)

Ashly M. Armstrong  
Notary PublicASHLY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2008Executed this 10th day of June, 2005.Zhong-Yue Sun L.S.  
Zhong-Yue Sun

## ACKNOWLEDGEMENT

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

On this 10th day of June, 2005, personally appeared before me  
Zhong-Yue 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)

Ashly M. Armstrong  
Notary PublicASHLY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2008

Executed this 09 day of June, 20 05.Yuanzan C. Ye L.S.**ACKNOWLEDGEMENT**State of New Jersey )  
County of Union ) s.s.:

On this 9<sup>th</sup> day of June, 20 05, personally appeared before me  
Yuanzan C. Ye 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)

Ashly M. Armstrong  
Notary Public  
ASHLY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2008

Executed this 10<sup>th</sup> day of June, 20 05.Johannes H. Voigt L.S.**ACKNOWLEDGEMENT**State of New Jersey )  
County of Union ) s.s.:

On this 10<sup>th</sup> day of June, 20 05, personally appeared before me  
Johannes H. Voigt 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)

Ashly M. Armstrong  
Notary Public  
ASHLY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2008

Executed this 10<sup>th</sup> day of June, 2005.

[Signature] L.S.  
Corey Strickland

**ACKNOWLEDGEMENT**

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

On this 10<sup>th</sup> day of June, 2005, personally appeared before me  
Corey Strickland 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  
ASHLY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2008

Executed this 10 day of June, 2005.

[Signature] L.S.  
Elizabeth M. Smith

**ACKNOWLEDGEMENT**

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

On this 10<sup>th</sup> day of June, 2005, personally appeared before me  
Elizabeth M. Smith 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  
ASHLY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2008

Executed this 10<sup>th</sup> day of June, 2005.Andrew Stamford L.S.  
Andrew Stamford

## ACKNOWLEDGEMENT

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

On this 10<sup>th</sup> day of June, 2005, personally appeared before me Andrew Stamford 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)

Ashly M. Armstrong  
Notary Public  
ASHLY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2008Executed this 10<sup>th</sup> day of June, 2005.William J. Greenlee L.S.  
William J. Greenlee

## ACKNOWLEDGEMENT

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

On this 10<sup>th</sup> day of June, 2005, personally appeared before me William J. Greenlee 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)

Ashly M. Armstrong  
Notary Public  
ASHLY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2008



Executed this 10 day of June, 2005.Robert D. Mazzola L.S.  
Robert Mazzola

## ACKNOWLEDGEMENT

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

On this 10<sup>th</sup> day of June, 2005, personally appeared before me Robert Mazzola 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)

Ashly M. Armstrong  
Notary Public  
ASHLY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2006

Executed this 10<sup>th</sup> day of JUNE, 2005.John Caldwell L.S.  
John Caldwell

## ACKNOWLEDGEMENT

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

On this 10<sup>th</sup> day of June, 2005, personally appeared before me John Caldwell 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)

Ashly M. Armstrong  
Notary Public  
ASHLY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2006

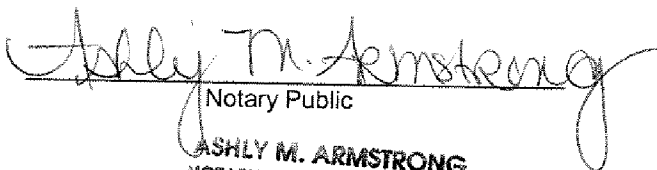

Executed this 10 day of June, 2005.  
\_\_\_\_\_  
Jared Cumming

L.S.

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

On this 10<sup>th</sup> day of June, 2005, personally appeared before me  
Jared Cumming 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)

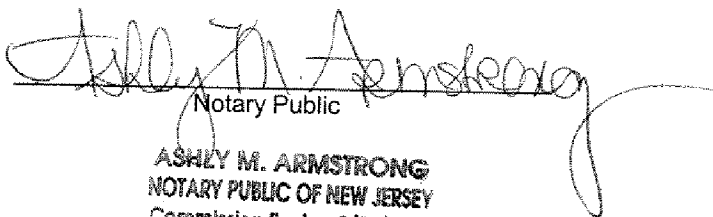
  
\_\_\_\_\_  
Notary PublicASHLEY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2008Executed this 10<sup>th</sup> day of June, 2005.  
\_\_\_\_\_  
Lingyan Wang


L.S.

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

On this 10<sup>th</sup> day of June, 2005, personally appeared before me  
Lingyan Wang 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.

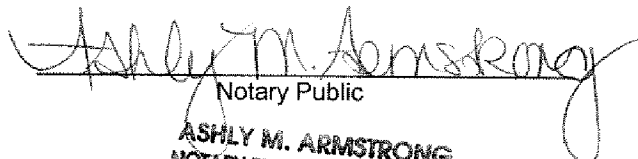
(Seal)

  
\_\_\_\_\_  
Notary PublicASHLEY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2008

Executed this 10<sup>th</sup> day of June, 2005.  
\_\_\_\_\_  
Yusheng Wu L.S.**ACKNOWLEDGEMENT**State of New Jersey )  
County of Union ) s.s.:

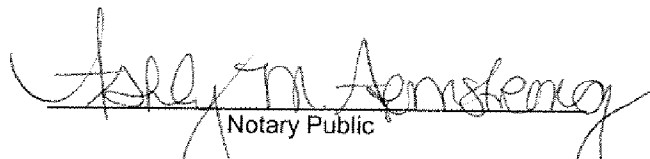
On this 10<sup>th</sup> day of June, 2005, personally appeared before me  
Yusheng Wu to me known, and known by me to be the same person described in and who  
executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her)  
own free will for the purpose set forth.

(Seal)

  
\_\_\_\_\_  
Notary Public  
ASHLY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2008Executed this 10<sup>th</sup> day of June, 2005.  
\_\_\_\_\_  
Ulrich Iserloh L.S.**ACKNOWLEDGEMENT**State of New Jersey )  
County of Union ) s.s.:

On this 10<sup>th</sup> day of June, 2005, personally appeared before me  
Ulrich Iserloh 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)

  
\_\_\_\_\_  
Notary Public  
ASHLY M. ARMSTRONG  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 3/26/2008