

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
WENXUE WU	02/15/2006
BOSCO D'SA	01/09/2006
FENG LIANG	01/09/2006
LOC THANH TRAN	12/05/2005
WILLIAM LEONG	01/09/2006
VILAS DAHANUKAR	12/31/2005
ILIA A. ZAVIALOV	01/09/2006
CECILIA PROIETTI ORR	01/09/2006
SHANNON ZHAO	12/17/2005
HONG-CHANG LEE	01/09/2006
YI LIU	03/23/2006
HOA N. NGUYEN	01/09/2006
XIONGWEI SHI	07/04/2006
MAN ZHU	01/09/2006

**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:	11326154

**CORRESPONDENCE DATA**

Fax Number: (908)298-5388

CH \$40.00 11326154

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

Phone: 908-298-7216  
Email: katherine.lally@spcorp.com  
Correspondent Name: katherine lally  
Address Line 1: 2000 GALLOPING HILL ROAD  
Address Line 2: K-6-1, 1990  
Address Line 4: kenilworth, NEW JERSEY 07033

ATTORNEY DOCKET NUMBER:	CD06220US01
NAME OF SUBMITTER:	KATHERINE LALLY

**Total Attachments: 63**

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(Joint)

PATENT CASE: CD06220US01

### ASSIGNMENT

For good and valuable consideration paid to us,

- |                             |                                     |
|-----------------------------|-------------------------------------|
| (1) <u>WENXUE WU</u>        | (8) <u>CECILIA PROIETTI NEE ORR</u> |
| (2) <u>BOSCO D'SA</u>       | (9) <u>SHANNON ZHAO</u>             |
| (3) <u>FENG LIANG</u>       | (10) <u>HONG CHANG LEE</u>          |
| (4) <u>LOC THANH TRAN</u>   | (11) <u>YI LIU</u>                  |
| (5) <u>WILLIAM LEONG</u>    | (12) <u>HOA N. NGUYEN</u>           |
| (6) <u>VILAS DAHANUKAR</u>  | (13) <u>XIONGWEI SHI</u>            |
| (7) <u>ILIA A. ZAVIALOV</u> | (14) <u>MAN ZHU</u>                 |

respectively residing at

- |                                   |                            |
|-----------------------------------|----------------------------|
| (1) <u>Princeton Junction, NJ</u> | (8) <u>Westfield, NJ</u>   |
| (2) <u>Edison, NJ</u>             | (9) <u>Littleton, MA</u>   |
| (3) <u>Monmouth Junction, NJ</u>  | (10) <u>Livingston, NJ</u> |
| (4) <u>Parsippany, NJ</u>         | (11) <u>Clark, NJ</u>      |
| (5) <u>Westfield, NJ</u>          | (12) <u>Dayton, NJ</u>     |
| (6) <u>Hyderabad, India</u>       | (13) <u>Edison, NJ</u>     |
| (7) <u>Princeton, NJ</u>          | (14) <u>Clark, NJ</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 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

#### **SYNTHESIS OF CCR5 RECEPTOR ANTAGONISTS**

and officially identified\* by the United States Patent and Trademark Office as Application Number 11/326,154 filed on January 5, 2006, and/or by the World Intellectual Property Organization as International Patent Application Number **PCT/US2006/000262** filed on January 5, 2006, 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 15<sup>th</sup> day of February, 2006.

Wenxue Wu L.S.

**WENXUE WU**

**ACKNOWLEDGEMENT**

State of New Jersey  
County of Mercer s.s.:

On this 15 day of February, 2006, personally appeared before me Wenxue 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)

Wendy Dzenski  
Notary Public

**WENDY M. DZBENSKI**  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 4/11/2006

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**BOSCO D'SA**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me **Bosco D'Sa** 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**FENG LIANG**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me **Feng Liang** 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**LOC THANH TRAN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me Loc Thanh Tran 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**WILLIAM LEONG**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me William Leong 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**VILAS DAHANUKAR**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Vilas Dahanukar 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**ILIA A. ZAVIALOV**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Ilia A. Zavialov 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



Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**CECILIA ORR**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Cecilia Orr** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**SHANNON ZHAO**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Shannon 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)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
L.S.

**HONG-CHANG LEE**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
 ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Hong-Chang Lee 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

Executed this 3rd day of March, 2006.

[Signature]  
L.S.

**YI LIU**

**ACKNOWLEDGEMENT**

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

On this 23<sup>rd</sup> day of March, 2006, personally appeared before me Yi Liu 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 3/26/2006

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**HOA N. NGUYEN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me **Hoa N. Nguyen** 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**XIONGWEI SHI**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me **Xiongwei Shi** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**MAN ZHU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Man 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

(Joint)

PATENT CASE: CD06220US01

### ASSIGNMENT

For good and valuable consideration paid to us,

- |                             |                                     |
|-----------------------------|-------------------------------------|
| (1) <u>WENXUE WU</u>        | (8) <u>CECILIA PROIETTI NEE ORR</u> |
| (2) <u>BOSCO D'SA</u>       | (9) <u>SHANNON ZHAO</u>             |
| (3) <u>FENG LIANG</u>       | (10) <u>HONG CHANG LEE</u>          |
| (4) <u>LOC THANH TRAN</u>   | (11) <u>YI LIU</u>                  |
| (5) <u>WILLIAM LEONG</u>    | (12) <u>HOA N. NGUYEN</u>           |
| (6) <u>VILAS DAHANUKAR</u>  | (13) <u>XIONGWEI SHI</u>            |
| (7) <u>ILIA A. ZAVIALOV</u> | (14) <u>MAN ZHU</u>                 |

respectively residing at

- |                                   |                            |
|-----------------------------------|----------------------------|
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| (3) <u>Monmouth Junction, NJ</u>  | (10) <u>Livingston, NJ</u> |
| (4) <u>Parsippany, NJ</u>         | (11) <u>Clark, NJ</u>      |
| (5) <u>Westfield, NJ</u>          | (12) <u>Dayton, NJ</u>     |
| (6) <u>Hyderabad, India</u>       | (13) <u>Edison, NJ</u>     |
| (7) <u>Princeton, NJ</u>          | (14) <u>Clark, NJ</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 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

#### **SYNTHESIS OF CCR5 RECEPTOR ANTAGONISTS**

and officially identified\* by the United States Patent and Trademark Office as Application Number 11/326,154 filed on January 5, 20 06, and/or by the World Intellectual Property Organization as International Patent Application Number **PCT/US2006/000262** filed on January 5, 2006, 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 \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**WENXUE WU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
 ) s.s.:  
 County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Wenxue 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**BOSCO D'SA**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Bosco D'Sa** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**FENG LIANG**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Feng Liang** 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

Executed this 20 day of December, 2005.

*Loc Thanh Tran* L.S.  
**LOC THANH TRAN**

**ACKNOWLEDGEMENT**

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

On this 20 day of December, 2005, personally appeared before me Loc Thanh Tran 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)

JANET MARGARET ZNYSKI  
NOTARY PUBLIC OF NEW JERSEY  
MY COMMISSION EXPIRES MAY 26, 2009

*Janet Margaret Znyski*  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.  
**WILLIAM LEONG**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me William Leong 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



Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**VILAS DAHANUKAR**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me Vilas Dahanukar 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**ILIA A. ZAVIALOV**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me Ilia A. Zavialov 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**CECILIA ORR**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Cecilia Orr** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**SHANNON ZHAO**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Shannon 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)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**HONG-CHANG LEE**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Hong-Chang Lee** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**YI LIU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Yi Liur** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**HOA N. NGUYEN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Hoa N. Nguyen** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**XIONGWEI SHI**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Xiongwei Shi** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**MAN ZHU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Man 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

(Joint)

PATENT CASE: CD06220US01

### ASSIGNMENT

For good and valuable consideration paid to us,

(1) <u>WENXUE WU</u>	(8) <u>CECILIA PROIETTI NEE ORR</u>
(2) <u>BOSCO D'SA</u>	(9) <u>SHANNON ZHAO</u>
(3) <u>FENG LIANG</u>	(10) <u>HONG CHANG LEE</u>
(4) <u>LOC THANH TRAN</u>	(11) <u>YI LIU</u>
(5) <u>WILLIAM LEONG</u>	(12) <u>HOA N. NGUYEN</u>
(6) <u>VILAS DAHANUKAR</u>	(13) <u>XIONGWEI SHI</u>
(7) <u>ILIA A. ZAVIALOV</u>	(14) <u>MAN ZHU</u>

respectively residing at

(1) <u>Princeton Junction, NJ</u>	(8) <u>Westfield, NJ</u>
(2) <u>Edison, NJ</u>	(9) <u>Littleton, MA</u>
(3) <u>Monmouth Junction, NJ</u>	(10) <u>Livingston, NJ</u>
(4) <u>Parsippany, NJ</u>	(11) <u>Clark, NJ</u>
(5) <u>Westfield, NJ</u>	(12) <u>Dayton, NJ</u>
(6) <u>Hyderabad, India</u>	(13) <u>Edison, NJ</u>
(7) <u>Princeton, NJ</u>	(14) <u>Clark, NJ</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 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

#### **SYNTHESIS OF CCR5 RECEPTOR ANTAGONISTS**

and officially identified\* by the United States Patent and Trademark Office as Application Number 11/326,154 filed on January 5, 2006, and/or by the World Intellectual Property Organization as International Patent Application Number PCT/US2006/000262 filed on January 5, 2006, 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 \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
 \_\_\_\_\_ L.S.  
**WENXUE WU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
 ) s.s.:  
 County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Wenxue 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





Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
L.S.

**LOC THANH TRAN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
  ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me  
**Loc Thanh Tran** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
L.S.

**WILLIAM LEONG**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
  ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me  
**William Leong** 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

Executed this 31<sup>st</sup> day of December, 2005.

V. Dahanukar L.S.

**VILAS DAHANUKAR**

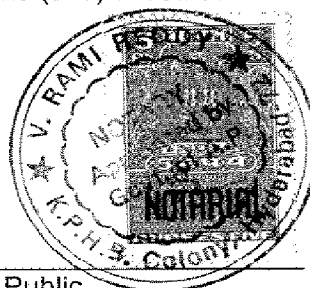
**ACKNOWLEDGEMENT**

State of Andhra Pradesh)  
) s.s.:  
County of Ranga Reddy Dist.

On this 31<sup>st</sup> day of December, 2005, personally appeared before me Vilas Dahanukar 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)

**ATTESTED**  
V. Rami Reddy  
**V. RAMI REDDY**  
ADVOCATE & NOTARY  
HIG 376, VI, PHASE,  
HOUSING BOARD COLONY,  
KUKATPALLY,  
HYDERABAD-500 072.



Notary Public

31 DEC 2005

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**ILIA A. ZAVIALOV**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me Ilia A. Zavialov 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**CECILIA ORR**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Cecilia Orr 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**SHANNON ZHAO**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Shannon 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)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**HONG-CHANG LEE**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Hong-Chang Lee** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**YI LIU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Yi Liur** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**HOA N. NGUYEN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
  ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Hoa N. Nguyen** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**XIONGWEI SHI**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
  ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Xiongwei Shi** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**MAN ZHU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
  ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Man 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

(Joint)

PATENT CASE: CD06220US01

## ASSIGNMENT

For good and valuable consideration paid to us,

(1) <u>WENXUE WU</u>	(8) <u>CECILIA PROIETTI NEE ORR</u>
(2) <u>BOSCO D'SA</u>	(9) <u>SHANNON ZHAO</u>
(3) <u>FENG LIANG</u>	(10) <u>HONG CHANG LEE</u>
(4) <u>LOC THANH TRAN</u>	(11) <u>YI LIU</u>
(5) <u>WILLIAM LEONG</u>	(12) <u>HOA N. NGUYEN</u>
(6) <u>VILAS DAHANUKAR</u>	(13) <u>XIONGWEI SHI</u>
(7) <u>ILIA A. ZAVIALOV</u>	(14) <u>MAN ZHU</u>

respectively residing at

(1) <u>Princeton Junction, NJ</u>	(8) <u>Westfield, NJ</u>
(2) <u>Edison, NJ</u>	(9) <u>Littleton, MA</u>
(3) <u>Monmouth Junction, NJ</u>	(10) <u>Livingston, NJ</u>
(4) <u>Parsippany, NJ</u>	(11) <u>Clark, NJ</u>
(5) <u>Westfield, NJ</u>	(12) <u>Dayton, NJ</u>
(6) <u>Hyderabad, India</u>	(13) <u>Edison, NJ</u>
(7) <u>Princeton, NJ</u>	(14) <u>Clark, NJ</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 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

### **SYNTHESIS OF CCR5 RECEPTOR ANTAGONISTS**

and officially identified\* by the United States Patent and Trademark Office as Application Number 11/326,154 filed on January 5, 2006, and/or by the World Intellectual Property Organization as International Patent Application Number **PCT/US2006/000262** filed on January 5, 2006, 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 \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**WENXUE WU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Wenxue 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



Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**BOSCO D'SA**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Bosco D'Sa 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**FENG LIANG**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Feng Liang 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**LOC THANH TRAN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Loc Thanh Tran** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**WILLIAM LEONG**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **William Leong** 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**VILAS DAHANUKAR**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Vilas Dahanukar** 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**ILIA A. ZAVIALOV**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Ilia A. Zavialov** 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

Executed this 12 day of Oct, 2009.

*Cecilia Proietti* L.S.

**CECILIA PROIETTI**

**ACKNOWLEDGEMENT**

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

On this 12 day of October, 2009, personally appeared before me **Cecilia PROIETTI** 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)

*Pia Rocel S. Paras-Sanjurjo*  
Notary Public

**PIA ROCEL S. PARAS-SANJURJO**  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires December 29, 2011

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**SHANNON ZHAO**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me **Shannon 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)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**HONG-CHANG LEE**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Hong-Chang Lee** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**YI LIU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Yi Liu** 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**HOA N. NGUYEN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me **Hoa N. Nguyen** 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**XIONGWEI SHI**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me **Xiongwei Shi** 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**MAN ZHU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Man 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

(Joint)

PATENT CASE: CD06220US01

### ASSIGNMENT

For good and valuable consideration paid to us,

- |                             |                                     |
|-----------------------------|-------------------------------------|
| (1) <u>WENXUE WU</u>        | (8) <u>CECILIA PROIETTI NEE ORR</u> |
| (2) <u>BOSCO D'SA</u>       | (9) <u>SHANNON ZHAO</u>             |
| (3) <u>FENG LIANG</u>       | (10) <u>HONG CHANG LEE</u>          |
| (4) <u>LOC THANH TRAN</u>   | (11) <u>YI LIU</u>                  |
| (5) <u>WILLIAM LEONG</u>    | (12) <u>HOA N. NGUYEN</u>           |
| (6) <u>VILAS DAHANUKAR</u>  | (13) <u>XIONGWEI SHI</u>            |
| (7) <u>ILIA A. ZAVIALOV</u> | (14) <u>MAN ZHU</u>                 |

respectively residing at

- |                                   |                            |
|-----------------------------------|----------------------------|
| (1) <u>Princeton Junction, NJ</u> | (8) <u>Westfield, NJ</u>   |
| (2) <u>Edison, NJ</u>             | (9) <u>Littleton, MA</u>   |
| (3) <u>Monmouth Junction, NJ</u>  | (10) <u>Livingston, NJ</u> |
| (4) <u>Parsippany, NJ</u>         | (11) <u>Clark, NJ</u>      |
| (5) <u>Westfield, NJ</u>          | (12) <u>Dayton, NJ</u>     |
| (6) <u>Hyderabad, India</u>       | (13) <u>Edison, NJ</u>     |
| (7) <u>Princeton, NJ</u>          | (14) <u>Clark, NJ</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 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

#### **SYNTHESIS OF CCR5 RECEPTOR ANTAGONISTS**

and officially identified\* by the United States Patent and Trademark Office as Application Number 11/326,154 filed on January 5, 20\_06, and/or by the World Intellectual Property Organization as International Patent Application Number **PCT/US2006/000262** filed on January 5, 2006, 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 \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**WENXUE WU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me Wenxue 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**BOSCO D'SA**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Bosco D'Sa** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**FENG LIANG**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Feng Liang** 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**LOC THANH TRAN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
  ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me Loc Thanh Tran 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**WILLIAM LEONG**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
  ) s.s.:  
County of \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me William Leong 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**VILAS DAHANUKAR**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me Vilas Dahanukar 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**ILIA A. ZAVIALOV**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me Ilia A. Zavialov 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**CECILIA ORR**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Cecilia Orr 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

Executed this 17 day of Dec., 2005.

Shannon Zhao L.S.

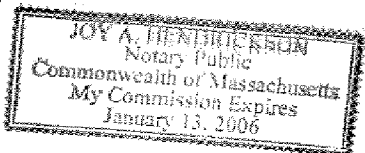
**SHANNON ZHAO**

**ACKNOWLEDGEMENT**

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

On this 17 day of dec, 2005, personally appeared before me Shannon 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)



Joy A Hendrickson  
Notary Public

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
L.S.

**HONG-CHANG LEE**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**Hong-Chang Lee** 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
L.S.

**YI LIU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me  
**Yi Liur** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**HOA N. NGUYEN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Hoa N. Nguyen** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**XIONGWEI SHI**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Xiongwei Shi** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.  
**MAN ZHU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me **Man 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



(Joint)

PATENT CASE: CD06220US01

### ASSIGNMENT

For good and valuable consideration paid to us,

(1) <u>WENXUE WU</u>	(8) <u>CECILIA PROIETTI NEE ORR</u>
(2) <u>BOSCO D'SA</u>	(9) <u>SHANNON ZHAO</u>
(3) <u>FENG LIANG</u>	(10) <u>HONG CHANG LEE</u>
(4) <u>LOC THANH TRAN</u>	(11) <u>YI LIU</u>
(5) <u>WILLIAM LEONG</u>	(12) <u>HOA N. NGUYEN</u>
(6) <u>VILAS DAHANUKAR</u>	(13) <u>XIONGWEI SHI</u>
(7) <u>ILIA A. ZAVIALOV</u>	(14) <u>MAN ZHU</u>

respectively residing at

(1) <u>Princeton Junction, NJ</u>	(8) <u>Westfield, NJ</u>
(2) <u>Edison, NJ</u>	(9) <u>Littleton, MA</u>
(3) <u>Monmouth Junction, NJ</u>	(10) <u>Livingston, NJ</u>
(4) <u>Parsippany, NJ</u>	(11) <u>Clark, NJ</u>
(5) <u>Westfield, NJ</u>	(12) <u>Dayton, NJ</u>
(6) <u>Hyderabad, India</u>	(13) <u>Edison, NJ</u>
(7) <u>Princeton, NJ</u>	(14) <u>Clark, NJ</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 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

#### **SYNTHESIS OF CCR5 RECEPTOR ANTAGONISTS**

and officially identified\* by the United States Patent and Trademark Office as Application Number 11/326,154 filed on January 5, 20 06, and/or by the World Intellectual Property Organization as International Patent Application Number PCT/US2006/000262 filed on January 5, 2006, 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 \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**WENXUE WU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
 ) s.s.:  
 County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Wenxue 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**BOSCO D'SA**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Bosco D'Sa** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**FENG LIANG**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me **Feng Liang** 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**LOC THANH TRAN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me Loc Thanh Tran 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**WILLIAM LEONG**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me William Leong 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**VILAS DAHANUKAR**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me Vilas Dahanukar 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**ILIA A. ZAVIALOV**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me Ilia A. Zavialov 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**CECILIA ORR**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me **Cecilia Orr** 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**SHANNON ZHAO**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me **Shannon 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)

\_\_\_\_\_  
Notary Public

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**HONG-CHANG LEE**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me **Hong-Chang Lee** 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

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_ L.S.

**YI LIU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me **Yi Liu** 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

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**HOA N. NGUYEN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared before me **Hoa N. Nguyen** 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

Executed this 4 day of July, 2006.

*Phi Shue* L.S.

**XIONGWEI SHI**

**WITNESS**

On this 4 day of July 2006. Xiongwei Shi, known to me to be the same person described in this instrument, in my presence executed the foregoing and acknowledged that he (she) executed the same of his (her) own free will for the purposes set forth.

*Hao Wu*  
Signature (Witness 1)

Hao Wu  
Print Name and postal address

*Hongbo Hu*  
Signature (Witness 2)

Hongbo Hu  
Print Name and postal address



Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**MAN ZHU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Man 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

(Joint)

PATENT CASE: CD06220US01

### ASSIGNMENT

For good and valuable consideration paid to us,

- |                             |                                      |
|-----------------------------|--------------------------------------|
| (1) <u>WENXUE WU</u>        | (8) <u>CECILIA PROIETTI NEE ORR,</u> |
| (2) <u>BOSCO D'SA</u>       | (9) <u>SHANNON ZHAO</u>              |
| (3) <u>FENG LIANG</u>       | (10) <u>HONG CHANG LEE</u>           |
| (4) <u>LOC THANH TRAN</u>   | (11) <u>YI LIU</u>                   |
| (5) <u>WILLIAM LEONG</u>    | (12) <u>HOA N. NGUYEN</u>            |
| (6) <u>VILAS DAHANUKAR</u>  | (13) <u>XIONGWEI SHI</u>             |
| (7) <u>ILIA A. ZAVIALOV</u> | (14) <u>MAN ZHU</u>                  |

respectively residing at

- |                                   |                            |
|-----------------------------------|----------------------------|
| (1) <u>Princeton Junction, NJ</u> | (8) <u>Westfield, NJ</u>   |
| (2) <u>Edison, NJ</u>             | (9) <u>Littleton, MA</u>   |
| (3) <u>Monmouth Junction, NJ</u>  | (10) <u>Livingston, NJ</u> |
| (4) <u>Parsippany, NJ</u>         | (11) <u>Clark, NJ</u>      |
| (5) <u>Westfield, NJ</u>          | (12) <u>Dayton, NJ</u>     |
| (6) <u>Hyderabad, India</u>       | (13) <u>Edison, NJ</u>     |
| (7) <u>Princeton, NJ</u>          | (14) <u>Clark, NJ</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 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

#### **SYNTHESIS OF CCR5 RECEPTOR ANTAGONISTS**

and officially identified\* by the United States Patent and Trademark Office as Application Number 11/326,154 filed on January 5, 20 06, and/or by the World Intellectual Property Organization as International Patent Application Number PCT/US2006/000262 filed on January 5, 2006, 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.

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 \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**WENXUE WU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Wenxue 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

Executed this 09 day of Jan, 2006.

B.D.S. L.S.  
**BOSCO D'SA**

**ACKNOWLEDGEMENT**

State of NJ )  
County of Union ) s.s.:

On this 9th day of January, 2006, personally appeared before me Bosco D'Sa 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)

Cynthia Gamble  
Notary Public

Cynthia Gamble  
Notary Public, State of New Jersey  
No. 2189978  
My Commission Expires June 26, 2006

Executed this 09 day of Jan., 2006.

Feng Liang L.S.  
**FENG LIANG**

**ACKNOWLEDGEMENT**

State of NJ )  
County of Union ) s.s.:

On this 9th day of January, 2006, personally appeared before me Feng Liang 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)

Cynthia Gamble  
Notary Public

Cynthia Gamble  
Notary Public, State of New Jersey  
No. 2189978  
My Commission Expires June 26, 2006

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
L.S.  
**LOC THANH TRAN**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Loc Thanh Tran 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

Executed this 09 day of Jan, 2006.

William Leong  
\_\_\_\_\_  
L.S.  
**WILLIAM LEONG**

**ACKNOWLEDGEMENT**

State of NJ )  
County of Union ) s.s.:

On this 9th day of January, 2006, personally appeared before me William Leong 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)

Cynthia H Gamble  
\_\_\_\_\_  
Notary Public

Cynthia Gamble  
Notary Public, State of New Jersey  
No. 2189978  
My Commission Expires June 26, 2006

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
L.S.  
**VILAS DAHANUKAR**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Vilas Dahanukar 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

Executed this 9 day of January, 2006.

Ilia A. Zavialov L.S.  
**ILIA A. ZAVIALOV**

**ACKNOWLEDGEMENT**

State of NJ )  
County of Union ) s.s.:

On this 9<sup>th</sup> day of January, 2006, personally appeared before me Ilia A. Zavialov 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)

Cynthia Gambie  
Notary Public

Cynthia Gambie  
Notary Public, State of New Jersey  
No. 2189978  
My Commission Expires June 26, 2006

Executed this 9 day of January, 2006.  
Cecilia Orr L.S.

**CECILIA ORR**

**ACKNOWLEDGEMENT**

State of NJ )  
County of Union ) s.s.:

On this 9th day of January, 2006, personally appeared before me Cecilia Orr 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)

Cynthia Gambie  
Notary Public

Cynthia Gambie  
Notary Public, State of New Jersey  
No. 2189978  
My Commission Expires June 26, 2006

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ L.S.

**SHANNON ZHAO**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Shannon 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)

\_\_\_\_\_  
Notary Public

Executed this 9 day of Jan, 2006.

Hong-Chang Lee L.S.  
**HONG-CHANG LEE**

**ACKNOWLEDGEMENT**

State of NJ )  
County of Union ) s.s.:

On this 9<sup>th</sup> day of January, 2006, personally appeared before me Hong-Chang Lee 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)

Cynthia Gamble  
Notary Public

Cynthia Gamble  
Notary Public, State of New Jersey  
No. 2189978  
My Commission Expires June 26, 2006

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
L.S.  
**YI LIU**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Yi Liu 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



Executed this 9 day of January, 20 06.

Hoa N. Nguyen L.S.  
**HOA N. NGUYEN**

**ACKNOWLEDGEMENT**

State of NJ )  
County of Union ) s.s.:

On this 9th day of January, 20 06 personally appeared before me Hoa N. Nguyen 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)

Cynthia Gambie  
Notary Public

Cynthia Gambie  
Notary Public, State of New Jersey  
No. 2189978  
My Commission Expires June 26, 2006

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
L.S.  
**XIONGWEI SHI**

**ACKNOWLEDGEMENT**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) s.s.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared before me Xiongwei Shi 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

Executed this 9 day of January, 2006.

[Signature] L.S.

**MAN ZHU**

**ACKNOWLEDGEMENT**

State of NJ )  
County of Union ) s.s.:

On this 9<sup>th</sup> day of January, 2006, personally appeared before me Man 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)

[Signature]  
Notary Public

Cynthia Gambie  
Notary Public, State of New Jersey  
No. 2189978  
My Commission Expires June 26, 2006