

FORM-PTO-1595 **TRANSMITTAL OF DOCUMENT FOR RECORDATION**
1-31-92 **PATENTS ONLY** **Atty. Docket EMU402 18085.105353**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Hyunsuk Shim,
 Dennis C. Liotta, James P. Snyder, Weiqiang Zhan, and
 Zhongxing Liang

Name: Emory University
 Foreign Address:

Additional name(s) of conveying party(ies) attached?
 Yes No

Domestic Address: 1380 South Oxford Road
 City: Atlanta, State: Georgia ZIP: 30322

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
 Execution Date: 6/6/06, 6/7/06, 6/7/06, 6/7/06,
6/6/06

Additional name(s) & address(es) attached?
 Yes No

4. Application number (s) or patent numbers(s):
 If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 60/642,374, 60/642,375, 11/329,301 B Patent Registration No. (s)
60/682,655

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence
 concerning document should be mailed:

Name: Sherry M. Knowles, Esq.
1180 Peachtree Street
Atlanta, Georgia 30309
 Telephone No.: 404-572-4600
 Facsimile No.: 404-572-5134

6. Number of applications and patents involved:
 4

7. Total fee (37 CFR 3.41): \$ 160

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number

11-0980
 (Attach duplicate copy of this page if paying by deposit account):

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy
 of the original document.*

Sally Sexton

Name of Person Signing

Sally Sexton
 Signature

July 7, 2006

Date

Total number of pages comprising cover sheet: 1

CH \$160.00 110980 60642374

EMU402 18085.10353

ASSIGNMENT

WHEREAS, we, **HYUNSUK SHIM, DENNIS C. LIOTTA, JAMES P. SNYDER, WEIQIANG ZHAN,** and **ZHONGXING LIANG** have invented certain inventions and improvements disclosed in an application for Letters Patent entitled "*CXCR4 Antagonists for the Treatment of Medical Disorders*," U.S. Provisional Patent Application Nos. 60/642,374 and 60/642,375 both filed January 7, 2005; U.S. Provisional Patent Application No. 60/682,655 filed May 18, 2005; and U.S. Non-Provisional Patent Application No. 11/329,301 filed January 9, 2006;

WHEREAS, **EMORY UNIVERSITY**, a Georgia University having an office at 1380 S. Oxford Road, Atlanta, Georgia 30322, desires to purchase same;

NOW, THEREFORE, in consideration of the sum of Five Dollars (\$5.00) and other good and valuable consideration paid by **EMORY UNIVERSITY**, the receipt and sufficiency of which we hereby acknowledge, we, **HYUNSUK SHIM, DENNIS C. LIOTTA, JAMES P. SNYDER, WEIQIANG ZHAN,** and **ZHONGXING LIANG**, have sold, assigned, transferred and conveyed and by these presents do hereby sell, assign, transfer and convey unto **EMORY UNIVERSITY**, have sold, assigned, transferred and conveyed and by these presents do hereby sell, assign, transfer and convey unto **EMORY UNIVERSITY**, in and for the United States and its territories and for foreign countries, the entire right, title and interest in and to said provisional application and said application for United States Letters Patent, in and to the invention therein set forth and in and to any patent which may issue on said application for United States Letters Patent or any application, reissue, renewal, division, continuation or continuation-in-part thereof; or any foreign counterpart thereof or any other application that claims priority to the above-application, and I hereby bind myself, my heirs, legal representatives, administrators and assigns properly to execute without further consideration, any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect the sale, assignment, transfer and conveyance hereby made or intended to be made.

EMU402 18085.10353

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 6th day of June, 2006.

Hyunsuk Shim
HYUNSUUK SHIM

STATE OF GEORGIA

Before me, a Notary Public in and for the State of Georgia, on this 6th day of June, 2006, personally appeared **Hyunsuk Shim**, who being duly sworn, signed and acknowledged the foregoing Assignment as her free act and deed.

Brenda G. Hascall
NOTARY PUBLIC

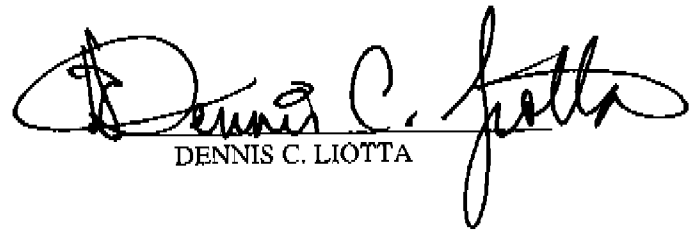
(SEAL)

My Commission Expires

**BRENDA G. HASCALL
NOTARY PUBLIC
Cobb County
State of Georgia
My Comm. Expires April 13, 2009**

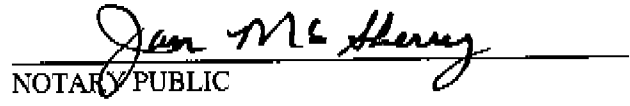
EMU402 18085.10353

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 7th day of June, 2006.

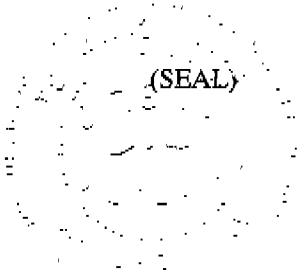

DENNIS C. LIOTTA

STATE OF GEORGIA

Before me, a Notary Public in and for the State of Georgia, on this 7th day of June, 2006, personally appeared **Dennis C. Liotta**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.


NOTARY PUBLIC

My Commission Expires: **My Commission Expires
October 27, 2009**



EMU402 18085.10353

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 7th day of

June, 2006.

James P. Snyder
JAMES P. SNYDER

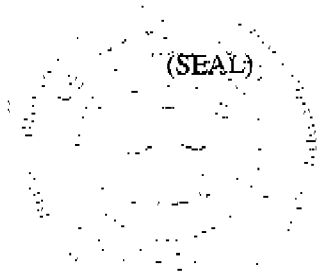
STATE OF GEORGIA

Before me, a Notary Public in and for the State of Georgia, on this 7th day of June 2006, personally appeared **James P. Snyder**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

Jan McHenry
NOTARY PUBLIC

My Commission Expires:

My Commission Expires
October 27, 2009



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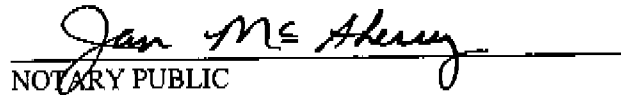
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 7th day of

June, 2006.


WEIQIANG ZHAN

STATE OF GEORGIA

Before me, a Notary Public in and for the State of Georgia, on this 7th day of June, 2006, personally appeared **Weiqiang Zhan**, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.


NOTARY PUBLIC

My Commission Expires:

My Commission Expires
October 27, 2009

(SEAL)

EMU402 18085.10353

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 16th day of

June, 2006.



ZHONGXING LIANG

STATE OF GEORGIA

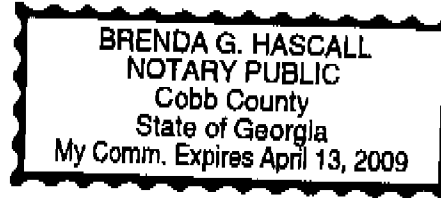
Before me, a Notary Public in and for the State of Georgia, on this 16th day of June, 2006, personally appeared **Zhongxing Liang**, who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.



NOTARY PUBLIC

(SEAL)

My Commission Expires:



KING & SPALDING

191 Peachtree Street
Atlanta, Georgia 30303-1763
Telephone: 404/572-4600
Facsimile: 404/572-5100
www.kslaw.com

FAX TRANSMITTAL SHEET

July 6, 2006

TO: Mail Stop Assignment Recordation Services

FROM: King & Spalding LLP

NUMBER OF PAGES (including transmittal sheet):

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TELECOPY CALL REPORT

Name of Firm:

Attention: Virginia Irby (PCT)

Telecopier Number: 1-571-273-0140

Main Phone Number: 1-571-273-0140

City: Washington

Client/Matter Number: 18085.105350

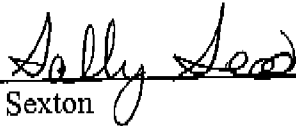
Attorney Name: King & Spalding

Attorney Number: 9206

Date: July 6, 2006

Number of Pages (including transmittal Sheet):

I hereby certify that this correspondence is being facsimile transmitted to the Technology Center
1616, Facsimile No. 703-872-9305, on July 7, 2006



Sally Sexton

Date: July 7, 2006
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