

U.S. DEPARTMENT OF COMMERCE
U.S. PATENT AND TRADEMARK OFFICE

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

**TO THE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE:
PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.**

1. Conveying party(ies):		2. Nature of conveyance:
Name(s)	Execution Date(s)	<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement
William K. Hagmann	March 24, 2005	<input type="checkbox"/> Merger <input type="checkbox"/> Change of Name
Ping Liu	March 24, 2005	<input type="checkbox"/> Other:
Linus S. Lin	March 24, 2005	
Richard A. Mumford	March 24, 2005	
Thomas S. Reger	March 17, 2005	
Nicholas D. Smith	March 17, 2005	
Nicholas Stook	March 17, 2005	
Jasmine Zunic	March 17, 2005	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		3. Name and address of receiving party(ies):

Name: MERCK & Co., INC.

Internal Address: RY60-30

Street Address: P.O. Box 2000

City & State: RAHWAY, NEW JERSEY

Zip/Postal Code: 07065-0907

Additional name(s) & addresses attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s) are as follows:

(a) Patent Application No(s). 10/591,820, filed on September 7, 2006

and titled: VLA-4 ANTAGONISTS

(b) If this document is being filed together with a new application, the execution date of the application is: _____

Additional numbers attached? ☐ Yes ☒ No

5. Name & address of party to whom correspondence concerning documents should be mailed:	6. Total no. of applications & patents involved: <u>1</u>
Name: <u>Mollie M. Yang</u>	7. Total fee (37 CFR 3.41).....\$ <u>40.00</u>
Internal Address: <u>PATENT DEPARTMENT</u>	<input type="checkbox"/> Enclosed
<u>MERCK & CO., INC.</u>	<input checked="" type="checkbox"/> The Director is hereby authorized to charge the deposit account number entered below for any fees which may be required or to credit any overpayment.
<u>P.O. BOX 2000 -- RY60-30</u>	
City & State: <u>RAHWAY N.J.</u> Zip: <u>07065-0907</u>	8. Deposit account number: <u>13-2755</u>

DO NOT USE THIS SPACE

9. Statement and signature:

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

Mollie M. Yang Reg. No. 32,718 Mollie M. Yang March 7, 2007

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 6

NOTE: Send to Mail Stop Assignment Recordation Services or Fax to Patent and Trademark Office at (571) 273-0140

CERTIFICATE OF MAILING OR FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on:

Name (Print/Type) Patricia A. Voutsinas

Signature

Patricia A. Voutsinas

Date

03/07/2007

PATENT

Attorney Docket Number 21643YF

U.S. Serial No. 10/591,820

Filing Date September 7, 2006

ASSIGNMENT AND AGREEMENT

For value received, we, William K. Hagmann, Linus S. Lin, Ping Liu, , Richard A. Mumford

of 871 Shackamaxon Drive, Westfield, NJ 07090-3462; 612 Girard Avenue, Westfield, NJ 07090;
49 Nomahegan Drive, Westfield, NJ 07090; and 62 South Street, Red Bank, NJ 07701; respectively

herby sell, assign and transfer to MERCK & CO., Inc., a corporation of the State of New Jersey, having an office at Lincoln Avenue,
City of Rahway, State of New Jersey, and its successors, assigns and legal representatives, our entire right, title and interest, for all
countries, in and to certain inventions relating to

VLA-4 ANTAGONISTS

described in an application for Patents having Attorney Docket Number 21643Y and in application(s) Serial No. 60/552,057
filed on 03/10/2004 ; Serial No. 60/615,477 filed on 10/01/2004 ; Serial No. filed on (if applicable),

and all our rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial
Property, under any and all Patents which may be granted therefor, and under any and all extensions, divisionals, reissues and
continuations of said application for Patents, including any foreign applications derived therefrom, equivalent thereto or claiming
priority thereof

We request that any and all Patents for said inventions be issued to said assignee, its successor, assigns and legal
representatives, or to such nominee as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful
oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any
and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed
are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

We hereby authorize our attorney, Mollie M. Yang or an attorney with Power of Attorney in this application,
of the said MERCK & CO., Inc., to insert Serial No., (s) and Filing Date(s) of said application(s) when known.

Signed at Rahway this 24th day of March, 2005

William K. Hagmann
William K. Hagmann

Ping Liu
Ping Liu

Linus S. Lin
Linus S. Lin

Richard A. Mumford
Richard A. Mumford

PATENT

Attorney Docket Number 21643YPU.S. Serial No. 10/591,820Filing Date September 7, 2006**ASSIGNMENT AND AGREEMENT**

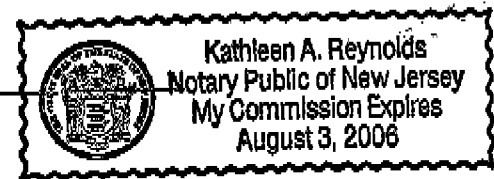
State of New Jersey }
 County of Union } SS.

Personally appeared before me the above-named William K. Hagmann, Ping Liu, Linus S. Lin, Richard A. Mumford

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be
 their free act and deed this 24th day of March, 2005.

Kathleen A. Reynolds
 Notary Public

Signed at _____ this _____ day of _____



_____ }
 County of _____ } SS.

Personally appeared before me the above-named

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be
 their free act and deed this _____ day of _____.

 Notary Public

PATENT

ASSIGNMENT AND AGREEMENT

For value received, we, Thomas S. Reger, Nicholas D. Smith, Nicholas Stock, Jasmine Zunic

of 11234 Carmel Creek Road, San Diego, CA 92130; 1204 Beryl Street, San Diego, CA 92109;
7087 Camino DeGrazia #150, San Diego, CA 92111; and 13066 Signature Pt., Apt. 64, San Diego, CA 92130; respectively

hereby sell, assign and transfer to MERCK & CO., Inc., a corporation of the State of New Jersey, having an office at Lincoln Avenue,
City of Rahway, State of New Jersey, and its successors, assigns and legal representatives, our entire right, title and interest, for all
countries, in and to certain inventions relating to

VLA-4 ANTAGONISTS

described in an application for Patents having Attorney Docket Number 21643Y and in application(s) Serial No. 60/552,057
filed on 03/10/2004 ; Serial No. 60/615,477 filed on 10/01/2004 ; Serial No. filed on (if applicable),

and all our rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial
Property, under any and all Patents which may be granted therefor, and under any and all extensions, divisionals, reissues and
continuations of said application for Patents, including any foreign applications derived therefrom, equivalent thereto or claiming
priority thereof.

We request that any and all Patents for said inventions be issued to said assignee, its successor, assigns and legal
representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful
oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any
and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed
are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

We hereby authorize our attorney, Mollie M. Yang or an attorney with Power of Attorney in this application,
of the said MERCK & CO., Inc., to insert Serial No., (s) and Filing Date(s) of said application(s) when known.

Signed at San Diego, California this 17th day of March, 2005.

Thomas S. Reger
Thomas S. Reger

Nicholas D. Smith
Nicholas D. Smith

Nicholas Stock
Nicholas Stock

Jasmine Zunic
Jasmine Zunic

PATENT

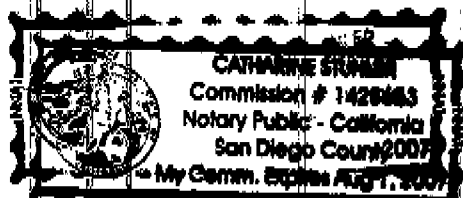
Page 1 of 2

ASSIGNMENT AND AGREEMENT

State of California }
 County of San Diego } SS.

Personally appeared before me the above-named Thomas S. Reger, Nicholas D. Smith, Nicholas Stock, Jasmine Zunic

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be
 their free act and deed this 17th day of March, 2005.



Catharine Stuhler
 Notary Public

Signed at _____ this _____ day of _____.



 County of _____ } SS.

Personally appeared before me the above-named

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be
 their free act and deed this _____ day of _____.

 Notary Public

PATENT

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