

**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):

Name(s)	Execution Date(s)
Khateeta Moneek Emerson	November 12, 2002
Guo Jie Ho	July 30, 2002
Joseph Edward Lynch	July 23, 2002
Yao Jun Shi	July 23, 2002

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

2. Nature of conveyance:

Assignment Security Agreement
 Merger Change of Name
 Other: _____

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). 10/111,154, filed on August 5, 2002
and titled:
PROCESS FOR PREPARING PEPTIDE INTERMEDIATES

(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:

Name: David A. Muthard
Internal Address: PATENT DEPARTMENT
MERCK & CO., INC.
P.O. BOX 2000 -- RY60-30
City & State: RAHWAY, N.J. Zip: 07065-0907

6. Total no. of applications & patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

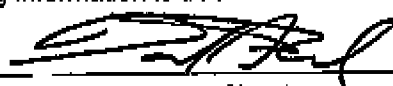
Enclosed
 The Director is hereby authorized to charge the deposit account number entered below for any fees which may be required or to credit any overpayment.

8. Deposit account number: 13-2755

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.


David A. Muthard Reg. No. 35,297  March 9, 2007
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 8

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) David A. Muthard
Signature  Date 03/09/2007

CH \$40.00 132755 10111154

Attorney Docket Number T1452

U.S. Serial No. 10/111,154

Filing Date _____

ASSIGNMENT AND AGREEMENT

For value received, we, Khatceta Moneek Emerson
of 208-72 West Shearwater Court, Jersey City, New Jersey 07305

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, the entire right, title and interest, for all countries, in and to certain inventions relating to

PROCESS FOR PREPARING PEPTIDE INTERMEDIATES

described in an application for Patents having Attorney Docket Number T1452 and in application(s) Serial No. GB00/04019 filed on 10/19/1999 ; Serial No. _____ filed on _____ ; Serial No. _____ filed on _____ (if applicable),

and all the 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 application 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, David A. Muthard or an attorney with Power of Attorney in this application, of the said MERCK & CO., Inc., to insert Serial No., and Filing Date of said application(s) when known.

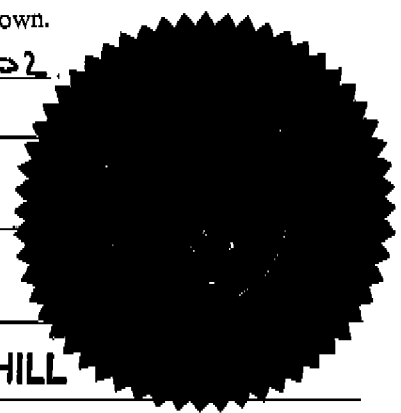
Signed at Merck Sharpe & Dohme this 12th day of November, 2002.
Hertfordshire, Hertfordshire U.K.

Khatceta Moneek Emerson

Khatceta Moneek Emerson

C.H.

CHRISTOPHER JOHN HILL
NOTARY PUBLIC



ASSIGNMENT AND AGREEMENT

County of United Kingdom
Hertfordshire } SS.

Personally appeared before me the above-named Khateeta Moncek Emerson

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 12th day of November, 2002.



CHRISTOPHER JOHN HILL *Notary Public*
NOTARY PUBLIC

Signed at Hatfield this 12th day of November, 2002.
Hertfordshire
UK



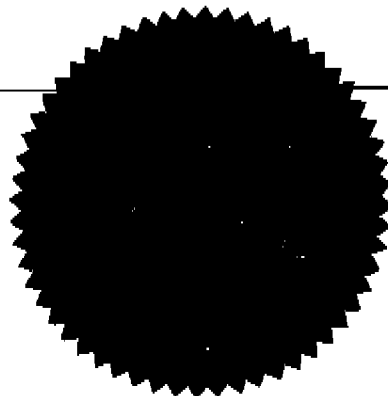
CHRISTOPHER JOHN HILL
NOTARY PUBLIC

My commission expires at death.

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

Attorney Docket Number T1452

U.S. Serial No. 10/111,154

Filing Date _____

ASSIGNMENT AND AGREEMENT

For value received, we, Guo-Jie Ho

of 4 Hamilton Street, Quincy, Massachusetts 02170

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, the entire right, title and interest, for all countries, in and to certain inventions relating to

PROCESS FOR PREPARING PEPTIDE INTERMEDIATES

described in an application for Patents having Attorney Docket Number T1452 and in application(s) Serial No. GB00/04019 filed on 10/19/1999 ; Serial No. _____ filed on _____ ; Serial No. _____ filed on _____ (if applicable),

and all the 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 application 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, David A. Muthard or an attorney with Power of Attorney in this application, of the said MERCK & CO., Inc., to insert **Serial No.**, and **Filing Date** of said application(s) when known.

Signed at Cambridge, MA this 30th day of July, 2002.

[Signature]
Guo-Jie Ho

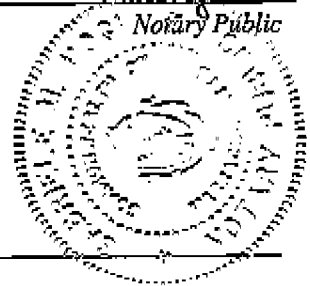
ASSIGNMENT AND AGREEMENT

Cambridge, MA
County of Middlesex } SS.

Personally appeared before me the above-named Guo-Jie Ho

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 30th day of July, 2002.

Gabriel M. Vogt
Notary Public



Signed at Cambridge this 30th day of July, 2002.

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

Attorney Docket Number T1452

U.S. Serial No. 10/111,154

Filing Date _____

ASSIGNMENT AND AGREEMENT

For value received, we, Joseph Edward Lynch and Yao-Jun Shi

of 1120 Loraine Avenue, Plainfield, New Jersey 07062 and 69 Dellwood Road, Edison, New Jersey 08820 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, the entire right, title and interest, for all countries, in and to certain inventions relating to

PROCESS FOR PREPARING PEPTIDE INTERMEDIATES

described in an application for Patents having Attorney Docket Number T1452 and in application(s) Serial No. GB00/04019 filed on 10/19/1999 ; Serial No. _____ filed on _____ ; Serial No. _____ filed on _____ (if applicable),

and all the 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 application derived therefrom, equivalent thereto or claiming priority thereof.

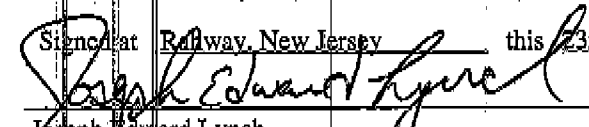
We request that any and all Patents for said inventions be issued to said assignee, its successor, assigns and legal representatives, or to such nominees as it may designate.

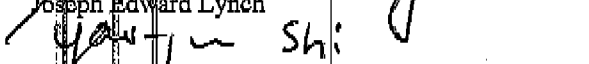
We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all countries and for vesting title 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, David A. Muthard or an attorney with Power of Attorney in this application, of the said MERCK & CO., Inc., to insert **Serial No.**, and **Filing Date** of said application(s) when known.

Signed at Rahway, New Jersey this 23rd day of July, 2002.



Joseph Edward Lynch


Yao-Jun Shi

ASSIGNMENT AND AGREEMENT

STATE OF NEW JERSEY

County of Union

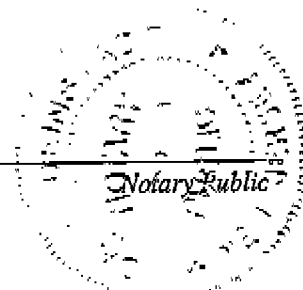
SS.

Personally appeared before me the above-named Joseph Edward Lynch Yao-Jun Shi

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 23rd day of July, 2002.

DANA DEINSTADT
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 12/29/2004

Dana Deinstadt
Dana Deinstadt



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