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OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings

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

1. Name of conveying party(ies):

Jinping L. McCormick

2. Name and address of receiving party(ies)

Name: Schering Corporation

Internal Address: 2000 Galloping Hill Road

Kenilworth, New Jersey 07033

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

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other

Street Address: Same as above.

City: State: Zip:

Execution Date: February 8, 2002

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

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s) 10/052,386

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Palaiyur Kalyanaraman

Internal Address: Schering-Plough Corporation

Patent Dept. K-6-1, 1990

Street Address: 2000 Galloping Hill Road

City: Kenilworth State: NJ Zip: 07033-0530

6. Total number of applications and patents involved:

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

- Enclosed Authorized to be charged to deposit account

8. Deposit account number:

19-0365

Schering-Plough Corporation

(Attach duplicate copy of this page if paying by deposit account)

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.

Palaiyur Kalyanaraman, Reg. No. 34,634

Name of Person Signing

Signature

May 30, 2003

Date

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

06/05/2003 TDIAZI

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ASSIGNMENT

For good and valuable consideration paid to us,

(1) <u>ANIL K. SAKSENA</u>	(2) <u>VIYYOOR MOOPIL GIRIJAVALLABHAN</u>
(3) <u>RAYMOND G. LOVEY</u>	(4) <u>EDWIN E. JAO</u>
(5) <u>FRANK BENNETT</u>	(6) <u>JINPING L. MC CORMICK</u>
(7) <u>HAIYAN WANG</u>	(8) <u>RUSSELL E. PIKE</u>
(9) <u>STEPHANE L. BOGEN</u>	(10) <u>TIN-YAU CHAN</u>
(11) <u>YI-TSUNG LIU</u>	(12) <u>ZHAONING ZHU</u>
(13) <u>F. GEORGE NJOROGÉ</u>	(14) <u>ASHOK ARASAPPAN</u>
(15) <u>TEJAL PAREKH</u>	(16) <u>ASHIT K. GANGULY</u>
(17) <u>KEVIN X. CHEN</u>	(18) <u>SRIKANTH VENKATRAMAN</u>
(19) <u>HENRY A. VACCARO</u>	(20) <u>PATRICK A. PINTO</u>
(21) <u>BAMA SANTHANAM</u>	(22) <u>SCOTT JEFFREY KEMP</u>
(23) <u>ODILE ESTHER LEVY</u>	(24) <u>MARGUERITA LIM-WILBY</u>
(25) <u>SUSAN Y. TAMURA</u>	(26) <u>WANLI WU</u>
(27) <u>SISKA HENDRATA</u>	(28) <u>YUHUA HUANG</u>
(29) <u>JESSE K. WONG</u>	(30) <u>LATHA NAIR</u>

respectively residing at

(1) <u>Upper Montclair, New Jersey</u>	(2) <u>Parsippany, New Jersey</u>
(3) <u>West Caldwell, New Jersey</u>	(4) <u>Warren, New Jersey</u>
(5) <u>Piscataway, New Jersey</u>	(6) <u>Edison, New Jersey</u>
(7) <u>Dayton, New Jersey</u>	(8) <u>Stanhope, New Jersey</u>
(9) <u>Somerset, New Jersey</u>	(10) <u>Edison, New Jersey</u>
(11) <u>Morris Township, New Jersey</u>	(12) <u>East Windsor, New Jersey</u>
(13) <u>Union, New Jersey</u>	(14) <u>Bridgewater, New Jersey</u>
(15) <u>Woodbridge, New Jersey</u>	(16) <u>Upper Montclair, New Jersey</u>
(17) <u>Piscataway, New Jersey</u>	(18) <u>Fords, New Jersey</u>
(19) <u>South Plainfield, New Jersey</u>	(20) <u>Morris Plains, New Jersey</u>
(21) <u>Bridgewater, New Jersey</u>	(22) <u>San Diego, California</u>
(23) <u>San Diego, California</u>	(24) <u>La Jolla, California</u>
(25) <u>Santa Fe, New Mexico</u>	(26) <u>Edison, New Jersey</u>
(27) <u>Edison, New Jersey</u>	(28) <u>Scotch Plains, New Jersey</u>
(29) <u>Monroe Township, New Jersey</u>	(30) <u>Scotch Plains, New Jersey</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** each of our entire right, 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 NOVEL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS OF HEPATITIS C VIRUS

and officially identified* by the United States Patent and Trademark Office as Application Number

10/052,386 filed on **January 18, 2002**, and/or by the World Intellectual Property Organization as International Patent Application Number **PCT/US03/01430** filed on **JANUARY 16, 2003**, 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 issue on

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 a 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____.

ANIL K. SAKSENA L.S.

Executed this ____ day of _____, 20____.

VIYYOOR MOOPIL GIRIJAVALLABHAN L.S.

Executed this ____ day of _____, 20____.

RAYMOND G. LOVEY L.S.

Executed this ____ day of _____, 20____.

EDWIN E. JAO L.S.

Executed this ____ day of _____, 20____.

FRANK BENNETT L.S.

Executed this 8th day of February, 2002.

Jing L. Mc Cormick

JINPING L. MC CORMICK

L.S.

Executed this _____ day of _____, 20_____.

L.S.

HAIYAN WANG

Executed this _____ day of _____, 20_____.

L.S.

RUSSELL E. PIKE

Executed this _____ day of _____, 20_____.

L.S.

STEPHANE L. BOGEN

Executed this _____ day of _____, 20_____.

L.S.

TIN-YAU CHAN

Executed this _____ day of _____, 20_____.

L.S.

YI-TSUNG LIU

Executed this _____ day of _____, 20_____.

L.S.

ZHAONING ZHU

Executed this _____ day of _____, 20_____.

L.S.

F. GEORGE NJOROGE

Executed this _____ day of _____, 20_____.

L.S.

ASHOK ARASAPPAN

Executed this _____ day of _____, 20_____.

L.S.

TEJAL PAREKH

Executed this _____ day of _____, 20_____.

L.S.

ASHIT K. GANGULY

Executed this _____ day of _____, 20_____.

L.S.

KEVIN X. CHEN

Executed this _____ day of _____, 20_____.

L.S.

SRIKANTH VENKATRAMAN

Executed this _____ day of _____, 20_____.

L.S.

HENRY A. VACCARO

Executed this _____ day of _____, 20_____.

L.S.

PATRICK A. PINTO

Executed this _____ day of _____, 20_____.

L.S.

BAMA SANTHANAM

Executed this _____ day of _____, 20_____.

L.S.

SCOTT JEFFREY KEMP

Executed this _____ day of _____, 20_____.

L.S.

ODILE ESTHER LEVY

Executed this _____ day of _____, 20_____.

L.S.

MARGUERITA LIM-WILBY

Executed this _____ day of _____, 20_____.

L.S.

SUSAN Y. TAMURA

Executed this _____ day of _____, 20_____.

L.S.

WANLI WU

Executed this _____ day of _____, 20_____.

L.S.

SISKA HENDRATA

Executed this _____ day of _____, 20_____.

L.S.

YUHUA HUANG

Executed this _____ day of _____, 20_____.

L.S.

JESSE K. WONG

Executed this _____ day of _____, 20_____.

L.S.

LATHA G. NAIR

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20_____, personally appeared before me
ANIL K. SAKSENA 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20_____, personally appeared before me
VIYYOOR MOOPIL GIRJAVALLABHAN 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20_____, personally appeared before me
RAYMOND G. LOVEY 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
EDWIN E. JAO 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
FRANK BENNETT 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

ACKNOWLEDGEMENT

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

On this 8th day of February, 2002, personally appeared before me
JINPING L. MC CORMICK 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)

Anne H. Logue
Notary Public

ANNE H. LOGUE
A Notary Public of New Jersey
My Commission Expires 9/20/2003

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
TIN-YAU CHAN 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
YI-TSUNG 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
ZHAONING ZHU to me known, and known by me to be the same person described
in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his
(her) own free will for the purpose set forth.

(Seal)

Notary Public

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me **ASHIT K. GANGULY** 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me **KEVIN X. CHEN** 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me **SRIKANTH VENKATRAMAN** 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
HENRY A. VACCARO 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
PATRICK A. PINTO 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
BAMA SANTHANAM 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
SCOTT JEFFREY KEMP 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
ODILE ESTHER LEVY 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
MARGUERITA LIM-WILBY 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
SUSAN Y. TAMURA 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
WANLI 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
SISKA HENDRATA 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
YUHUA HUANG 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
JESSE K. WONG 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

ACKNOWLEDGEMENT

State of _____)
County of _____) s.s.:

On this _____ day of _____, 20____, personally appeared before me
LATHA G. NAIR 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