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Case No. CD01504

Form PTO-1595

(Rev. 10/02)

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

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PATENTS ONLY

 U.S. DEPARTMENT OF COMMERCE
 U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

Chou-Hong Tann

2. Name and address of receiving party(ies)

Name: Schering Corporation

Internal Address: 2000 Galloping Hill Road

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

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Kenilworth, New Jersey 07033

Street Address: Same as above.

City: _____ State: _____ Zip: _____

Execution Date: May 19, 2003

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)

10/400,429

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 S. 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: 1

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 S. Kalyanaraman, Reg. No. 34,634

Name of Person Signing

Signature

06/02/2003

Date

Total number of pages including cover sheet, attachments, and documents: 10

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

06/05/2003 TBIAZ1

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PATENT
REEL: 014131 FRAME: 0680

ASSIGNMENT

For good and valuable consideration paid to us,

(1) <u>WENXUE WU</u>	(7) <u>MARTIN LAWRENCE SCHWARTZ</u>
(2) <u>HONGBIAO LIAO</u>	(8) <u>TIMOTHY L. McALLISTER</u>
(3) <u>DAVID J. TSAI</u>	(9) <u>XIAOYONG FU</u>
(4) <u>DAVID R. ANDREWS</u>	(10) <u>DONAL MALONEY</u>
(5) <u>DINESH GALA</u>	(11) <u>TIRUVETTIPURAM K. THIRUVENGADAM</u>
(6) <u>GARY M. LEE</u>	(12) <u>CHOU-HONG TANN</u>

respectively residing at

(1) <u>Princeton Junction, NJ</u>	(7) <u>Morris Plains, NJ</u>
(2) <u>Bound Brook, NJ</u>	(8) <u>Westfield, NJ</u>
(3) <u>Warren, NJ</u>	(9) <u>Edison, NJ</u>
(4) <u>Maplewood, NJ</u>	(10) <u>Union, NJ</u>
(5) <u>East Brunswick, NJ</u>	(11) <u>Kendall Park, NJ</u>
(6) <u>Belmont, CA</u>	(12) <u>Berkeley Heights, 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

STEREOSELECTIVE ALKYLATION OF CHIRAL 2-METHYL-4-PROTECTED PIPERAZINES

and officially identified* by the United States Patent and Trademark Office as Application Number 10/400,429 filed on March 27, 2003 , and/or by the World Intellectual Property Organization as International Patent Application Number _____ filed on _____, 20____ , 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.**HONGBIAO LIAO****ACKNOWLEDGEMENT**State of _____)
County of _____) s.s.:

On this _____ day of _____, 20_____, personally appeared before me
Hongbiao Liao 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.**DAVID J.S. TSAI****ACKNOWLEDGEMENT**State of _____)
County of _____) s.s.:

On this _____ day of _____, 20_____, personally appeared before me
David J.S. Tsai 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.

DAVID R. ANDREWS

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20____, personally appeared before me
David R. Andrews 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.

DINESH GALA

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20____, personally appeared before me
Dinesh Gala 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.**GARY M. LEE****ACKNOWLEDGEMENT**State of _____)
County of _____) s.s.:

On this _____ day of _____, 20_____, personally appeared before me
Gary M. 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.**MARTIN LAWRENCE SCHWARTZ****ACKNOWLEDGEMENT**State of _____)
County of _____) s.s.:

On this _____ day of _____, 20_____, personally appeared before me
Martin Lawrence Schwartz 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.

TIMOTHY L. McALLISTER

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20____, personally appeared before me
Timothy L. McAllister 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.

XIAOYONG FU

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20____, personally appeared before me
Xiaoyong Fu 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.**DONAL MALONEY****ACKNOWLEDGEMENT**State of _____)
County of _____) s.s.:

On this _____ day of _____, 20_____, personally appeared before me
Donal Maloney 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.**TIRUVETTIPURAM K. THIRUVENGADAM****ACKNOWLEDGEMENT**State of _____)
County of _____) s.s.:

On this _____ day of _____, 20_____, personally appeared before me
Tiruvettipuram K. Thiruvengadam 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 19th day of May, 20 03.Chou-Hong Tann L.S.
CHOU-HONG TANN**ACKNOWLEDGEMENT**State of Massachusetts
County of Norfolk } s.s.:

On this 19th day of May, 20 03, personally appeared before me
Chou-Hong Tann 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)

Alisa W. Smith
Notary Public