

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

01-18-2002



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U.S. Department of Commerce
Patent and Trademark Office
PATENT

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☒ New

☐ Resubmission (Non-Recordation)

Document ID#

☐ Correction of PTO Error

Reel #

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Reel #

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Conveyance Type

☒ Assignment

☐ Security Agreement

☐ License

☐ Change of Name

☐ Merger

☐ Other

U.S. Government

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☐ Departmental File

☐ Secret File

Conveying Party(ies)



Mark if additional names of conveying parties attached

Name (line 1) Anil K. Saxena

Execution Date
Month Day Year
05 23 01

Name (line 2)

Second Party

Name (line 1) Viyyoor M. Girjavalabhan

Execution Date
Month Day Year
05 23 01

Name (line 2)

Receiving Party



Mark if additional names of receiving parties attached

Name (line 1) Schering Corporation



If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1) 2000 Galloping Hill Road

Address (line 2)

Address (line 3) Kenilworth

City

New Jersey, USA

State/Country

07033

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

01/17/2002 AAHMED1 00000068 190365 09909062

01 FO:581 40.00 CH

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

PATENT
REEL: 012466 FRAME: 0764

Correspondent Name and Address

Area Code and Telephone Number **908-298-5068**

Name **Palaiyur Kalyanaraman**

Address (line 1) **Patent Dept. K-6-1, 1990**

Address (line 2) **Schering-Plough Corporation**

Address (line 3) **2000 Galloping Hill Road**

Address (line 4) **Kenilworth NJ 07033-0530**

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

4

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/909,062

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number

PCT

PCT

PCT

only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:

Deposit Account

Enclosed ☐

Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

19-0365

Authorization to charge additional fees:

Yes



No



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. Charges to deposit account are authorized, as indicated herein.

Palaiyur Kalyanaraman

Name of Person Signing



Signature

November 7, 2001

Date

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Conveying Party(ies)



Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Raymond G. Lovey

Execution Date
Month Day Year

05 23 01

Name (line 2)

Execution Date
Month Day Year

05 23 01

Name (line 1) Edwin Jao

Name (line 2)

Execution Date
Month Day Year

05 23 01

Name (line 1) Frank Bennett

Name (line 2)

Receiving Party(ies)



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Name (line 1)



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Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)



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Conveying Party(ies)



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Enter additional Conveying Parties

Name (line 1) Jinping L. McCormick

Execution Date
Month Day Year

06 08 01

Name (line 2)

Execution Date
Month Day Year

05 30 01

Name (line 1) Russell E. Pike

Name (line 2)

Execution Date
Month Day Year

05 23 01

Name (line 1) Stephane L. Bogen

Name (line 2)

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Name (line 1)



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Enter additional Conveying Parties

Name (line 1) Yi-Tsung Liu

Execution Date
Month Day Year

05 30 01

Name (line 2)

Execution Date
Month Day Year

05 23 01

Name (line 1) Ashok Arasappan

Name (line 2)

Execution Date
Month Day Year

05 24 01

Name (line 1) Patrick A. Pinto

Name (line 2)

Receiving Party(ies)



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Name (line 1)



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Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) F. George Njoroge

Execution Date
Month Day Year
05 30 01

Name (line 2)

Execution Date
Month Day Year
05 22 01

Name (line 1) Ashit Ganguly

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

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☐ Mark if additional numbers attached

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Patent Application Number(s)

Patent Number(s)

ASSIGNMENT

For good and valuable consideration paid to us,

(1) ANIL K. SAKSENA (2) VIYYOOR MOOPIL GIRIJAVALLABHAN
 (3) RAYMOND G. LOVEY (4) EDWIN. JAO
 (5) FRANK BENNETT (6) JINPING L. MC CORMICK
 (7) HAIYAN WANG (8) RUSSELL E. PIKE
 (9) STEPHANE L. BOGEN (10) YI-TSUNG LIU
 (11) ASHOK ARASAPPAN (12) TEJAL PAREKH
 (13) PATRICK A. PINTO (14) F. GEORGE NJOROG
 (15) ASHIT K. GANGULY (16) TERENCE K. BRUNCK
 (17) SCOTT JEFFREY KEMP (18) ODILE ESTHER LEVY
 (19) MARGUERIUTA LIM-WILBY

respectively residing at

(1) UPPER MONTCLAIR, NJ (2) PARSIPPANY, NJ
 (3) WEST CALDWELL, NJ (4) WARREN, NJ
 (5) PISCATAWAY, NJ (6) EDISON, NJ
 (7) DAYTON, NJ (8) STANHOPE, NJ
 (9) SOMERSET, NJ (10) MORRIS TOWNSHIP, NJ
 (11) BRIDGEWATER, NJ (12) WOODBRIIDGE, NJ
 (13) MORRIS PLAINS, NJ (14) UNION, NJ
 (15) UPPER MONTCLAIR, NJ (16) SANTA FE, NEW MEXICO
 (17) SAN DIEGO, CA (18) SAN DIEGO, CA
 (19) LA JOLLA, CA

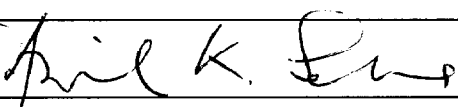
by **SCHERING CORPORATION**, a corporation organized under the laws of the State of New Jersey, United States of America, having its principal office at 2000 Galloping Hill Road, Kenilworth, New Jersey 07033 , United States of America, (hereinafter called "**ASSIGNEE**"), we each do hereby sell, assign 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 09/909,062 filed on July 19, 2001 , 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

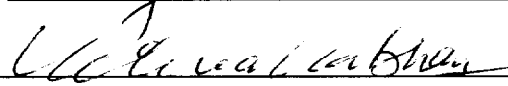
Inventions, Patents, Designs and Industrial Models and under any other international arrangement to which the United States now is or hereafter becomes a signatory, in and to any and all Letters Patent that issue on any of the aforesaid patent applications, in and to any applications claiming priority 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.

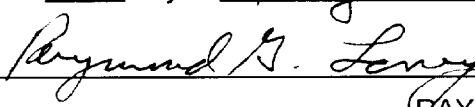
*We hereby authorize **ASSIGNEE** to insert in this instrument the Application Number and the filing date of said application for Letters Patent when officially notified thereof.

Executed this 23rd day of May, 2001.


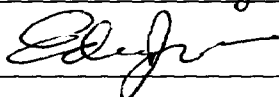
ANIL K. SAKSENA L.S.

Executed this 23rd day of May, 2001.


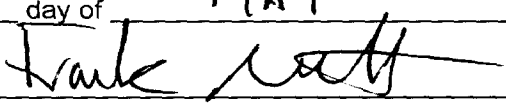
VIYYOOR MOOPIL GIRIJAVALLABHAN L.S.

Executed this 23rd day of May, 2001.


RAYMOND G. LOVEY L.S.

Executed this 23rd day of May, 2001.


EDWIN. JAO

Executed this 25th day of May, 2001.


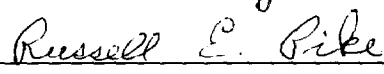
FRANK BENNETT

Executed this 8th day of June, 2001.



JINPING L. MC CORMICK

Executed this _____ day of _____, 20____.

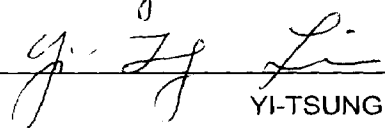
HAIYAN WANG

Executed this 30th day of May, 2001.



RUSSELL E. PIKE

Executed this 23rd day of May, 2001.


STEPHANE L. BOGEN

Executed this 5th day of May, 2001.


YI-TSUNG LIU

Executed this 23rd day of May, 2001.


ASHOK ARASAPPAN

Executed this _____ day of _____, 20____.

L.S.

TEJAL PAREKH

Executed this 24th day of MAY, 2001.

L.S.

PATRICK A. PINTO

Executed this 30th day of MAY, 2001.

L.S.

F. GEORGE NJORGE

Executed this 22nd day of May, 2001.

L.S.

ASHIT GANGULY

Executed this _____ day of _____, 20____.

L.S.

TERENCE K. BRUNCK

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