

FORM PTO-1619A
Expires 06/30/99
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10-23-2002



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

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FINANCE SECTION

RECORDATION FORM COVER SHEET PATENTS ONLY

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Submission Type

- ☒ New
- ☐ Resubmission (Non-Recordation)
Document ID#
- ☐ Correction of PTO Error
Reel # Frame #
- ☐ Corrective Document
Reel # Frame #

Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other

U.S. Government

(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) Timothy J. Guzi

Execution Date
Month Day Year
09 05 02

Name (line 2)

Second Party

Name (line 1) Kamil Paruch

Execution Date
Month Day Year
09 05 02

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)

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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: 013398 FRAME: 0146

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. # **10**

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)

Patent Number(s)

10/235,627

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

PCT PCT PCT
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:

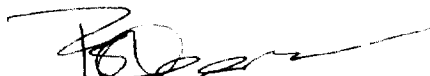
Yes ☒ No ☐

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

October 8, 2002

Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

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

Conveying Party(ies)



Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Alan K. Mallams

Execution Date
Month Day Year

09 05 02

Name (line 2)

Execution Date
Month Day Year

09 05 02

Name (line 1) Jocelyn D. Rivera

Name (line 2)

Execution Date
Month Day Year

09 05 02

Name (line 1) Ronald J. Doll

Name (line 2)

Receiving Party(ies)



Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)



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)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

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Patent and Trademark Office
PATENT

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Viyyoor M. Girjavallabhan

Execution Date
Month Day Year
09 05 02

Name (line 2)

Name (line 1) Jonathan A. Pachter

Execution Date
Month Day Year
09 05 02

Name (line 2)

Name (line 1) Yi-Tsung Liu

Execution Date
Month Day Year
09 05 02

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

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City

State/Country

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U.S. Department of Commerce
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PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Anil K. Saxena

Execution Date
Month Day Year

09 05 02

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

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Name (line 2)

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ASSIGNMENT

For good and valuable consideration paid to us,

- (1) Timothy J. Guzi
- (2) Kamil Paruch
- (3) Alan K. Mallams
- (4) Jocelyn D. Rivera
- (5) Ronald J. Doll
- (6) Viyoor M. Girjavallabhan
- (7) Jonathan A. Pachter
- (8) Yi-Tsung Liu
- (9) Anil K. Saksena

respectively residing at

- (1) Chatham, New Jersey
- (2) Cranford, New Jersey
- (3) Hackettstown, New Jersey
- (4) Monmouth Junction, New Jersey
- (5) Convent Station, New Jersey
- (6) Parsippany, New Jersey
- (7) Maplewood, New Jersey
- (8) Morris Township, New Jersey
- (9) Upper Montclair, New Jersey

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

17β- HYDROXYSTEROID DEHYDROGENASE TYPE 3 INHIBITORS
FOR THE TREATMENT OF ANDROGEN DEPENDENT DISEASES

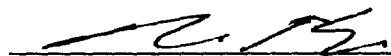
and officially identified* by the United States Patent and Trademark Office as Application Number 10/235,627 filed on September 5, 2002, and/or by the World Intellectual Property Organization as International Patent Application Number PCT/US02/28181 filed on September 5, 2002, in and to the right to 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 therefore 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

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 therefore, 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 5th day of September, 2002.

 L.S.

TIMOTHY J. GUZI

Executed this 5th day of September, 2002.

 L.S.

KAMIL PARUCH

Executed this 5th day of September, 2002.

Alan K. Mallams. L.S.

ALAN K. MALLAMS

Executed this 5th day of SEPTEMBER, 2002.

Joelyn D. Rivera L.S.

JOCELYN D. RIVERA

Executed this 5th day of September, 2002.

Ronald J. Doll L.S.

RONALD J. DOLL

Executed this 5th day of September, 2002.

Viyyoor M. Girijavallabhan L.S.

VIYYOOR M. GIRIJAVALLABHAN

Executed this 5th day of September, 2002.

Jonathan A. Pachter L.S.

JONATHAN A. PACHTER

Executed this 5th day of September, 2002.

Yi-Sung Liu L.S.

YI-SUNG LIU

Executed this 5th day of September, 2002.

Anil K. Saxena L.S.

ANIL K. SAKSENA

ACKNOWLEDGEMENT

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

On this 5th day of September, 2002, personally appeared before me Timothy J. Guzi 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)

Kelly A. Billingsley
Notary Public

KELLY A. BILLINGSLEY
NOTARY PUBLIC
COMMISSION EXPIRES FEBRUARY 08, 2007

ACKNOWLEDGEMENT

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

On this 5th day of September, 2002, personally appeared before me Kamil Paruch 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)

Kelly A. Billingsley
Notary Public

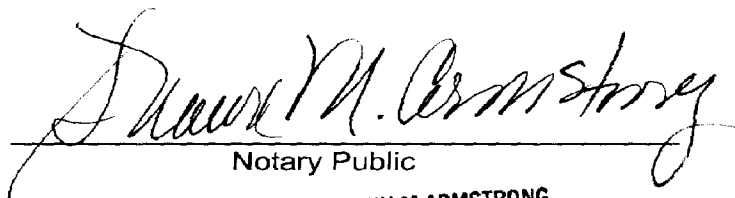
KELLY A. BILLINGSLEY
NOTARY PUBLIC
COMMISSION EXPIRES FEBRUARY 08, 2007

ACKNOWLEDGEMENT

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

On this 5th day of September, 2002, personally appeared before me Alan K. Mallams 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

SHAWN M ARMSTRONG
A Notary Public of New Jersey
My Commission Expires May 15, 2005

ACKNOWLEDGEMENT

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

On this 5th day of September, 2002, personally appeared before me Jocelyn D. Rivera 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

KELLY A. BILLINGSLEY
NOTARY PUBLIC
COMMISSION EXPIRES FEBRUARY 08, 2007

ACKNOWLEDGEMENT

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

On this 5th day of September, 2002, personally appeared before me Ronald J. Doll 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)

Kelly A. Billingsley
Notary Public

KELLY A. BILLINGSLEY
NOTARY PUBLIC
COMMISSION EXPIRES FEBRUARY 08, 2007

ACKNOWLEDGEMENT

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

On this 5th day of September, 2002, personally appeared before me Viyyoor M. Girijavallabhan 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)

Kelly A. Billingsley
Notary Public

KELLY A. BILLINGSLEY
NOTARY PUBLIC
COMMISSION EXPIRES FEBRUARY 08, 2007

ACKNOWLEDGEMENT

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

On this 5th day of September, 2002, personally appeared before me Jonathan A. Pachter 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)

Kelly A. Billingsley
Notary Public

KELLY A. BILLINGSLEY
NOTARY PUBLIC
COMMISSION EXPIRES FEBRUARY 08, 2007

ACKNOWLEDGEMENT

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

On this 5th day of September, 2002, 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)

Kelly A. Billingsley
Notary Public

KELLY A. BILLINGSLEY
NOTARY PUBLIC
COMMISSION EXPIRES FEBRUARY 08, 2007

ACKNOWLEDGEMENT

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

On this 5th day of September, 2002, 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}

Kelly A. Billingsley
Notary Public

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KELLY A. BILLINGSLEY
NOTARY PUBLIC
COMMISSION EXPIRES FEBRUARY 08, 2005