

FORM PTO-1619A
Expires 06/30/99
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11-12-2002



102278397

RECORDS
U.S. Department of Commerce
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PATENT

FINANCE SECTION

RECORDATION FORM COVER SHEET PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New 10-29-02

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) Execution Date
Month Day Year

Second Party

Name (line 1) Execution Date
Month Day Year

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

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 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)
City State/Country 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)

11/08/2002 TDIAZ1 00000203 190365 10072354
01 FC#0021 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

Correspondent Name and Address **Area Code and Telephone Number**

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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

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)		
<input type="text" value="10/072,354"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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.

Patent Cooperation Treaty (PCT)

Enter PCT application number 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.** #

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

Method of Payment: **Enclosed** **Deposit Account**

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

Deposit Account Number: #

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.

Robert L. Bernstein *Robert L. Bernstein* October 23, 2002

Name of Person Signing **Signature** **Date**

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Brian J. Lavey

Execution Date
Month Day Year
02 06 02

Name (line 2)

Name (line 1) Razia K. Rizvi

Execution Date
Month Day Year
02 06 02

Name (line 2)

Name (line 1) Bandarpalle B. Shankar

Execution Date
Month Day Year
02 06 02

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

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 1)

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Patent Application Number(s)

Patent Number(s)

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) James M. Spittler

Execution Date
Month Day Year
02 07 02

Name (line 2)

Name (line 1) Ling Tong

Execution Date
Month Day Year
02 06 02

Name (line 2)

Name (line 1) Ronald L. Wolin

Execution Date
Month Day Year
01 31 02

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

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Patent Application Number(s)

Patent Number(s)

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Michael K. Wong

Execution Date
Month Day Year
02 06 02

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party(ies)

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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)

ASSIGNMENT

For good and valuable consideration paid to us,

- | | |
|-----------------------------------|-----------------------------|
| (1) <u>Joseph A. Kozlowski</u> | (6) <u>James M. Spitler</u> |
| (2) <u>Neng-Yang Shih</u> | (7) <u>Ling Tong</u> |
| (3) <u>Brian J. Lavey</u> | (8) <u>Ronald L. Wolin</u> |
| (4) <u>Razia K. Rizvi</u> | (9) <u>Michael K. Wong</u> |
| (5) <u>Bandarpalle B. Shankar</u> | |

respectively residing at

- | | |
|---------------------------------------|----------------------------------------|
| (1) <u>Princeton, New Jersey</u> | (6) <u>Westfield, New Jersey</u> |
| (2) <u>North Caldwell, New Jersey</u> | (7) <u>Warren, New Jersey</u> |
| (3) <u>Chatham, New Jersey</u> | (8) <u>San Diego, California</u> |
| (4) <u>Bloomfield, New Jersey</u> | (9) <u>North Brunswick, New Jersey</u> |
| (5) <u>Branchburg, 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

CANNABINOID RECEPTOR LIGANDS

and officially identified* by the United States Patent and Trademark Office as Application Number 10/072,354 filed on February 6, 2002 , and/or by the World Intellectual Property Organization as International Patent Application Number PCT/US02/03672 filed on February 7, 2002 , 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 6th day of February, 2002.

Joseph A. Kozlowski L.S.
Joseph A. Kozlowski

ACKNOWLEDGEMENT

State of New Jersey
County of Essex) ss:

On this 6th day of February, 2002

personally appeared before me Joseph A. Kozlowski
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)

Rosa Scasso
Notary Public

ROSA SCASSO
Notary Public of New Jersey
My Commission Expires Nov. 10, 2004

Executed this 6th day of February, 2002.

Neng-Yang Shih L.S.
Neng-Yang Shih

ACKNOWLEDGEMENT

State of New Jersey) ss:
County of Union)

On this 6th day of February, 2002,
personally appeared before me Neng-Yang Shih
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

Executed this 6th day of February, 2002.

Brian J. Lavey L.S.
Brian J. Lavey

ACKNOWLEDGEMENT

State of New Jersey) ss:
County of Essex)

On this 6th day of February, 2002,
personally appeared before me Brian J. Lavey
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)

Rosa Scasso
Notary Public

ROSA SCASSO
Notary Public of New Jersey
My Commission Expires Nov. 10, 2004

Executed this 6 day of Feb., 2002.

Razia K. Rizvi L.S.
Razia K. Rizvi

ACKNOWLEDGEMENT

State of New Jersey
County of Essex) ss:

On this 6th day of February, 2002,
personally appeared before me Razia K. Rizvi
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)

Rosa Scasso
Notary Public

Executed this 6 day of Feb, 2002.

B. B. Shankar L.S.
Bandarpalle B. Shankar

ROSA SCASSO
Notary Public of New Jersey
My Commission Expires Nov. 10, 2004

ACKNOWLEDGEMENT

State of New Jersey
County of Essex) ss:

On this 6th day of February, 2002,
personally appeared before me Bandarpalle B. Shankar
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)

Rosa Scasso
Notary Public

ROSA SCASSO
Notary Public of New Jersey
My Commission Expires Nov. 10, 2004

Executed this 7th day of Feb., 2002.

James M. Spitler L.S.
James M. Spitler

ACKNOWLEDGEMENT

State of New Jersey) ss:
County of Essex)

On this 7th day of February, 2002
personally appeared before me James M. Spitler
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)

Rosa Scasso
Notary Public

ROSA SCASSO
Notary Public of New Jersey
My Commission Expires Nov. 10, 2004

Executed this 6 day of Feb., 2002.

Ling Tong L.S.
Ling Tong

ACKNOWLEDGEMENT

State of New Jersey) ss:
County of Essex)

On this 6th day of February, 2002
personally appeared before me Ling Tong
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)

Rosa Scasso
Notary Public

ROSA SCASSO
Notary Public of New Jersey
My Commission Expires Nov. 10, 2004

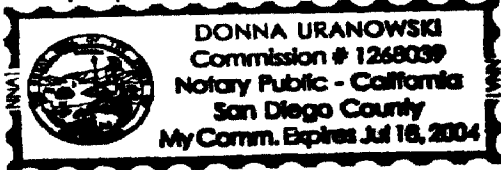
Executed this 31 day of JANUARY, 2002.

Ronald L. Wolin L.S.
Ronald L. Wolin

ACKNOWLEDGEMENT

State of CALIFORNIA)
County of SANDIEGO) ss:

On this 31st day of JANUARY, 2002
personally appeared before me Ronald L. Wolin
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)  Donna Uranowski
Notary Public

Executed this 6th day of February, 2002.

Michael K. Wong L.S.
Michael K. Wong

ACKNOWLEDGEMENT

State of New Jersey)
County of Essex) ss:

On this 6th day of February, 2002
personally appeared before me Michael 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) Rosa Scasso
Notary Public

21990_1

ROSA SCASSO
Notary Public of New Jersey
My Commission Expires Nov. 10, 2004