

04-29-1998



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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

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	Execution Date Month Day Year
Name (line 1) Caldwell, William S.	01 13 1998
Name (line 2)	

Second Party

Name	Execution Date Month Day Year
Name (line 1) Bencherif, Merouane	01 13 1998
Name (line 2)	

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) R. J. Reynolds Tobacco Company

Name (line 2) Law Department - Patents

Address (line 1) Bowman Gray Technical Center

Address (line 2) P. O. Box 1487, 950 Reynolds Boulevard

Address (line 3) Winston-Salem NC/USA 27102
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.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Borschke, August J.

Address (line 1) Law Department - Patents

Address (line 2) R. J. Reynolds Tobacco Company

Address (line 3) P. O. Box 1487, 950 Reynolds Boulevard

Address (line 4) Winston-Salem, NC 27102

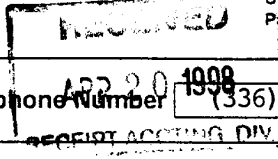
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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

REEL: 9121 FRAME: 0188

MRD 4-17-98



Correspondent Name and Address

Area Code and Telephone Number (336) 741-5491

Name August J. Borschke, Esq.

Address (line 1) Law Department - Patents

Address (line 2) R. J. Reynolds Tobacco Company

Address (line 3) P. O. Box 1487, 950 Reynolds Boulevard

Address (line 4) Winston-Salem, NC 27102

Pages

Enter the total number of pages of the attached conveyance document including any attachments. # 1

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)

08/885,397

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

Number of Properties

Enter the total number of properties involved. #

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: # 18-1102

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.

August J. Borschke

Name of Person Signing

Signature August J. Borschke 4/17/98

Signature

Date

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

**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)

Execution Date
Month Day Year

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)

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)

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

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)

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PATENT

ATTY. DOCKET NO. : 627-206
SERIAL NO. : 08/885,397
FILED: JUNE 30, 1997

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, the undersigned, **Peter Anthony Crooks**

Hereby sell, assign and transfer to the **University of Kentucky**, a corporation of the State of **Kentucky** having a place of business at **Lexington** in the County of **Fayette** and State of **Kentucky**, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to the invention disclosed and claimed, and as possessed by the undersigned, any invention which is disclosed but not claimed, in the application for United States Patent Application Serial No. 08/885,397, filed June 30, 1997, which has been executed by the undersigned and is entitled **Pharmaceutical Compositions and Methods for Effecting Dopamine Release** and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents and Trademarks to issue to the Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this agreement, any and all United States Letters Patent on said inventions disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent for said inventions; and may claim, in applications for said foreign Letters Patent, the priority of the aforesaid United States application under the provisions of the International Convention; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors,

PATENT
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assigns, and representatives, all facts known to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Peter Anthony Crooks (L.S.) _____ (L.S.)
Peter Anthony Crooks

_____ (L.S.) _____ (L.S.)
_____ (L.S.) _____ (L.S.)
_____ (L.S.) _____ (L.S.)

State of Kentucky
County of Fayette

Before me this 16th day of January, 1998 personally appeared Peter Anthony Crooks to me personally known to be the person(s) who is/are described in and who executed the above instrument, and he/they acknowledged to me that he/they executed the same of his/their own free will for the purposes therein set forth.

Cathy Ann Goetz
Notary Public

My Commission Expires January 23, 2001

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, the undersigned,
**William Scott Caldwell; Merouane Bencherif; Gary Maurice Dull and
Patrick Michael Lippiello**

Hereby sell, assign and transfer to **R. J. REYNOLDS TOBACCO COMPANY**
a corporation of the State of **New Jersey** having a place of business at **Winston-Salem**
In the County of **Forsyth** and State of **North Carolina** its successors, assigns and legal representatives, the entire
right, title and interest for all countries, in and to the invention disclosed and claimed, and as possessed by the undersigned, any invention which is
disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned on **January 12 and 13, 1998**
and is entitled **PHARMACEUTICAL COMPOSITIONS AND METHODS FOR EFFECTING DOPAMINE RELEASE**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or
shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on
said inventions;

Authorize and request the Commissioner of Patents and Trademarks to issue to said Assignee, the corporation above named, its successors, assigns
and legal representatives, in accordance with this agreement, any and all United States Letters Patent on said inventions disclosed in said application;

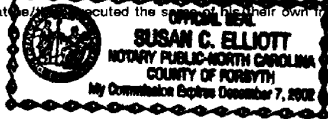
Agree that said Assignee may apply for and receive foreign Letters Patent for said inventions; and may claim, in applications for said foreign Letters
Patent, the priority of the aforesaid United States application under the provisions of the International Convention; and that, when requested, without
charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this
assignment, the undersigned will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all
other patent applications on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said
Assignee its successors, assigns, and representatives, all facts known to the undersigned relating to said inventions and the history thereof; testify in all
legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding
in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and
all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agree-
ment affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein
expressed is possessed by the undersigned.

<u>William Scott Caldwell</u> (L.S.)	<u>Gary Maurice Dull</u> (L.S.)
<u>Merouane Bencherif</u> (L.S.)	<u>Patrick Michael Lippiello</u> (L.S.)
<u>William Scott Caldwell</u> (L.S.)	<u>Gary Maurice Dull</u> (L.S.)
<u>Merouane Bencherif</u> (L.S.)	<u>Patrick Michael Lippiello</u> (L.S.)
<u>William Scott Caldwell</u> (L.S.)	<u>Patrick Michael Lippiello</u> (L.S.)
<u>Merouane Bencherif</u> (L.S.)	<u>Gary Maurice Dull</u> (L.S.)

State of **North Carolina** }
County of **Forsyth** } SS.

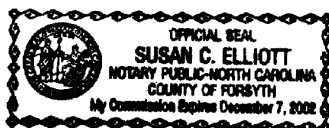
Before me this **12th** day of **January**, 19 **98** personally appeared **Gary Maurice Dull**
to me personally known to be the person(s) who is/are described in and who executed the above instrument, and he/they acknowledged to
me that he/they executed the same of his/their own free will for the purposes therein set forth.



Susan C. Elliott
NOTARY PUBLIC
My Commission Expires **December 7, 2002**

State of **North Carolina** }
County of **Forsyth** } SS.

Before me this **13th** day of **January**, 19 **98** personally appeared **William Scott Caldwell
Merouane Bencherif
Patrick Michael Lippiello**
to me personally known to be the person(s) who is/are described in and who executed the above instrument, and he/they acknowledged to
me that he/they executed the same of his/their own free will for the purposes therein set forth.



Susan C. Elliott
NOTARY PUBLIC
My Commission Expires **December 7, 2002**