

8/31/98

09-14-1998

Case 19226PI

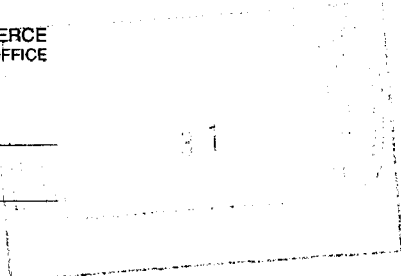


U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

COVER SHEET
Y

100827551

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:
PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.



1. Name(s) of Conveying party(ies):

- (a) Gregory J. Kaczorowski, Maria L. Garcia, and Reid J. Leonard;
- (b) Richard J. Swanson and Kimberly L. Folander; and
- (c) Owen B. McManus

Additional name(s) of conveying party(ies) attached? yes no

2. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

3. Name and address of receiving party(ies):

Name: Merck & Co., Inc.
 Internal Address: RY 60-30
 Street Address: PO Box 2000
 City & State: Rahway, New Jersey
 Zip: 07065-0907

Additional names & addresses attached? Yes No

Execution Dates: (a) August 11, 1998; (b) August 19, 1998; and (c) August 24, 1998

4. Application number(s) or patent number(s) are as follows:

- (a) Patent Application Nos. 08/732,506, filed November 12, 1996, entitled "DNA ENCODING THE BETA SUBUNIT OF A MAMMALIAN MAXI-K POTASSIUM CHANNEL".
- (b) If this document is being filed together with a new application, the execution date of the application:

Additional numbers attached? Yes No

5. Name & address of party to whom correspondence concerning document should be mailed:

Name: J. ANTONIO GARCIA-RIVAS
 Internal Address: PATENT DEPT. - RY 60-30
P.O. BOX 2000
 City & State: RAHWAY, N.J. Zip: 07065-0907

6. Total no. of applications & patents involved: ONE

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- The Commissioner is hereby authorized to charge deposit account number 13-2755 for any fees which may be required or to credit any overpayment.

09/10/1998 JSHBAZZ 00000212 132755 08732506
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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.

J. Antonio Garcia-Rivas, Reg. No. 42,567
 Name of Person Signing

[Signature]
 Signature

8/24/98
 Date

Total number of pages comprising cover sheet: 1

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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
 Box Assignments
 Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date appearing below.

By [Signature] Date 8/24/98
 MERCK & CO., INC.

PATENT
 REEL: 9438 FRAME: 0450

ASSIGNMENT AND AGREEMENT

For value received, we, GREGORY J. KACZOROWSKI, MARIA L. GARCIA, REID J. LEONARD,
OWEN B. McMANUS, RICHARD J. SWANSON and KIMBERLY L. FOLANDER

of 5 ASHBROOK DRIVE, EDISON, NEW JERSEY 08820; 5 ASHBROOK DRIVE, EDISON, NEW JERSEY 08820;
949 RIPLEY AVENUE, WESTFIELD, NEW JERSEY 07090; 55 MYRTLE AVENUE, NORTH PLAINFIELD, NEW JERSEY 07060;
709 PARK ROAD, LANSDALE, PENNSYLVANIA 19446; and 214 WEDGEWOOD ROAD, BETHLEHEM, PENNSYLVANIA 18017,
respectively,

hereby sell, assign and transfer to MERCK & CO., Inc., a corporation of the State of New Jersey, having an office at Lincoln Avenue, City
of Rahway, State of New Jersey, and its successors, assigns and legal representatives, the entire right, title and interest, for all
countries, in and to certain inventions relating to

DNA ENCODING THE BETA SUBUNIT OF A MAMMALIAN MAXI-K POTASSIUM CHANNEL

described in an application for Letters Patent of the United States, executed by each of us on even date herewith, or executed on the
date shown in the Declaration and Power of Attorney relating to said application, and all the rights and privileges, including any and all
benefits under the International Convention for the Protection of Industrial Property and related treaties, under any and all Letters
Patents which may be granted in any foreign country, and under any and all extensions, divisionals, reissues and continuations of said
Letters Patents.


We request that any and all Patents for said inventions be issued to said assignee, its successor, assigns and legal representa-
tives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths,
and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all
countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

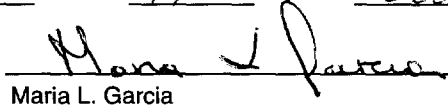
We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed
are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

We hereby authorize our attorney, Valerie J. Camara or an attorney with Power of Attorney in this application, of
the said MERCK & CO., Inc., to insert **Serial No.**, and **Filing Date** of said application(s) when known.


Signed at Rahway, New Jersey this 19th day of August, 1998.



Gregory J. Kaczorowski



Maria L. Garcia



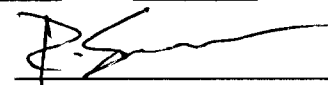
Reid J. Leonard




~~Owen B. McManus~~

ASSIGNMENT AND AGREEMENT

Signed at West Point, Pennsylvania this 11th day of August, 1998.



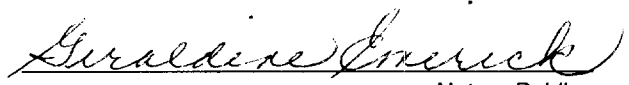
Richard J. Swanson


Kimberly L. Folander

State of New Jersey }
County of Union } SS.

Personally appeared before me the above-named Gregory J. Kaczorowski, Reid J. Leonard, and Maria L. Garcia ~~and Owen B. Matthews~~

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this 19th day of August, 1998.



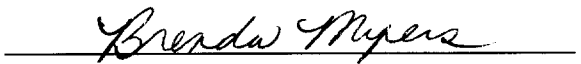
Notary Public

GERALDINE EMERICK
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Feb. 20, 2000

Commonwealth of Pennsylvania }
County of Montgomery } SS.

Personally appeared before me the above-named Richard J. Swanson and Kimberly L. Folander

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this 11th day of August, 1998.



Notary Public

Notarial Seal
Brenda Myers, Notary Public
Upper Gwynedd Twp., Montgomery County
My Commission Expires Apr. 11, 2002
Member, Pennsylvania Association of Notaries

ASSIGNMENT AND AGREEMENT

Signed at Rahway, New Jersey this 24th day of August, 1998

Owen B. McManus
Owen B. McManus

State of New Jersey }
County of Union } SS.

Personally appeared before me the above-named Owen B. McManus

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this 24th day of August, 1998

Joanne Ciraco
JOANNE CIRACO
Notary Public
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires January 20, 2000

Signed at _____ this _____ day of _____

County of _____ }
} SS.

Personally appeared before me the above-named

to me known and known to me to be the person(s) who executed the foregoing instrument and acknowledged said instrument to be their free act and deed this _____ day of _____

Notary Public