

02-08-2001

Patent Case No. 19147CA

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

101608161

HEET

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

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

W. Scott Borneman, Michael J. Conder, Victor A. Vinci, Anil Goyal

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

2. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: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.

MERCK & CO., INC.

By J. Mark Hand Date 1/24/01
Reg. No. 36,545

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

Name: MERCK & Co., INC.

Internal Address: RY60-30

Street Address: P.O. Box 2000

City & State: RAHWAY, NEW JERSEY

Zip/Postal Code: 07065-0907

Execution Date: Apr 3, 1995 Apr 7, 1995 Mar 31, 1995

Additional name(s) & addresses attached?

☐ Yes☒ No

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

(a) Patent Application No(s). 08/748,073, filed on November 12, 1996

and titled:

BIOPROCESS FOR PRODUCTION OF DIPEPTIDE BASED COMPOUNDS

(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 documents should be mailed:

Name: J. Mark Hand

Internal Address: PATENT DEPARTMENT

MERCK & CO., INC.

P.O. BOX 2000 -- RY60-30

City & State: RAHWAY, N.J. Zip: 07065-0907

6. Total no. of applications & patents involved: 1

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.

02/08/2001 DBYRNE 00000012 132755 08748073

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DO NOT USE THIS SPACE

8. 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. Mark Hand

Reg. No. 36,545

Name of Person Signing

J. Mark Hand
SignatureJAN 24, 2001
Date

Total number of pages including cover sheet, attachments, and document: 8

Do Not Detach This Portion

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

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

ASSIGNMENT AND AGREEMENT

For value received, I, W. SCOTT BORNEMAN
of 1837 HOWARD AVENUE, SAN CARLOS, CALIFORNIA 94070
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
BIOPROCESS FOR PRODUCTION OF DIPEPTIDE BASED COMPOUNDS

described in an application for Letters Patent of the United States, executed by me 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.

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

I agree that, when requested, I 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.

I 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 I have full right to convey the same as herein expressed.

I hereby authorize my attorney, JOHN W. WALLEN III 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 _____ CALIFORNIA
this 3 day of April 1995 .

W. Scott Borneman
W. Scott Borneman

ASSIGNMENT AND AGREEMENT

STATE OF CALIFORNIA
County of SAN MATEO } SS.

Personally appeared before me the above-named W. SCOTT BORNEMAN
to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be his free
act and deed this 3RD day of APRIL 1995.



Linda M. Fall
Notary Public

ASSIGNMENT AND AGREEMENT

For value received, we, MICHAEL J. CONDER AND VICTOR A. VINCI

of 752 FLOWER DRIVE, MCGAHEYSVILLE, VA 22840; AND
2041 LOCKE LANE, CHARLOTTESVILLE, VA 22901; 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
BIOPROCESS FOR PRODUCTION OF DIPEPTIDE BASED COMPOUNDS

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.

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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, JOHN W. WALLEN, III 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 ELKTON, VA this 7th day of April 1995
Michael J. Conder
Michael J. Conder
Victor A. Vinci
Victor A. Vinci

ASSIGNMENT AND AGREEMENT

For value received, I, ANIL GOYAL
of 961B VILLAGE DRIVE EAST, NEW BRUNSWICK, NEW JERSEY 08902

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
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BIOPROCESS FOR PRODUCTION OF DIPEPTIDE BASED COMPOUNDS

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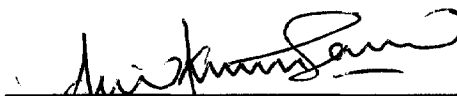
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countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

I 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 I have full right to convey the same as herein expressed.

I hereby authorize my attorney, JOHN W. WALLEN III 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 NEW BRUNSWICK, NEW JERSEY
this 31 day of March 1995


Anil Goyal