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11-03-2000

Patent Case No. 20149

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE



101505200

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

1. Name(s) of Conveying party(ies):
GUY R. HUMPHREY, ROSS A. MILLER, and WENJIE LI

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: RY60-30

Street Address: P.O. Box 2000

City & State: RAHWAY, NEW JERSEY

Zip/Postal Code: 07065-0907

Execution Date: Jul 22, 1998 Aug 5, 1998

Additional name(s) & addresses attached? ☐ Yes ☒ No

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

(a) Patent Application No(s). 09/212,227, filed on Dec 16, 1998,
and titled:
INTERMEDIATES AND PROCESS FOR THE SYNTHESIS OF AZASTEROIDS

(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: CATHERINE D. FITCH

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: 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.

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.

CATHERINE D. FITCH Reg. No. 36,502
Name of Person Signing

Catherine D. Fitch
Signature

11/10/00
Date

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

Do Not Detach This Portion

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

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

MERCK & CO., INC.

Computer generated form Merck & Co., Inc. "Recordal form" (Assignments Folder) 5/20/2000

By *[Signature]* Date *10/10/2000*

PATENT

REEL: 011194 FRAME: 0476

11/03/2000 670N11 00000041 002755 09012227

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ASSIGNMENT AND AGREEMENT

For value received, we, GUY R. HUMPHREY, ROSS A. MILLER, and WENJIE LI,

of 14 WALKER DRIVE, BELLE MEAD, NEW JERSEY 08502, 159 HELEN STREET, FANWOOD, NEW JERSEY 07023, AND AT
616 TALLY DRIVE, PITTSBURGH, PENNSYLVANIA 15237, 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

INTERMEDIATES AND PROCESS FOR THE SYNTHESIS OF AZASTEROIDS

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, CATHERINE D. FITCH 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 5th day of August 1998.



GUY R. HUMPHREY



ROSS A. MILLER


ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____

STATE OF NEW JERSEY }
County of UNION } SS.

Personally appeared before me the above-named GUY R. HUMPHREY and ROSS A. MILLER

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 5th day of August 1998



Notary Public

ANITA G. BROWN
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires April 6, 1999

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

Page 2 of 3

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

ASSIGNMENT AND AGREEMENT

Signed at _____ this _____ day of _____

STATE OF NEW JERSEY

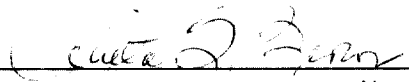
County of UNION

SS.

Personally appeared before me the above-named GUY R. HUMPHREY and ROSS A. MILLER

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 5th day of August 1998



Notary Public

ANITA G. BROWN
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires April 6, 1999

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

ASSIGNMENT AND AGREEMENT

Signed at

PPA 15213

this

22

day of

July

1998

WENJIE LI

COMMONWEALTH OF PENNSYLVANIA

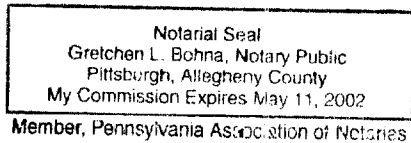
County of

Allegheny

SS.

Personally appeared before me the above-named WENJIE LI

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 22 day of July 1998



[Signature]

Notary Public

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