

10-29-1998

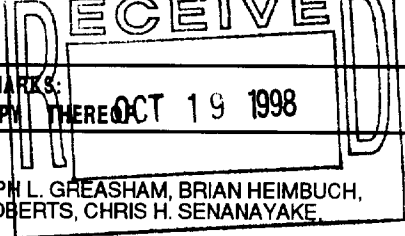
Patent Case No. 19464IA



RI

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ET

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICETO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:  
PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF

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

BARRY C. BUCKLAND, MICHEL M. CHARTRAIN, NEAL C. CONNORS, FRANCIS P. GAILLIOT, RANDOLPH L. GREASHAM, BRIAN HEIMBUCH, BARBARA A. JACKY, CHANYONG LEE, ROGER C. OLEWINSKI, JR., PAUL J. REIDER, F. EDWARD ROBERTS, CHRIS H. SENANAYAKE, THOMAS R. VERHOEVEN

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: RY60-30Street Address: P.O. Box 2000City & State: RAHWAY, NEW JERSEYZip: 07065-0907Execution Date: Oct 2, 1996 Oct 3, 1996 Oct 4, 1996  
Oct 14, 1996Additional name(s) & addresses attached? ☐ Yes ☒ No

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

(a) Patent Application No(s). 08/696,667, filed on Aug 14, 1996, and titled:

CONVERSION OF INDENE TO (1S)-AMINO-(2R)-INDANOL FREE OF ANY STEREOISOMMER, BY COMBINATION OF DIOXYGENASE BIOCONVERSION AND CHEMICAL STEPS

(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 &amp; address of party to whom correspondence concerning documents should be mailed:

Name: KENNETH R. WALTONInternal Address: PATENT DEPARTMENTMERCK & CO., INC.P.O. BOX 2000 -- RY60-30City & State: RAHWAY, N.J. Zip: 07065-0907

## 6. Total no. of applications &amp; patents involved:

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.

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## 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.

KENNETH R. WALTON Reg. No. 32,951

Name of Person Signing

Kenneth R. Walton  
SignatureOct 16, 1998  
DateTotal number of pages including cover sheet, attachments, and document: 7

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Mail documents to be recorded with the required cover sheet information to: Commissioner of Patents and Trademarks  
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01 FC:581 40.00 CH

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Rev. 8/5/93

PATENT  
REEL: 9531 FRAME: 0746

**ASSIGNMENT AND AGREEMENT**

For value received, we, BARRY C. BUCKLAND, MICHEL M. CHARTRAIN, NEAL C. CONNORS,  
FRANCIS P. GAILLIOT, RANDOLPH L. GREASHAM, BRIAN HEIMBUCH,  
BARBARA A. JACKY, CHANYONG LEE, ROGER C. OLEWINSKI, JR.,  
PAUL J. REIDER, F. EDWARD ROBERTS, CHRIS H. SENANAYAKE, THOMAS R. VERHOEVEN

of 628 BOULEVARD, WESTFIELD, NJ 07090; 1213 BOULEVARD, WESTFIELD NJ 07090;  
150 SECOND STREET, FANWOOD, NJ 07023; 3 BROOKDALE ROAD, CRANFORD NJ 07016;  
460 BAYBERRY LANE, MOUNTAINSIDE, NJ 07902; 283 CONSTITUTION CIRCLE, NORTH BRUNSWICK, NJ 08902;  
166 BROUGHTON AVENUE, BLOOMFIELD, NJ 07003; 50 BEAR BROOK ROAD, PRINCETON, NJ 08540;  
18 HAIG AVENUE, MILLTOWN, NJ 08850; 621 KIMBALL AVENUE, WESTFIELD NJ 07090;  
220 VALLEY ROAD, PRINCETON, NJ 08540; 32 RIVERBEND DRIVE, NORTH BRUNSWICK, NJ 08902;  
19 BLOOMINGDALE AVENUE, CRANFORD, NJ 07065

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

CONVERSION OF INDENE TO (IS)-AMINO-(2R)-INDANOL FREE OF ANY STEREOISOMER, BY COMBINATION OF  
DIOXYGENASE BIOCONVERSION AND CHEMICAL STEPS

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.

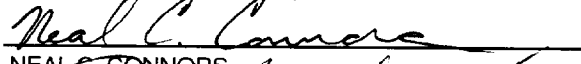
We hereby authorize our attorney, MARY A. APPOLLINA or an attorney with Power of Attorney in this application, of  
the said MERCK & CO., Inc., to insert **Serial No.**, and **Filing Date** of said application(s) when known.

Signed at RAHWAY, NEW JERSEY

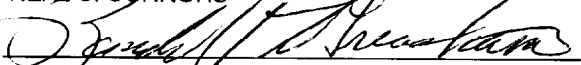
this 4th day of OCTOBER, 1996.



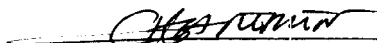
THOMAS R. VERHOEVEN



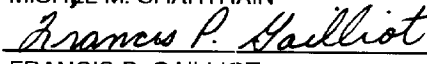
NEAL C. CONNORS



RANDOLPH L. GREASHAM



MICHEL M. CHARTRAIN



FRANCIS P. GAILLIOT

ASSIGNMENT AND AGREEMENT

Signed at RAHWAY, NEW JERSEY this 4th day of OCTOBER, 1996.

Barbara Jackey  
BARBARA JACKEY

Chanyong Lee  
CHANYONG LEE

Roger C. Olewinski, Jr.  
ROGER C. OLEWINSKI, JR.

Paul J. Reider  
PAUL J. REIDER

STATE OF NEW JERSEY

County of UNION

SS.

Personally appeared before me the above-named THOMAS R. VERHOEVEN NEAL C. CONNORS RANDOLPH L. GREASHAM  
MICHEL M. CHARTRAIN FRANCIS P. GAILLIOT

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 4th day of OCTOBER, 1996.

Elizabeth Aitken  
Notary Public

STATE OF NEW JERSEY

County of UNION

SS.

ELIZABETH AITKEN  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Nov. 17, 1999

Personally appeared before me the above-named BARBARA JACKEY CHANYONG LEE ROGER C. OLEWINSKI, JR. PAUL  
J. REIDER

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 4th day of OCTOBER, 1996.

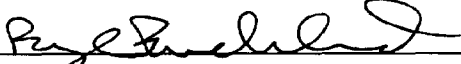
Elizabeth Aitken  
Notary Public

ELIZABETH AITKEN  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Nov. 17, 1999

Page 2 of 6

**ASSIGNMENT AND AGREEMENT**

Signed at RAHWAY, NEW JERSEY this 3 day of OCT. 1996

  
BARRY C. BUCKLAND

STATE OF NEW JERSEY  
County of UNION } SS.

Personally appeared before me the above-named BARRY C. BUCKLAND

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 3 day of OCTOBER, 1996

ELIZABETH AITKEN  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Nov. 17, 1999

  
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

ASSIGNMENT AND AGREEMENT

Signed at RAHWAY, NEW JERSEY this 2nd day of October, 1996

*F. Edward Roberts*  
F. EDWARD ROBERTS

STATE OF NEW JERSEY  
County of UNION } SS.

Personally appeared before me the above-named F. EDWARD ROBERTS

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 2nd day of OCTOBER, 1996

ELIZABETH AITKEN  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Nov. 17, 1999

*Elizabeth Aitken*  
Notary Public

Signed at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_

THOMAS R. VERHOEVEN

STATE OF NEW JERSEY  
County of UNION } 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 RAHWAY, NEW JERSEY

this 4th day of OCTOBER, 1996.

Brian Heimbuch

BRIAN HEIMBUCH

STATE OF NEW JERSEY

County of UNION

} SS.

Personally appeared before me the above-named BRIAN HEIMBUCH

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 4th day of OCTOBER, 1996

ELIZABETH AITKEN  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Nov. 17, 1999

Elizabeth Aitken

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

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ASSIGNMENT AND AGREEMENT

Signed at Matthbrough MA this 14 day of Oct. 1996.  
CITS

Chris H. Senanayake  
CHRIS H. SENANAYAKE

State of Massachusetts }  
County of Middlesex } SS.

Personally appeared before me the above-named CHRIS H. SENANAYAKE

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 14 day of October 1996.

Susan A. Geller  
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

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