

06-19-2001



101753980

To the Honorable Commissioner of Patents

Filed original documents or copy thereof

1. Submission Type:

- New
- Resubmission (Non-Recordation)  
Document ID# \_\_\_\_\_
- Correction of PTO Error  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_
- Corrective Document  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

Data Element in Question : \_\_\_\_\_

Type:

- Assignment
- License
- Merger
- Security Agreement
- Change of Name
- Other \_\_\_\_\_

US. GOVERNMENT

(For Use ONLY by U.S. Government Agencies)

- Departmental File
- Secret File

Total No. of pages of conveyance document including attachments

4. Name of conveying party(ies):

- <sup>1</sup>Cahoon, Edgar B.
- <sup>2</sup>Cahoon, Rebecca E.
- <sup>3</sup>Hitz, William D.
- <sup>4</sup>Kinney, Anthony J.

Additional name(s) of conveying party(ies) attached?  Yes  No

Execution Date: <sup>1</sup>3/2/2000      <sup>2</sup>2/25/2000  
<sup>3</sup>3/3/2000      <sup>4</sup>3/3/2000

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

**E. I. DU PONT DE NEMOURS AND COMPANY  
LEGAL PATENTS  
1007 MARKET STREET  
WILMINGTON, DELAWARE 19898**

Additional name(s) & address(es) attached?  Yes  No

5. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): **PCT/US99/28589**  
Docket No.: **BB-1264 PCT**

B. Patent No.(s):

Additional numbers attached:  Yes  No

6. Correspondent Name & Address:

**KENING LI  
E. I. DU PONT DE NEMOURS AND COMPANY  
LEGAL-PATENTS  
1007 MARKET STREET  
WILMINGTON, DELAWARE 19898**

7. Total number of applications and patents involved: 1

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

- Enclosed (Check No.: \_\_\_\_\_)
- Authorized to be charged to deposit account

9. Deposit account number: 04-1928

(Attach duplicate copy of this page if paying by deposit account)

06/18/2001 DBYRNE 00000169 041928 PCTUS9928589  
01 FC:581 40.00 CH

DO NOT USE THIS SPACE

10. 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.

**CAROL REEDER**  
**SENIOR LEGAL CLERK**

*Carol Reeder*  
Signature

6/7/2001  
Date

Total number of pages comprising cover sheet: 1

# ASSIGNMENT

We, the undersigned

**CAHOON, Edgar B., CAHOON, Rebecca E., HITZ, William D.  
and KINNEY, Anthony J.**

Hereby declare that

We are the true and first inventors of an invention relating to

## MEMBRANE-BOUND DESATURASES

which is disclosed in PCT International Application, **PCT/US99/28589** filed the **02ND** day of **DECEMBER, 1999** (Case No. **BB1264PCT**); in which the United States of America is a designated state for Letters Patent; and, for valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby sell, assign, and transfer unto E. I. du Pont de Nemours and Company, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, the entire right, title, and interest in and to the aforesaid application for Letters Patent, including any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property for any and all member countries of the aforesaid International Convention, and the entire right, title and interest in and to any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, and in and to any and all applications for Letters Patent for any such inventions in any country whatsoever, and in and to any and all patents for any such inventions in any country whatsoever, with the sole right to file such applications in its name or ours, including the sole right to file such applications under the aforesaid International Convention, together with the sole right to have said patents granted in its name or ours and to enforce said patents and to sue for and recover profits and damages for any and all infringements thereof, and hereby agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said inventions, to testify in any legal proceeding, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

Edgar B. Cahoon (L.S.)  
**CAHOON, Edgar B.**

DATE: 3/2/2000

William D. Hitz (L.S.)  
**HITZ, William D.**

DATE: 3/3/2000

Rebecca E. Cahoon (L.S.)  
**CAHOON, Rebecca E.**

DATE: 2/25/2000

Anthony J. Kinney (L.S.)  
**KINNEY, Anthony J.**

DATE: 3 MAR 2000