

09-03-2002



102210178

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- (1) Timothy E. BENSON
- (2) Jim D. DURBIN
- (3) Thomas L. EMMONS
- (4) Alfredo G. TOMASSELLI

09-26-02

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

3. Nature of conveyance:

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

Execution Date: (1) July 26, 2002; (2) July 26, 2002;  
(3) July 29, 2002; and (4) July 29, 2002, respectively.

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

Name: PHARMACIA & UPJOHN COMPANY

Street Address: 301 HENRIETTA STREET

City: KALAMAZOO State: MI ZIP: 49001

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

OFFICE OF PUBLIC RECORDS  
2002 AUG 26 AM 9:57  
FINANCE SECTION

4. 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). 10/143,502

B. Patent No(s).

Title: **CRYSTALLIZATION AND STRUCTURE DETERMINATION OF BETA SECRETASE AND/OR BETA SECRETASE-LIKE PROTEINS**

Additional numbers attached?  Yes  No

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

Name: Ann M. Mueting  
Address: MUETING, RAASCH & GEBHARDT, P.A.  
P.O. Box 581415  
Minneapolis, MN 55458-1415

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR §3.41): \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to Deposit account number: 13-4895

Customer Number 26813

08/30/2002 TBIAZI 00000100 10143502

01 FC:581

40.00 CR

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is an original or a true copy of the original document.

Loren D. Albin (Reg. No. 37,763)

AUGUST 26, 2002

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document(s): 4

Mail documents to be recorded with required cover sheet information to:  
Commissioner, United States Patent and Trademark Office  
Box Assignments  
Washington, D.C. 20231

**PATENT**  
**REEL: 013233 FRAME: 0335**

**ASSIGNMENT**

**Title:** CRYSTALLIZATION AND STRUCTURE DETERMINATION OF BETA  
SECRETASE AND/OR BETA SECRETASE-LIKE PROTEINS  
**Inventors:** Timothy E. Benson, Jim D. Durbin, Thomas L. Emmons and Alfredo G. Tomasselli  
**Serial No.:** 10/143,502 **Filing Date:** May 10, 2002  
**Docket No.** 00516.US1 **Country:** US  
**Execution Date of Application:** May 10, 2002

As a below-named inventor, I hereby declare that:

My mailing address is as stated below under my signature and I am named as inventor of the inventions or discoveries (herein INVENTIONS) as described in the patent application (herein APPLICATION) identified above. In view of valuable consideration, receipt thereof is hereby acknowledged, I do hereby assign and transfer unto PHARMACIA & UPJOHN COMPANY, a corporation of the State of Delaware having a place of business at Kalamazoo, Michigan, its successors and assigns, my entire interest in and the full and exclusive right to the INVENTIONS, the APPLICATION and all related applications (including all divisions, reissues, continuations, and extensions thereof) and all counterparts in other countries, and any and all Letters Patent (and certificates of invention or similar certificates) (herein PATENTS) which may be granted based upon the INVENTIONS or the APPLICATION or related applications or counterparts in other countries; said transfer and assignment being applicable throughout the world. I hereby authorize and request officials of patent offices in any and all countries of the world to issue any and all of the PATENTS, when granted, to PHARMACIA & UPJOHN COMPANY, its successors and assigns, as the assignee of my entire right, title, and interest in and to the same. I agree that I will communicate to PHARMACIA & UPJOHN COMPANY, or its representatives, any facts known to me respecting the invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment papers to cause any and all of the PATENTS to be issued to PHARMACIA & UPJOHN COMPANY; make all rightful oaths; and generally do everything possible to aid PHARMACIA & UPJOHN COMPANY, its successors and assigns, to obtain and enforce proper protection for the INVENTION in any and all countries throughout the world.

FULL NAME OF FIRST/SOLE INVENTOR:

Signature of Inventor: Timothy E. Benson  
**Timothy E. BENSON**

Residence: 2690 Timberleaf Lane  
Kalamazoo, Michigan 49006

STATE OF MICHIGAN  
COUNTY OF KALAMAZOO

On 26 July 2002, the above named inventor personally appeared before me and executed the foregoing instrument and acknowledged the same to be his free act and deed in and for the purposes set forth in said instrument.

SEAL

Debra J. Marquette  
Notary Public **DEBRA J. MARQUETTE**  
Notary Public, Kalamazoo County, MI  
My Commission Expires 9/25/2004

FULL NAME OF SECOND/JOINT INVENTOR:

Signature of Inventor: Jim D. Durbin  
**Jim D. DURBIN**

Residence: 4822 Idlewood Ave.  
Portage, Michigan 49024

STATE OF MICHIGAN  
COUNTY OF KALAMAZOO

On 26 July 2002, the above named inventor personally appeared before me and executed the foregoing instrument and acknowledged the same to be his free act and deed in and for the purposes set forth in said instrument.

SEAL

Debra J. Marquette  
Notary Public **DEBRA J. MARQUETTE**  
Notary Public, Kalamazoo County, MI  
My Commission Expires 9/25/2004

FULL NAME OF THIRD/JOINT INVENTOR:

Signature of Inventor:

*Thomas L. Emons*  
Thomas L. EMMONS

Residence: 10205 South Westnedge Avenue  
Portage, Michigan 49002

STATE OF MICHIGAN  
COUNTY OF KALAMAZOO

On 29 July 2002, the above named inventor personally appeared before me and executed the foregoing instrument and acknowledged the same to be his free act and deed in and for the purposes set forth in said instrument.

SEAL

*Debra J. Marquette*  
Notary Public DEBRA J. MARQUETTE  
Notary Public, Kalamazoo County, MI  
My Commission Expires 9/25/2004

FULL NAME OF FOURTH/JOINT INVENTOR:

Signature of Inventor:

*Alfredo G. Tomasselli*  
Alfredo G. TOMASSELLI

Residence: 2503 Cuttysark Drive  
Kalamazoo, Michigan 49009

STATE OF MICHIGAN  
COUNTY OF KALAMAZOO

On 29 July 2002, the above named inventor personally appeared before me and executed the foregoing instrument and acknowledged the same to be his free act and deed in and for the purposes set forth in said instrument.

SEAL

*Debra J. Marquette*  
Notary Public DEBRA J. MARQUETTE  
Notary Public, Kalamazoo County, MI  
My Commission Expires 9/25/2004