Docket No.: 5003 05-22-2000 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar 5.8.00 P08/REV02 Tab settings → → 101363773 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): TRINH D. PHUNG, THOMAS E. MARTIN, MATTHEW L. PARSONS, AND MICHAEL A. GENZYME CORPORATION Name: VALERIO Internal Address: ☐ Yes 🛛 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Street Address: ONE KENDALL SQUARE ☐ Merger ■ Assignment ☐ Change of Name ☐ Security Agreement City: CAMBRIDGE _____ State: MA ZIP: 02139 ☐ Other Execution Date: APRIL 18, 2000 Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 09/491,999 Additional numbers attached?

Yes

No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: GENZYME CORPORATION 7. Total fee (37 CFR 3.41):....\$ 40.00 Name: Internal Address: LEGAL DEPARTMENT Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account Street Address: 15 PLEASANT ST. CONNECTOR 8. Deposit account number: 07-1074 City: FRAMINGHAM State: MA ZIP: 01701 DO NOT USE THIS SPACE 05/19/2000 DNGUYEN 00000172 071074 09491999 40.00 CH 01 FC:581 9. Statement and signature hue and correct and any attached copy is a true copy To the best of my knowledge and belief, the foregoing information of the original document. MAY 4, 2000

Signature

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

Richard D. Allison, Reg. No. 31,584

Name of Person Signing

REEL: 010791 FRAME: 0761

Date

ASSIGNMENT

WHEREAS, We, TRINH D. PHUNG, THOMAS E. MARTIN, MATTHEW L. PARSONS, and MICHAEL A. VALERIO residing respectively at Attleboro, MA 02703, Riverside, RI 02915, Randolph, MA 02368, and Wrentham, MA 02093 have made a new and useful invention described in a national application for Letters Patent of the United States, entitled

SUTURE ORGANIZING DEVICE FOR SURGICAL RETRACTOR AND METHODS RELATED THERETO

filed on January 26, 2000 in the United States Patent and Trademark Office and having Serial No. 09/491,999, the filing date and serial number of which, when known, may be inserted herein; and

WHEREAS, Genzyme Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at One Kendall Square, Cambridge, Massachusetts 02139, U.S.A., desires to acquire our entire right, title and interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories, and all foreign countries, including but not limited to Canada, in and to any and all said inventions as described in said national application, together with our entire right, title and interest in and to the said national application and all U.S. and foreign applications which correspond to or claim priority therefrom (including any provisional, substitution, divisional, continuation, continuing prosecution or continuation-in-part applications and the like), and all Letters Patent which issue from any of the above, including re-issues, re-examinations, and extensions thereof; said inventions, applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said inventions, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world, including but not limited to Canada, any and all Letters Patent by attorneys and agents of ASSIGNEE'S selection and the right to procure the grant of, license, and enforce all such Letters Patent to ASSIGNEE for its own name as ASSIGNEE of our entire right, title and interest therein:

> PATENT REEL: 010791 FRAME: 0762

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid inventions, applications and Letters Patent to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, including but not limited to Canada, and the execution of said aforementioned provisional, substitution, divisional, continuation, continuing prosecution or continuation-inpart applications, and all Letters Patent which issue from any of the above, including reissues, re-examinations, and extensions thereof, and preliminary or other statements and the giving of testimony in any interference or any other legal proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND, we hereby further Covenant with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us, and that full right to convey the same as herein expressed is possessed by us.

Inventor TRINH D. PHUNG	Mg Date 4/18/00
State of Mass	
County of Bristol SS:	
	me the above-named Trinh D. Phung and oing instrument as his free act and deed this

PATENT REEL: 010791 FRAME: 0763

. / /

Signature Inventor THOMAS E. MARTIN	Date 4-18-2000
State of MASS	
County of BristoL SS:	
	re me the above-named Thomas E. Martin and egoing instrument as his free act and deed this, 2000.
(SEAL)	James J. Lawy (print name)
	My commission expires
	James 1. Lally Notary Public My Commission Expires May 21, 2004
Signature MATTHEW L. PARS	Date 4/18/00 ONS
State of Mass	
County of BR: STOL SS:	
Then personally appeared before acknowledged that he executed the fore	re me the above-named Matthew L. Parsons and egoing instrument as his free act and deed this, 2000.
(SEAL)	James 5. Lacey (print name)
	My commission expires
	James J. Lally Notary Public My Commission Expires May 21, 2004

Assignment U.S. Serial No. <u>09/491,999</u> Page 3

> PATENT REEL: 010791 FRAME: 0764

Assignment U.S. Serial No. <u>09/491,999</u> Page 4

Signature	1 Africhael (ela	leus I	Date O	4/18/2000
Inventor	MICHAEL A. VALERIO			
State of	Mnss)			
County of _	BRISTOL) SS:			
acknowledg	n personally appeared before a ed that he executed the foregon day of APRIC	oing instrument as h		
(SEAL)		January	July	Notary Public
		" JAMES J	LALLY	(print name)
		My commission	expires <u></u>	
		nst No My	nes J. Lally ary Public Commission Ex	pires May 21, 2004

PATENT REEL: 010791 FRAME: 0765

TRANSMITTAL LETTER (General - Patent Pending)

Docket No. 5003

In Re Application Of:

TRINH D. PHUNG ET AL.

Serial No.

Filing Date

Examiner

Group Art Unit

09/491,999

JANUARY 26, 2000

UNASSIGNED

3731

Title:

SUTURE ORGANIZING DEVICE FOR SURGICAL RETRACTOR AND METHODS RELATED THERETO

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

- 1. RECORDATION FORM COVER SHEET; AND
- 2. ASSIGNMENT

in the above identified application.

- No additional fee is required.
- A check in the amount of

is attached.

The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. as described below. A duplicate copy of this sheet is enclosed.

07-1074

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- \$40.00
- \boxtimes Credit any overpayment.
- Charge any additional fee required. X

Dated: MAY 4, 2000

RICHARD D. ALLISON, REG. NO. 31,584

GENZYME CORPORATION LEGAL DEPARTMENT

15 PLEASANT ST. CONNECTOR

FRAMINGHAM, MA 01701-9322

TEL.: (508) 270-2583 FAX: (508) 872-5415

certify that this document and fee is being deposited in MW 5,2000 with the U.S. Postal Service as first class hail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Michele Silver

Typed or Printed Name of Person Mailing Correspondence

CC:

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PATENT REEL: 010791 FRAME: 0766

P16A/REV01

TRANSMITTAL LETTER (General - Patent Pending)			Docket No. 5003			
In Re Application Of:						
TRINH D. PHUNG ET AL.						
Serial No. 09/491,999	Filing Date JANUARY 26, 2000	Examiner UNASSIGNED	Group Art Unit 3731			
Title: SUTURE ORGANIZING DEVICE FOR SURGICAL RETRACTOR AND METHODS RELATED THERETO						
TO THE ASSISTANT COMMISSIONER FOR PATENTS:						
Transmitted herewith is:	1. RECORDATION FORM COVER SHEET; AND 2. ASSIGNMENT					

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Charge any additional fee required.

Dated: MAY 4, 2000

RICHARD D. ALLISON, REG. NO. 31,584

RECORDED: 05/08/2000

GENZYME CORPORATION

LEGAL DEPARTMENT

15 PLEASANT ST. CONNECTOR

FRAMINGHAM, MA 01701-9322

TEL.: (508) 270-2583 FAX: (508) 872-5415

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Signature of Person Mailing Correspondence

Michele Silver

Typed or Printed Name of Person Mailing Correspondence

CC:

P16A/REV01

REEL: 010791 FRAME: 0767