Parm PTO-1595 (Rev 08/05) OMB No. 0651-0027 (axp. 6/30/2005)	U.S. Department of COMMERCE United States Patent and Trademark Office
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To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.	
1. Name of conveying party(ies): Genzyme Corporation  Additional name of conveying party(les) attached?   Yes  No	Name and address of receiving party(les)  Name: Genzyme Therapeutics Products Limited Partnership  Internal Address:
Nature of conveyance:     Execution Date(s)	Street Address: 500 Kendall Street
	City: Cambridge State: MA
Executive Order 9424, Confirmatory License  Other	Country: United States of America Zip: 02142.  Additional Name(s) & address(es) attached?   Yes  No
4. Application number(s) or patent number(s):  A. Patent Application No.(s)  10/814,025 filed March 31, 2004  10/861,041 filed June 4, 2004  Additional numbers attributes.	This document is being filed together with a new application.  B. Patent No.(s) 5,236,838 issued August 17, 1993 5,549,892 Issued August 27, 1996 6,451,600 Issued September 17, 2002 ached? □ Yes ☑ No
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents Involved: 5
Name <u>: Jennifer L. Dupre</u>	7. Total fee (37 CFR 1.21(h) & 3.41) \$
Internal Address: Genzyme Therapeutics Products Limited Partnership  Street Address: 500 Kendall Street	<ul> <li>□ Authorized to be charged by credit card</li> <li>□ Authorized to be charged to deposit account</li> <li>□ Enclosed</li> <li>□ None required (government interest not affecting title)</li> </ul>
Clty: Cambridge	8. Payment information
State; MA Zip: 02142  Phone Number: 617-768-6523  Fax Number: 617-252-7553	a. Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number 07-1074
Email Address: jennifer.dupre@genzyme.com	Authorized User Name
9. Signature:	December 13, 2006
Signature  Jennifer L. Dupre, Reg. No. 41,722	Total number of pages including cover sheet, attachments, and documents

arne of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 018627 FRAME: 0293

## PATENT ASSIGNMENT AGREEMENT

THIS AGREEMENT is effective as of November 16,2006 and is made by and among Genzyme Corporation, a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 500 Kendall Street, Cambridge, Massachusetts, 02142 (hereinafter "ASSIGNOR"), and Genzyme Therapeutic Products Limited Partnership, a Massachusetts Limited Partnership organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 500 Kendall Street, Cambridge, Massachusetts 02142 (hereinafter "ASSIGNEE").

Whereas, ASSIGNOR is the sole owner of the entire right title and interest in and to certain United States patents and patent applications set forth in Appendix A attached hereto and made apart hereof (hereinafter "the Patents Rights"); and

Whereas, ASSIGNEE desires to acquire ASSIGNOR's right, title and interest in the Patent Rights in accordance with agreements duly entered into with ASSIGNOR;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, the ASSIGNOR has sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, ASSIGNOR's right, title and interest in and throughout the United States of America to the Patent Rights, together with ASSIGNOR's entire right, title and interest in and to the said applications and patents and all U.S. applications which correspond to or claim priority therefrom (including any divisional, continuation, continuing prosecution or continuation-in-part applications and the like), and all U.S. Patents which issue from any of the above, including re-issues, re-examinations, and extensions thereof, said Patent Rights 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 U.S. Patent may be granted as fully and entirely as the same would have been held by the ASSIGNOR had this assignment not been made.

GENZYME CORPORATION

Name: Thomas J. Deskosier Title: Senior Vice President,

General Counsel,

Chief Patent Counsel

Date November 16, 2006

PATENT REEL: 018627 FRAME: 0294 State of Massachusetts County of Middlesex, ss:

Then personally appeared before me the above-named

Thomas J. DesRosier and proved to me through satisfactory evidence of identification, to be the person whose name is signed on the foregoing instrument and acknowledged to me that he signed it voluntarily for its stated purpose this 16th day of CENTREX ROSEX November, 2006.

(SEAL)

Notary Public:

My commission expires:

MARY ELLEN HAMILTON
Notary Public
Commonwealth of Massachusetts
My Commission Expires
June 11, 2010

PATENT REEL: 018627 FRAME: 0295

## Appendix A

Patent No. 5,236,838 issued August 17, 1993 (Application No. 07/748,283 filed August 21, 1991) entitled Enzymatically Active Recombinant Glucocerebrosidase

Patent No. 5,549,892 issued August 27, 1996 (Application No. 08/080,855 filed June 21, 1993) entitled Enhanced In Vivo Uptake of Glucocerebrosidase

Patent No. 6,451,600 issued September 17, 2002 (Application No. 08/442,603 filed May 17, 1995) entitled Enzymatically Active Recombinant Glucocerebrosidase

Application No. 10/814,025 filed March 31, 2004 entitled Enzymatically Active Recombinant Glucocerebrosidase, Pending

Application No. 10/861,041 filed June 4, 2004 entitled Enzymatically Active Recombinant Glucocerebrosidase, Pending

PATENT REEL: 018627 FRAME: 0296

**RECORDED: 12/13/2006**