504018713 09/23/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

1 EPAS ID: PAT4065370

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| JAMES STEFANO | 04/05/2006 |

RECEIVING PARTY DATA

| Name: | GENZYME CORPORATION | |
|-----------------|---------------------|--|
| Street Address: | 500 Kendall Street | |
| City: | Cambridge | |
| State/Country: | MASSACHUSETTS | |
| Postal Code: | 02142 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 14534328 | |

CORRESPONDENCE DATA

Fax Number: (908)981-7830

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 508-616-4689

Email: GlobalPatent.eFlow@sanofi.com

Correspondent Name: LISA RASMUSSEN
Address Line 1: 55 CORPORATE DRIVE
Address Line 2: MAIL STOP: 55A-505A

Address Line 4: BRIDGEWATER, NEW JERSEY 08807

| ATTORNEY DOCKET NUMBER: | 5298-US-CNT2 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | LISA RASMUSSEN |
| SIGNATURE: | /Lisa Rasmussen/ |
| DATE SIGNED: | 09/23/2016 |

Total Attachments: 1

source=5298USPSP_20060405_Executed_Assignment#page1.tif

PATENT 504018713 REEL: 039838 FRAME: 0389

Attorney Docket No. 07680.0048-00000 (Worldwide Rights)

ASSIGNMENT

WHEREAS I, the below named inventor, hereinafter referred to as Assignor, have made an invention entitled:

TARGETING OF GLYCOPROTEIN THERAPEUTICS

for which I filed an application for United States Letters Patent on April 6, 2005 (Application No. 60/668,920) and executed an application for United States Letters Patent and a PCT International Application concurrently herewith; and

WHEREAS, Genzyme Corporation, a corporation of Massachusetts whose post office address is 500 Kendall Street, Cambridge, Massachusetts 02142 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention, provisional Application No. 60/668,920, filed April 6, 2005, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application, as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set our hands.

| County of Middle | /s/x) | Name: | James STEFANO | |
|--------------------|--|---------------------|----------------------|----------|
| |) \$5. | Address; | 199 Saddle Hill Road | |
| |) | _ | Hopkinton, MA 01748 | <u> </u> |
| State of Massa | huserts) | By: | 1/5/06 | |
| | | Date: | ()4/5/06 | |
| Subscribed and swi | J111 10 0 0 0 10 10 10 10 10 10 10 10 10 | day of <u>Horal</u> | _, 2006 | |

Page 1 of 1

RECORDED: 09/23/2006