

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GERALD F. COX	10/25/2010
LAURA P. ANDREWS	11/02/2010
JAMES M. MURRAY	10/29/2010
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:	15485604
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	06923-271-999
NAME OF SUBMITTER:	DEBBIE WU
SIGNATURE:	/Debbie Wu/
DATE SIGNED:	06/27/2018
Total Attachments: 2	
source=06923-159-999 Inventors (Cox, Andrews, and Murray) to Genzyme#page1.tif	
source=06923-159-999 Inventors (Cox, Andrews, and Murray) to Genzyme#page2.tif	

ASSIGNMENT

WHEREAS, WE, **Gerald F. Cox**, a U.S. citizen residing at 48 Avon Circle, Needham, MA 02494, **Laura P. Andrews**, a U.S. citizen residing at 32 Farm Road, Bolton, MA 01740 and **James M. Murray**, a U.S. citizen residing at 42 Wachusett Circle, Shrewsbury, MA 01545, ASSIGNORS, are the co-inventors with **Edward H. Schuchman** and **Robert J. Desnick**, both citizens of the United States, residing at 300 Lakeshore Drive, Haworth, NJ 07641 and 170 East 93rd Street, New York, NY 10128, respectively, of the invention in DOSE ESCALATION ENZYME REPLACEMENT THERAPY FOR TREATING ACID SPHINGOMYELINASE DEFICIENCY for which we have executed an application for a Patent of the United States

- which is identified by Jones Day docket nos. 6923-159-999 and 6923-159-228, respectively
- was filed in the United States as U.S. Patent Application No. 12/870,790 on August 28, 2010
- was filed as PCT International Application No. PCT/US2010/047057 on August 28, 2010

and WHEREAS, **Genzyme Corporation**, ASSIGNEE and existing under the laws of the state of Massachusetts, and having an office for the transaction of business at 500 Kendall St., Cambridge, MA 02142, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

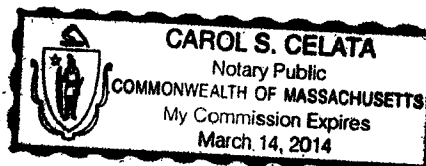
Date October 25, 2010, Gerald F. Cox L.S.
Gerald F. Cox

State of MASSACHUSETTS)
) SS.:
County of MIDDLESEX)

On OCTOBER 25, 2010, before me, CAROL S. CELATA Notary Public, personally appeared **Gerald F. Cox**, personally known to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Carol S. Celata



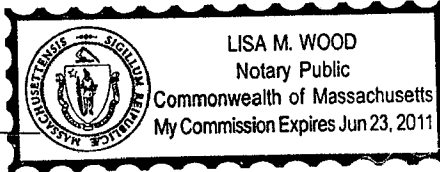
Date Nov. 02, 2010, 2010 Laura P. Andrews L.S.
Laura P. Andrews

State of Massachusetts)
County of Middlesex) SS.:

On 2nd November 2010, before me, LISA M. Wood, Notary Public, personally appeared **Laura P. Andrews**, personally known to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in his authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Lisa M. Wood



Date Novth October 29, 2010 James M. Murray L.S.
James M. Murray

State of Massachusetts)
County of Middlesex) SS.:

On 29th October, 2010, before me, LISA M. Wood, Notary Public, personally appeared **James M. Murray**, personally known to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity), and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Lisa M. Wood

