## 503390304 07/14/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3436929

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ELYSE BOURQUE	05/04/2012
CASSANDRA CELATKA	05/04/2012
BRADFORD HIRTH	04/16/2012
KATHERINE JANCSICS	05/02/2012
MARKUS METZ	05/07/2012
RENATO SKERLJ	04/12/2012
YIBIN XIANG	05/07/2012
ZHONG ZHAO	05/08/2012
ANDREW GOOD	03/13/2012

### **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 2**

Property Type	Number
Application Number:	14030725
Application Number:	14471958

#### CORRESPONDENCE DATA

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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.

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**ATTORNEY DOCKET NUMBER:** 5664 US CNT-CNT2

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NAME OF SUBMITTER:	LISA RASMUSSEN	
SIGNATURE:	/Lisa Rasmussen/	
DATE SIGNED:	07/14/2015	
Total Attachments: 10		
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#### ASSIGNMENT

WHEREAS, We, Elyse Bourque, Cassandra Celatka, Bradford Hirth, Katherine Janesics, Markus Metz, Renato Skerlj, Yibin Xiang, Zhong Zhao, and Andrew Good have made a new and useful invention described in a national application for Letters Patent in the United States, entitled

#### GLUCOSYLCERAMIDE SYNTHASE INHIBITORS

filed on March 18, 2011 in the United States Patent and Trademark Office and having Serial No. 61/454.034; 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 500 Kendall Street, Cambridge, Massachusetts 02142, 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:

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

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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-in-part 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.

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Signature / 5/2	
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	bove-named <u>Elvse Bourque</u> and acknowledged ent as his/her free act and deed this
(SEAL)	14/9/ W. Sonary Public 18/4/ LE 18/19/ (print name)
TARYN LEE ANTALEN  COMMONWEACH OF MESSACHUSETTS	My commission expires: 9448 15, 2012

June 15, 2018

Signature inventor County of Then personally appeared before me the above-named Cassandra Celatka and ackpytyledged that be shoppecouled the foregoing instrument as his her free act and deed this \_\_day of \_\_//\_//// Almany Public chanchaneacht chr manachtaineacht i NA Commission Komes My commission expires: \ Ann III, MIN Signature Date Inventor Bradford Hirth Simple of ..... County of \_\_\_\_\_\_\_ sx: Then personally appeared before me the above-named Bradford Hirth and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this day of \_\_\_\_\_\_, 2012. (SEAL) (prim manu)

My commission expires:

Assignment

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Signature Cassandra Celatka Inventor State of \_\_\_\_\_\_\_) ss: Then personally appeared before me the above-named Cassandra Celatka and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this \_\_\_\_\_day of \_\_\_\_\_\_\_, 2012. (SEAL) \_\_\_\_\_ Notary Public \_\_\_\_\_(print name) My commission expires: Date 4/16/12 Signature Inventor Then personally appeared before me the above-named Bradford Hirth and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this day of <u>April</u>, 2012. <u> Μάμρβαινημη</u> Notary Public <u>LirxBay D. Serman</u> (print name) (SEAL) IBYOSAY D. BERMAN NOTAY POLC COMMONELLY OF ALSEADERS MY COMMISCH SERRE SPIRAR S, 2014 My commission expires: Spanners, 2014

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Signature Signature Inventor Kathering Janesies State of State of Signature State of Signature State of Signature Si	Date 5/3//3
	bregoing instrument as his/her free act and deed this
Signature Inventor Markus Metz State of)	Date
County of) ss: Then personally appeared before me the	above-named <u>Markus Metz</u> and acknowledged that as his/her free act and deed thisday
(SEAL)	Notary Public (print name)

U.S. Serial No. <u>61/454.034</u> Page 4 Signature Date Katherine Janesics Inventor State of \_\_\_\_\_\_County of \_\_\_\_\_ Then personally appeared before me the above-named Katherine Janesics and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this \_\_\_\_\_day of \_\_\_\_\_\_, 2012. (SEAL) \_\_\_\_\_Notary Public \_\_\_\_\_(print name) My commission expires: Date 05/07/2012 Signature Inventor State of \\\ Then personally appeared before me the above-named Markus Metz and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this \_\_\_\_\_\_ day

LINDSAY D. BERMAN JUYDA D. GLANG/Notary Public NOTARY PUBLIC COMMONWEALTH OF MADSACTION MY COMMISSION DOWN COM

My commission expires: Years 5 Jon

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(SEAL)

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Assignment U.S. Serial No. 61/454,034 Page 5	
Signature Inventor Renato Skerij  State of Management State of Management Skerij  County of Management Skerij  State of Management Skerij  State of Management Skerij  State of Management Skerij  State of Management Skerij	Date 4/12/12
Then personally appeared before me the he/she executed the foregoing instrumen of ACCO 2012.  EAL INOSAY D. BERMAN NOTABY PUBLIC COMMONWEALTH OF MASSACHUSETTS MY COMMISSION ESPERS SETEMBLE 3, 2014	above-named Renato Skerli and acknowledged that t as his/her free act and deed this day  Dividual Common (print name)  My commission expires:
Signature Inventor Yibin Xiang  State of	Date
Then personally appeared before me the a he/she executed the foregoing instrument of, 2012.	above-named Yibin Xiang and acknowledged that as his/her free act and deed this day
(SEAL)	Notary Public(print name)
	My cammission expirac

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Signature Inventor	Renato Skerlj	Date
State of	nensie Skerij	
ne/sne execut	Ily appeared before me the ed the foregoing instrument, 2012.	above-named Renato Skerli and acknowledged that as his/her free act and deed thisday
(SEAL)		Notary Public(print name)
		My commission expires:
Signature Inventor State of/// County of//	Yibin Xiang  SHUAH SS	Date 5/7/20/2
ne/sne/execution of ////////////////////////////////////	ly appeared before me the and the foregoing instrument2012.	above-named <u>Vibin Xiang</u> and acknowledged that as his/her free act and deed this day day
	Notary Poblic MEALTH OF MALEACHARD TRAIL y Convision Explain	My commission expires: <u>JUNE 15</u> 2018

Signature Inventor	Zhong Zhao	Date
State of \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1) (hux+5) 1 (kUexx ) ss:	
ne/sne execu	ted the foregoing instrument a, 2012.	bove-named <b>Zhong Zhao</b> and acknowledged that as his/her free act and deed this day
(SEAL)	INCSAY D. BERMAN NOVAY PUBL COMMONWAITH OF MASSACRIM MY COMMISSON ESTIMA SETTIMA I, 2014	Notary Public  Notary Public  Notary Public  (print name)  My commission expires: September 5, 800
***************************************		
Signature		
Signature Inventor		
Inventor		
Inventor  State of  County of  Then personal ne/she execute	Andrew Good	
Inventor  State of  County of  Then personal ne/she execute	Andrew Good	Date

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Signature Date inventor Zhong Zhao State of \_\_\_\_\_)
County of \_\_\_\_\_) ss: Then personally appeared before me the above-named Zhong Zhao and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this day of\_\_\_\_\_\_, 2012. (SEAL) \_\_\_\_\_Notary Public \_\_\_\_\_(print name) My commission expires: Date 3/13/12 Signature Inventor Andrew Good State of Massachusetts County of Michael Cock Then personally appeared before me the above-named Andrew Good and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this \ 344 day of  $\gamma\gamma\gamma\gamma\gamma$ , 2012. LINOSAY D. BERMAN JAYAAA VAARAA Notary Public Notary Public Commonweath of Massachuseth ACVAY D. X. (print name) (SEAL) My Courission Exists Springs 5, 2014 My commission expires: September 5, 204

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