# 506076179 05/26/2020

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
LISA M. STANEK	04/14/2015
ADAM PALERMO	04/15/2015
BRENDA RICHARDS	04/15/2015
SERGIO PABLO SARDI	04/14/2015
CATHERINE O'RIORDAN	04/15/2015
ANTONIUS SONG	04/15/2015

# **RECEIVING PARTY DATA**

Name:	GENZYME CORPORATION
Street Address:	50 BINNEY STREET
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02142

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16566565

## **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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Correspondent Name: YAN QI

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ATTORNEY DOCKET NUMBER:	15979-20101.10
NAME OF SUBMITTER:	YAN QI
SIGNATURE:	/Yan Qi/
DATE SIGNED:	05/26/2020

PATENT REEL: 052754 FRAME: 0060

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# Total Attachments: 8 source=Assignment#page1.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif

## ASSIGNMENT AND AGREEMENT

Effective as of <u>February 10, 2015</u>, FOR VALUE RECEIVED and intending to be legally bound, we, the undersigned joint inventors (Assignors), sell, assign and transfer to <u>Genzyme Corporation</u> (Assignee), 500 <u>Kendall Street</u>, <u>Cambridge</u>, <u>MA 02142</u>, and its successors, assigns and legal representatives, my/our entire and exclusive right, title and interest in and to my/our invention and any improvements thereon for all countries of the world, relating in and to this US application therefore, assigned Sanofi Docket No. <u>US2015/008 US PSP</u> and filed on <u>February 10, 2015</u>, as Serial No. <u>62/114,578</u>, entitled

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and all the rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, including the right to claim priority based on said United States application, and under any and all Letters Patent which may be granted therefor, and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country or patent organization, including, without limitation, continuations, divisions, renewals, revivals, and any substitute applications of said United States application, and any and all patents which may issue thereon, and any reissues, reexaminations, pipelines and extensions, and governmental exclusivity rights of the same; and I/we hereby authorize and request the USPTO and any foreign patent authority or office whose duty it is to issue patents on applications or priorities 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.

We state that we are original inventors of the claimed invention and authorize the filing of a patent application for the claimed invention.

We authorize and request competent authorities to grant and issue any and all patents on said invention to said assignee or its successor, assigns and legal representatives, or to such nominees as said assignee may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful caths, testify in any legal proceeding, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for said invention in any and all countries and for vesting title thereto in said assignee, its successors, assigns, legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have full right to convey the same as herein expressed and that we will not enter into any assignment, contract, or understanding in conflict herewith.

Assignment U.S. Serial No. 62/114,578 Page 2

We hereby acknowled assignment are punishable by States code §1001.				
Mailing Address: c/o 55 (		e, Mail Code		, 2015.
Witnessed by: Signature: 스ェック S Name: 스ェッリ S	DE	Signature: _ Name: _	Centrice	<u> </u>
Mailing Address: c/o 55 (	on this on this on this on this on this on the control of the cont	e, Mail Code		, 2015.
Witnessed by: Signature: <u> </u>		Signature: Name:	Cost La	

Inventor's Name: Mailing Address: c/o Sanofi 55 Corporate Drive, Mail Code: 55A-505A Bridgewater, NJ 08807 US Witnessed by: Signature: Name: Signed at Francisca NA NA on this 19 day of APRIL (City, State and Nation) Signature: Inventor's Name: Sergio Pablo SARDI Mailing Address: c/o Sanolí 55 Corporate Drive, Mail Code: 55A-505A Bridgewater, NJ 08807 US Witnessed by: Signature: Signature: Name:

Signed at Aming have (City, State and Signature: Inventor's Name: Mailing Address:	Nation)  Catherine O'RIOF  c/o Sanofi  55 Corporate Driv Bridgewater, NJ	<u>) Ciard</u> RDAN re, Mail Code	
Witnessed by: Signature: <u>しんしん</u> Name: <u>Chan</u> t	Same	Signature: _ Name: _	Caca La Cathanna Vica
Signed at (City, State and Signature: Inventor's Name: Mailing Address:	on this Nation) Antonius SONG 6584 Cotton Woo Dublin, CA 9456	d Circle, Apt	
Witnessed by: Signature: Name:		Name:	

Assignment U.S. Serial No. 62/114,578 Page 1

## ASSIGNMENT AND AGREEMENT

Effective as of February 10, 2015, FOR VALUE RECEIVED and intending to be legally bound, we, the undersigned joint inventors (Assignors), sell, assign and transfer to Genzyme Corporation (Assignee), 500 Kendall Street, Cambridge, MA 02142, and its successors, assigns and legal representatives, my/our entire and exclusive right, title and interest in and to my/our invention and any improvements thereon for all countries of the world, relating in and to this US application therefore, assigned Sanofi Docket No. US2015/008 US PSP and filed on February 10, 2015, as Serial No. 62/114,578, entitled

## VARIANT RNAI

and all the rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, including the right to claim priority based on said United States application, and under any and all Letters Patent which may be granted therefor, and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country or patent organization, including, without limitation, continuations, divisions, renewals, revivals, and any substitute applications of said United States application, and any and all patents which may issue thereon, and any reissues, reexaminations, pipelines and extensions, and governmental exclusivity rights of the same; and I/we hereby authorize and request the USPTO and any foreign patent authority or office whose duty it is to issue patents on applications or priorities 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.

We state that we are original inventors of the claimed invention and authorize the filing of a patent application for the claimed invention.

We authorize and request competent authorities to grant and issue any and all patents on said invention to said assignee or its successor, assigns and legal representatives, or to such nominees as said assignee may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, testify in any legal proceeding, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for said invention in any and all countries and for vesting title thereto in said assignee, its successors, assigns, legal representatives or nominees.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have full right to convey the same as herein expressed and that we will not enter into any assignment, contract, or understanding in conflict herewith.

Assignment U.S. Serial No. 62/114,578 Page 2

Signed at (City, State and	on this day of i Nation)	, 2015
Signature: Inventor's Name: Mailing Address:	Lisa M. STANEK c/o Sanofi 55 Corporate Drive, Mail Code: 55A-505A Bridgewater, NJ 08807 US	
Witnessed by:		
Signature:	Signature:	
Name:	Name:	
	on this day of	, 2015.
Signed at (City, State and		
Signed at (City, State and Signature: Inventor's Name: Mailing Address:	Adam PALERMO	
(City, State and Signature: Inventor's Name: Mailing Address:	Adam PALERMO c/o Sanofi 55 Corporate Drive, Mail Code: 55A-505A	
(City, State and Signature: Inventor's Name:	Adam PALERMO c/o Sanofi 55 Corporate Drive, Mail Code: 55A-505A Bridgewater, NJ 08807 US	

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PATENT REEL: 052754 FRAME: 0068

Attorney Docket No. US2015/008 US PSP

on this day of , 2015. Signed at (City, State and Nation) Signature: Inventor's Name: Catherine O'RIORDAN Mailing Address: c/o Sanofi 55 Corporate Drive, Mail Code: 55A-505A Bridgewater, NJ 08807 US Witnessed by: Signature: Signature: Name: Name: Signed at Pleasanton, CA USA on this 15th day of April , 2015. (City, State and Nation) Signature: Antonius SONG Inventor's Name: 6584 Cotton Wood Circle, Apt. F Mailing Address: Dublin, CA 94568 Witnessed by: Signature: Signature: ASHISH DIANE SONE Name: Name:

> PATENT REEL: 052754 FRAME: 0069

**RECORDED: 05/26/2020** 

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