

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5360573

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VICTOR R. CAIRNS	01/11/2019
JOSE IGNACIO SANCHO CHAVIDA	01/11/2019
CHRISTINE DEMARIA	01/11/2019
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15288036
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<b>Email:</b>	globalpatent.eflow@sanofi.com
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<b>ATTORNEY DOCKET NUMBER:</b>	US2015/199-US-NP
<b>NAME OF SUBMITTER:</b>	RACHEL WU
<b>SIGNATURE:</b>	/Rachel Wu/
<b>DATE SIGNED:</b>	02/05/2019
<b>Total Attachments: 6</b>	
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**ASSIGNMENT**

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, the undersigned joint Inventors, each individually assign to **Genzyme Corporation**, a corporation formed under the laws of Massachusetts and having a principal place of business at 50 Binney Street, Cambridge, Massachusetts 02142, USA, and its successors, transferees, and assignees (collectively the “Assignee”), all of our individual and joint rights, titles, and interests throughout the world in the subject matter (the “Subject Matter”) disclosed or claimed in a patent application that names us as inventors, is titled “**FLARE (FLOW CYTOMETRY ATTENUATED REPORTER EXPRESSION) TECHNOLOGY FOR RAPID BULK SORTING**”, and was filed in the Patent Offices as listed in **Appendix A** (the “Applications”).

This Assignment, effective as of 09 October 2015 assigns (a) the Applications and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors’ certificates for, any of the Subject Matter (collectively the “Applications and Granted Rights”) in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee’s name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee’s name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

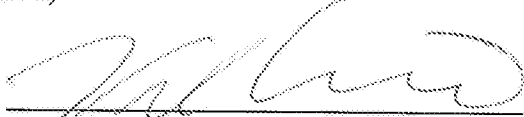
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Signed at FRAMINGHAM, MA, USA on this 11 day of January, 2019.  
(City, State and Nation)

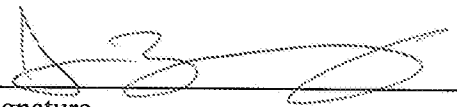
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Inventor's Name:

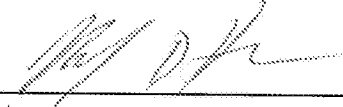
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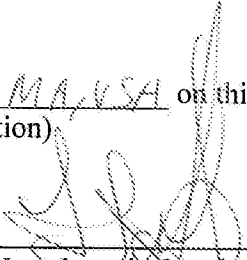
Jin Zhang  
Printed Name

  
Signature

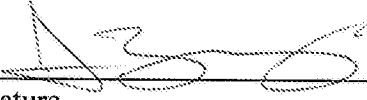
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Jim Zhang  
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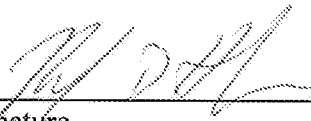
Melissa Horvath  
Printed Name

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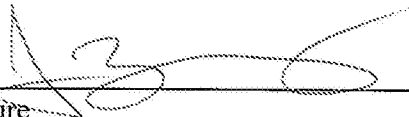
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Witnessed by:

  
Signature

Michael Harrison  
Printed Name


  
Signature

Jin Zhang  
Printed Name

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**ASSIGNMENT OF RIGHTS ACCEPTED BY Genzyme Corporation**

Signed at Cambridge, MA, USA on this 5<sup>th</sup> day of February, 2019.  
(City, State and Nation)

By: 

Name: Brian R. Morrill

Title: Attorney-in-Fact, Principal Counsel, Leader of Synthetic Molecules Patents U.S.

**Appendix A. List of Patent Applications**

<b>Filing Number</b>	<b>Filing Date</b>	<b>Country</b>
3,001,364	10/7/2016	Canada
201680072391.5	10/7/2016	China
16788602.7	10/7/2016	Europe
258537	10/7/2016	Israel
201817017087	10/7/2016	India
11201802823V	10/7/2016	Singapore
15/288,036	10/7/2016	United States
PCT/US2016/055915	10/7/2016	WIPO