PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY DATA					
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EISAI R&D MANAGEMENT CO., LTD.				11/22/2013	
RECEIVING PARTY DATA					
Name:	EPIZYME, INC.				
Street Address:	400 TECHNOLOGY SQUARE				
Internal Address:	4TH FLOOR				
City:	CAMBRIDGE				
State/Country:	MASSACHUSETTS				
Postal Code:	02139				
PROPERTY NUMBERS Total: 1					
Property Type			Number		
Application Number: 14054		140546	395		
CORRESPONDENCE DATA Fax Number: (617)542-2241 Phone: 617-542-6000					
Fax Number: (617)542-2241					
Phone: 617-542-6000					
Email: jlsteinfield@mintz.com 8 Correspondence will be sent via US Mail when the email attempt is unsuccessful. 6					
Correspondent Name: MINTZ LEVIN USPTO					
Address Line 1: ONE FINANCIAL CENTER Address Line 4: BOSTON, MASSACHUSETTS 02111					
Address Line 4: BOSTON, MASSACHUSETTS 02111					
ATTORNEY DOCKET NUMBER:			41478-514001US		
NAME OF SUBMITTER:			HEIDI A. ERLACHER		
Signature:			/Heidi A. Erlacher/		
Date:			12/12/2013		
Total Attachments: 2 source=AssignmentEpizyme#page1.tif source=AssignmentEpizyme#page2.tif					

· Attorney Docket No.: 41478-514001US

ASSIGNMENT

Eisai R&D Management Co. Ltd., a corporation having its principal offices at 6-10 Koishikawa, 4-Chome, Bunkyo-ku, Tokyo 112-8088, Japan ("the ASSIGNOR"), the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that the undersigned has sold and assigned, and does hereby assign, sell and transfer to Epizyme, Inc., with offices at 400 Technology Square, 4th Floor, Cambridge, MA 02139 and its successors, assigns and legal representatives (collectively hereinafter referred to as the "ASSIGNEE"): (1) the entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

SUBSTITUTED BENZENE COMPOUNDS

filed with the U.S. Patent and Trademark Office on October 15, 2013, and assigned U.S. Application No. 14/054,695, which claims priority to and/or the benefit of U.S. Provisional Application No. 61/714,140, filed on October 15, 2012, U.S. Provisional Application No. 61/714,145, filed on October 15, 2012, U.S. Provisional Application No. 61/780,703, filed on March 13, 2013, and U.S. Provisional Application No. 61/786,277, filed on March 14, 2013, and including any subsequently filed applications in any country of the world, which claim priority to, and/or the benefit of, any of U.S. Provisional Application Nos. 61/714,140, 61/714,145, 61/780,703 and 61/786,277, and U.S. Application No. 14/054,695, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications thereof; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in the undersigned's name as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

The undersigned hereby authorizes and requests the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by the undersigned had this assignment, sale and transfer not been made.

The undersigned agrees, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

The undersigned further agrees at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

PATENT REEL: 031769 FRAME: 0372

First Inventor : Kevin Wayne Kuntz Application No. ; 14/054,695 : October 15, 2013 Filed Page 2 of 2

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Eisai R&D Management Co., Ltd.

Title: Board Member

November 22, 2013 Date:

Hitoshi Takeuchi ____, hereby declare IN WITNESS WHEREOF, I, _____ (Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

Hilosh, Toberchi (Signature of Witness)

Date: November 22, 2013

IN WITNESS WHEREOF, I, _____ Nagayoshi Noguchi _____, hereby declare (Printed Name of Witness)

that I was personally present and did see the above named person duly sign and execute the assignment.

N. Noguchi (Signature of Witness)

Date: November 22. 2013

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PATENT REEL: 031769 FRAME: 0373

RECORDED: 12/12/2013