

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHARLES E. CHASE	03/03/2009
ATSUSHI ENDO	02/13/2009
FRANCIS G. FANG	03/03/2009
JING LI	04/16/2009
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<b>Internal Address:</b>	BUNKYO-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	112-8088
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14624033
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	J. COOPER MCDONALD, PH.D.
<b>SIGNATURE:</b>	/J. Cooper McDonald, Ph.D./
<b>DATE SIGNED:</b>	11/10/2015
<b>Total Attachments: 2</b>	

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## ASSIGNMENT BY INVENTORS

WE, Charles CHASE; Atsushi ENDO; Francis G. FANG; and Jing LI, of Londonderry, New Hampshire; Boston, Massachusetts; Andover, Massachusetts; and College Station, Texas, respectively, in consideration of One Dollar and other valuable consideration paid to us by:

EISAI R&D MANAGEMENT CO., LTD.

a Corporation of Japan, having its principal place of business at 6-10, Koishikawa 4-chome, Bunkyo-ku, Tokyo, 112-8088, JAPAN, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said:

EISAI R&D MANAGEMENT CO., LTD.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in:

### INTERMEDIATES AND METHODS FOR THE SYNTHESIS OF HALICHONDRIIN B ANALOGS

described in an application:

☐ Executed by us of even date herewith and about to be filed

or

☒ Application No. 12/245,149, filed on October 3, 2008

This application claims the benefit of the following provisional application(s):


☒ Provisional Application No. 60/997625, filed on October 3, 2007

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

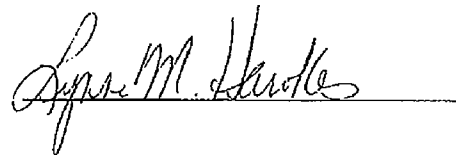
And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

And we do further hereby grant the attorneys/agents of Lahive & Cockfield, LLP, the power to insert on this Assignment the filing date and/or application number of said application.


3-3-09  
Date

  
Charles Chase

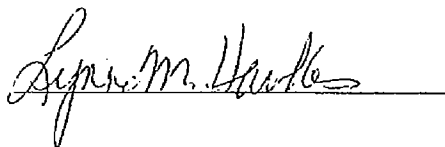
Witness:  
3/3/09  
Date



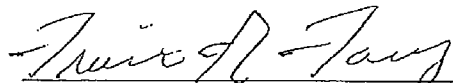
02/13/2009  
Date

  
Atsushi Endo

Witness:  
2/13/09  
Date



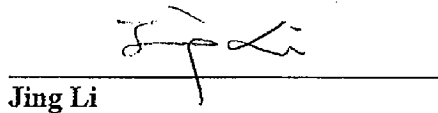
3/3/09  
Date

  
Francis G. Fang

Witness:  
3/3/09  
Date



4/16/09  
Date

  
Jing Li

Witness:  
4/16/2009  
Date

