

PATENT ASSIGNMENT

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 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Atsushi Endo</td> <td>09/28/2011</td> </tr> <tr> <td>Charles E. Chase</td> <td>09/29/2011</td> </tr> <tr> <td>Francis G. Fang</td> <td>09/28/2011</td> </tr> </tbody> </table>		Name	Execution Date	Atsushi Endo	09/28/2011	Charles E. Chase	09/29/2011	Francis G. Fang	09/28/2011		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Eisai R&D Management Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>6-10 Koishikawa 4-chome</td> </tr> <tr> <td>City:</td> <td>Bunkyo-Ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>112-8088</td> </tr> </table>		Name:	Eisai R&D Management Co., Ltd.	Street Address:	6-10 Koishikawa 4-chome	City:	Bunkyo-Ku, Tokyo	State/Country:	JAPAN	Postal Code:	112-8088
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Street Address:	6-10 Koishikawa 4-chome										
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13477483</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13477483						
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Application Number:	13477483										
CORRESPONDENCE DATA											
<p>Fax Number: 6174287045 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6174280200 Email: patentadministrator@clarkelbing.com</p> <p>Correspondent Name: Clark + Elbing LLP Address Line 1: 101 Federal Street Address Line 2: 15th Floor Address Line 4: Boston, MASSACHUSETTS 02110</p>											
ATTORNEY DOCKET NUMBER:	04520-129003										
NAME OF SUBMITTER:	J. Cooper McDonald, Ph.D.										
<p>Total Attachments: 2 source=04520.129002 Assignment#page1.tif source=04520.129002 Assignment#page2.tif</p>											

CH \$40.00 13477483

ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Endo Atsushi	Boston	Massachusetts
Charles E. Chase	Londonderry	New Hampshire
Francis G. Fang	Andover	Massachusetts

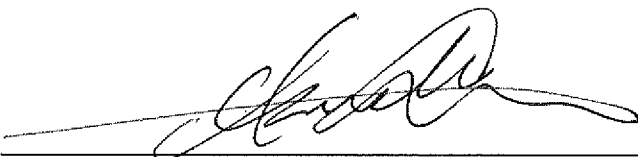
hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
Eisai R&D Management Co., Ltd.	Japan	6-10 Koishikawa 4-chome, Bunkyo-Ku Tokyo Japan 112-8088

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
COMPOUNDS USEFUL IN THE SYNTHESIS OF HALICHONDRI B ANALOGS	January 26, 2010	PCT/US2011/022611
COMPOUNDS USEFUL IN THE SYNTHESIS OF HALICHONDRI B ANALOGS	January 26, 2011	13/014,517

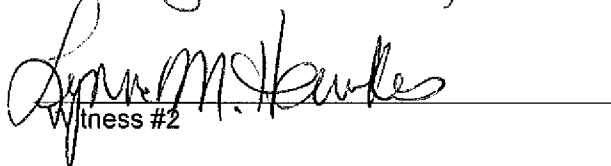
and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. This assignment also includes the right to sue for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein, or provisional rights from any patent applications listed herein.


ENDO ATSUSHI


09/28/2011
DATE


Witness #1


Mary M Helmken 9/28/11
Printed Name


Witness #2

Lynne M. Hawkes 9/28/11
Printed Name


CHARLES E. CHASE

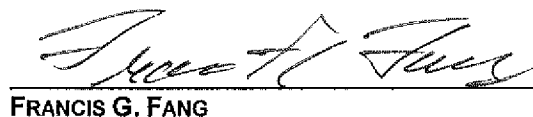
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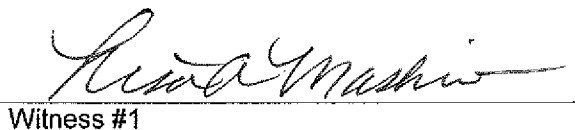
Lisa A. Mashino 9/29/2011
Printed Name


Witness #2

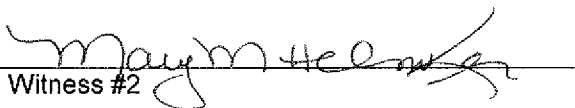
Mary M Helmken 9/29/11
Printed Name


FRANCIS G. FANG

9/28/2011
DATE


Witness #1

Lisa A. Mashino
Printed Name


Witness #2

Mary M Helmken
Printed Name