

PATENT ASSIGNMENT COVER SHEET

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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>MORIYASU MASUI</td><td>09/18/2013</td></tr><tr><td>YASUNORI MITSUOKA</td><td>09/20/2013</td></tr><tr><td>SYUHEI YOSHIDA</td><td>09/19/2013</td></tr><tr><td>KEN-ICHI KUSAKABE</td><td>09/18/2013</td></tr><tr><td>NAOHIRO ONODERA</td><td>09/20/2013</td></tr><tr><td>NORIYUKI KUROSE</td><td>09/20/2013</td></tr></tbody></table>		Name	Execution Date	MORIYASU MASUI	09/18/2013	YASUNORI MITSUOKA	09/20/2013	SYUHEI YOSHIDA	09/19/2013	KEN-ICHI KUSAKABE	09/18/2013	NAOHIRO ONODERA	09/20/2013	NORIYUKI KUROSE	09/20/2013
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RECEIVING PARTY DATA															
Name:	SHIONOGI & CO., LTD.														
Street Address:	1-8, DOSHOMACHI 3-CHOME, CHUO-KU														
City:	OSAKA-SHI, OSAKA														
State/Country:	JAPAN														
Postal Code:	541-0045														
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>14113327</td></tr></tbody></table>		Property Type	Number	Application Number:	14113327										
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Application Number:	14113327														
CORRESPONDENCE DATA															
Fax Number:	(612)455-3801														
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Email:	adoyle@hsml.com														
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
Correspondent Name:	HAMRE, SCHUMANN, MUELLER & LARSON, P.C.														
Address Line 1:	P.O. BOX 2902														
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402-0902														
ATTORNEY DOCKET NUMBER:	20050.0032USWO														
NAME OF SUBMITTER:	DOUGLAS P. MUELLER														

CH \$40.00 14113327

Signature:	/Douglas P. Mueller/
Date:	10/23/2013
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

HSML #: 20050, _____

INSTRUCTIONS

ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS,

Inventor(s) Name,
Address, Citizenship

1. Moriyasu MASUI, residing at c/o Shionogi & Co., Ltd., 1-1, Futabacho 3-chome, Toyonaka-shi, Osaka 561-0825 JAPAN, and a citizen of JAPAN ;
2. Yasunori MITSUOKA, residing at c/o Shionogi & Co., Ltd., 1-1, Futabacho 3-chome, Toyonaka-shi, Osaka 561-0825 JAPAN, and a citizen of JAPAN ;
3. Syuhei YOSHIDA, residing at c/o Shionogi & Co., Ltd., 1-1, Futabacho 3-chome, Toyonaka-shi, Osaka 561-0825 JAPAN, and a citizen of JAPAN ;
4. Ken-ichi KUSAKABE, residing at c/o Shionogi & Co., Ltd., 1-1, Futabacho 3-chome, Toyonaka-shi, Osaka 561-0825 JAPAN, and a citizen of JAPAN ;
5. Naohiro ONODERA, residing at c/o Shionogi & Co., Ltd., 1-1, Futabacho 3-chome, Toyonaka-shi, Osaka 561-0825 JAPAN, and a citizen of JAPAN ;
6. Noriyuki KUROSE, residing at c/o Shionogi & Co., Ltd., 1-1, Futabacho 3-chome, Toyonaka-shi, Osaka 561-0825 JAPAN, and a citizen of JAPAN ;

Date Patent Declaration
Signed, Title, Serial
No. and filing date (if
known)

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on _____ for this invention, which application is entitled OXAZINE DERIVATIVES AND A PHARMACEUTICAL COMPOSITION FOR INHIBITING BACE1 CONTAINING THEM and which has been given Serial Number _____ and the filing date of _____;

Name of Corporation

AND WHEREAS Shionogi & Co., Ltd., (herein called "ASSIGNEE"), a corporation organized under the laws of Japan, and having an office and place of business at 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan,

State or Country of
Incorporation and Address

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE

HSML #: 20050, _____

UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date

Moriyasu Masui
Signature of Inventor #1

Sep. 18, 2013
Date

Note: No legalization or other
witness required

NAME: Moriyasu MASUI

Yasunori Mitsuoka
Signature of Inventor #2
NAME: Yasunori MITSUOKA

Sep. 20, 2013
Date

Syuhei Yoshida
Signature of Inventor #3
NAME: Syuhei YOSHIDA

Sep. 19, 2013
Date

Ken-ichi Kusakabe
Signature of Inventor #4
NAME: Ken-ichi KUSAKABE

Sep. 18, 2013
Date

Naohiro Onodera
Signature of Inventor #5
NAME: Naohiro ONODERA

Sep. 20, 2013
Date

Noriyuki Kurose
Signature of Inventor #6
NAME: Noriyuki KUROSE

Sep. 20, 2013
Date