

PATENT ASSIGNMENT

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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>Kenji YAMAWAKI</td> <td>10/16/2012</td> </tr> <tr> <td>Hideki SUGIMOTO</td> <td>10/16/2012</td> </tr> <tr> <td>Masayuki SANO</td> <td>10/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kenji YAMAWAKI	10/16/2012	Hideki SUGIMOTO	10/16/2012	Masayuki SANO	10/16/2012		
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<table border="1"> <tr> <td>Name:</td> <td>Shionogi & Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>1-8, Doshomachi 3-chome, Chuo-ku</td> </tr> <tr> <td>City:</td> <td>Osaka-shi, Osaka</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>541-0045</td> </tr> </table>		Name:	Shionogi & Co., Ltd.	Street Address:	1-8, Doshomachi 3-chome, Chuo-ku	City:	Osaka-shi, Osaka	State/Country:	JAPAN	Postal Code:	541-0045
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 6124553801 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 612.455.3800 Email: hmccarty@hsml.com Correspondent Name: Douglas P. Mueller Address Line 1: P.O. Box 2902 Address Line 4: Minneapolis, MINNESOTA 55402</p>											
ATTORNEY DOCKET NUMBER:	8279.1622USWO										
NAME OF SUBMITTER:	Douglas P. Mueller										
<p>Total Attachments: 2 source=assignment_1622#page1.tif source=assignment_1622#page2.tif</p>											

CH \$40.00 13639427

PATENT

Docket No.

ASSIGNMENT OF PATENT APPLICATION

WHEREAS,

1. Kenji YAMAWAKI residing at c/o Shionogi & Co., Ltd., 1-1, Futaba-cho 3-chome, Toyonaka-shi, Osaka 561-0825 Japan and a citizen of Japan
2. Hideki SUGIMOTO residing at c/o Shionogi & Co., Ltd., 1-1, Futaba-cho 3-chome, Toyonaka-shi, Osaka 561-0825 Japan and a citizen of Japan
3. Masayuki SANO residing at c/o Shionogi & Co., Ltd., 1-1, Futaba-cho 3-chome, Toyonaka-shi, Osaka 561-0825 Japan and a citizen of Japan

(hereinafter called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States for this invention which was filed on October 4, 2012 entitled CEPHEM COMPOUND HAVING PSEUDO-CATECHOL GROUP, and which has been given application serial number ;13/639427

and

WHEREAS Shionogi & Co., Ltd. (hereinafter "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 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 (\$1.00) 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, legal representative and assigns, the entire right, title and interest for the United States in and to the invention disclosed in said application, and in and to said application, as well as to 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 of the United States to issue all Letters Patent for said invention to the ASSIGNEE of the entire right, title and interest in and to the same, in accordance with the terms of this instrument.

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, patent 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 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.


Signature: Kenji YAMAWAKI

Oct 16 2012
Date


Signature: Hideki SUGIMOTO

Oct 16 2012
Date


Signature: Masayuki SANO

Oct 16 2012
Date