

FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)  
HSML-20078.81USWO

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<p>1. Name of conveying party(ies):</p> <p>Kunihiro KAIHATSU (January 20, 2012) Yoshimi MATSUMOTO (January 23, 2012)</p>	<p>2. Name and address of receiving party(ies):</p> <p>OSAKA UNIVERSITY 1-1, Yamadaoka Suita-shi, Osaka 565-0871 Japan</p>
<p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>

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4. Application number(s) or patent number(s):

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A. Patent Application No.(s) 13/388015	B. Patent No.(s)
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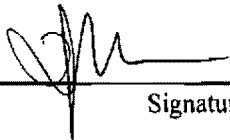
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Douglas P. Mueller Address: Hamre, Schumann, Mueller &amp; Larson P.C. P. O. Box 2902 Minneapolis, MN 55402-0902</p>	<p>6. Total number of applications and patents involved:</p> <p>7. Total fee (37 CFR 3.41): \$40.00  <input type="checkbox"/> Enclosed  <input checked="" type="checkbox"/> Authorized to be charged to Deposit Account No. 50-3478.</p> <p>8. Please charge any additional fees or credit any overpayments to our Deposit account number: 50-3478</p>
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Douglas P. Mueller  
Name of Person Signing

  
Signature

January 30, 2012  
Date

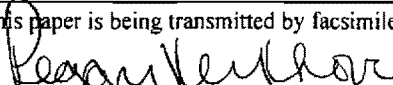
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By:   
Name: Peggy Kerkhove

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PATENT TRADEMARK OFFICE

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Docket No. 20078.0081USWO

### ASSIGNMENT OF PATENT APPLICATION

WHEREAS,

1. Kunihiro KAIHATSU residing at c/o OSAKA UNIVERSITY, 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 Japan and a citizen of Japan
2. Yoshimi MATSUMOTO residing at c/o OSAKA UNIVERSITY, 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 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 \_\_\_\_\_, entitled ANTIBACTERIAL AGENT, and which has been given application serial number \_\_\_\_\_;

and

WHEREAS OSAKA UNIVERSITY (hereinafter "ASSIGNEE") a corporation organized under the laws of Japan and having an office and place of business at 1-1, Yamadaoka, Suita-shi, Osaka 565-0871, 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.

Kunihiro Kaihatsu  
1. Signature Kunihiro KAIHATSU

January 20. 2012  
Date

Yoshimi Matsumoto  
2. Signature Yoshimi MATSUMOTO

January 23. 2012  
Date