

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mr. Toshihisa Kawai</td> <td>05/03/2010</td> </tr> <tr> <td>Mr. Philip P. Stashenko</td> <td>05/03/2010</td> </tr> <tr> <td>Yoshitaka Hosokawa</td> <td>05/03/2010</td> </tr> <tr> <td>Kazuhisa Ohara</td> <td>05/03/2010</td> </tr> </tbody> </table>		Name	Execution Date	Mr. Toshihisa Kawai	05/03/2010	Mr. Philip P. Stashenko	05/03/2010	Yoshitaka Hosokawa	05/03/2010	Kazuhisa Ohara	05/03/2010
Name	Execution Date										
Mr. Toshihisa Kawai	05/03/2010										
Mr. Philip P. Stashenko	05/03/2010										
Yoshitaka Hosokawa	05/03/2010										
Kazuhisa Ohara	05/03/2010										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Forsyth Dental Infirmary for Children</td> </tr> <tr> <td>Street Address:</td> <td>140 The Fenway</td> </tr> <tr> <td>City:</td> <td>Boston</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02155</td> </tr> </table>		Name:	Forsyth Dental Infirmary for Children	Street Address:	140 The Fenway	City:	Boston	State/Country:	MASSACHUSETTS	Postal Code:	02155
Name:	Forsyth Dental Infirmary for Children										
Street Address:	140 The Fenway										
City:	Boston										
State/Country:	MASSACHUSETTS										
Postal Code:	02155										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12762234</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12762234						
Property Type	Number										
Application Number:	12762234										
CORRESPONDENCE DATA											
<p>Fax Number: (978)927-7477</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (978) 927-7377</p> <p>Email: agg@ProtectInventions.com</p> <p>Correspondent Name: ANTOINETTE G. GIUGLIANO, PC</p> <p>Address Line 1: 100 Cummings Center</p> <p>Address Line 2: Suite 213C</p> <p>Address Line 4: Beverly, MASSACHUSETTS 01915</p>											
ATTORNEY DOCKET NUMBER:	0024.0012-002										
NAME OF SUBMITTER:	Antoinette G Giugliano										
Total Attachments: 5											

OP \$40.00 12762234

501207200

PATENT
REEL: 024549 FRAME: 0521

source=executedassignment#page1.tif
source=executedassignment#page2.tif
source=executedassignment#page3.tif
source=executedassignment#page4.tif
source=executedassignment#page5.tif

JointASSIGNMENT

WHEREAS, we, **Toshihisa Kawai, Philip P. Stashenko, Yoshitaka Hosokawa and Kazuhisa Ohara**, have invented a certain improvement in **ANTIBACTERIAL COMPOSITIONS** described in an application for Patent,

- ☐ the specification of which is being executed on even date herewith and is about to be filed in the United States Patent Office (*use for 37 CFR §1.53(b) filings only*);
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☒ the specification of which is United States Application No. **12/762,234**;
- ☐ the specification of which is a Patent Cooperation Treaty Application, International Application No. [], which designates the United States of America;
- ☐ which was patented under United States Patent No. [].

WHEREAS, **Forsyth Dental Infirmary for Children** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at **140 The Fenway, Boston** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including

the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.


Inventor's Signature: Toshihisa Kawai
Toshihisa Kawai

State/Commonwealth
of Massachusetts
County of Essex

Then personally appeared before me the above-named **Toshihisa Kawai** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 3rd day of May, 20 10.

(SEAL)

Antoinette G. Giugliano Notary Public
Antoinette Giugliano (print name)
My Commission expires 9/7/12

 **ANTOINETTE G. GIUGLIANO**
Notary Public
Commonwealth of Massachusetts
My Commission Expires
September 7, 2012

Inventor *Philip Stashenko* Date *5/31/10*
Philip P. Stashenko


Address 10 Newport Lane, Medfield, MA 02052

State/Commonwealth
of *Massachusetts*
County of *Essex*

Then personally appeared before me the above-named **Philip P. Stashenko** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this *3rd* day of *May*, 20 *10*.

(SEAL)

Antoinette G. Giugliano
Antoinette Giugliano

 **ANTOINETTE G. GIUGLIANO**
Notary Public
Commonwealth of Massachusetts
My Commission Expires
September 7, 2012

Inventor Yoshitaka Hosokawa Date 5/3/2010
Yoshitaka Hosokawa

Address 4-16-1 Minamishowa-cho, Tokushima, Tokushima
770-0944 Japan

Witness Hideaki Nakae Hideaki Nakae
Address 5-42-202 Kaigandori, Tarumi-ward, Kobe, Hyogo
655-0036 Japan

Witness Takashi Matsuo Takashi Matsuo
Address 3-33 Godoshokusha Otsubo-jutaku 232-1 Hashiman-cho
Otsubo Tokushima 770-8079 Japan

Inventor Kazuhisa Ohara Date 5/3/2010
Kazuhisa Ohara

Address 3-1-23-907 Shinonome Minami-ku. Hiroshima-city,
Hiroshima, Japan 734-0022

Witness Tsuyoshi Fujita
Address 1-2-3, Kasumi, Minami-ku, Hiroshima,
JAPAN, 734-8553

Witness Yushi Uchida
Address 1-52-501 Higashihonoka-tyo, Minami-ku, Hiroshima
JAPAN, 734-0025
