

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PHARMA DESIGN, INC.	10/14/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KABUSHIKI KAISHA YAKULT HONSHA
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<b>Internal Address:</b>	MINATO-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	105-8660
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	8796320
<b>Patent Number:</b>	8466290
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<b>ATTORNEY DOCKET NUMBER:</b>	461127US
<b>NAME OF SUBMITTER:</b>	RHIA LUCAS
<b>SIGNATURE:</b>	/Rhia Lucas/
<b>DATE SIGNED:</b>	10/28/2015
<b>Total Attachments: 2</b>	
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source=461127US_Assignment#page2.tif	

## ASSIGNMENT

WHEREAS, PHARMA DESIGN, INC. having a place of business at 19-8, Hatchobori 2-chome, Chuo-ku, Tokyo 104-0032, Japan, a corporation organized and existing under the laws of the Country of Japan, is a joint owner with GENERAL INCORPORATED ASSOCIATION PHARMA VALLEY PROJECT SUPPORTING ORGANIZATION, SHIZUOKA PREFECTURE, KUMAMOTO HEALTH SCIENCE UNIVERSITY and KABUSHIKI KAISHA YAKULT HONSHA, by assignment, of the following Letters Patent of the United States of America:

<u>Patent Number</u>	<u>Issue Date</u>
8,796,320	August 5, 2014
8,466,290	June 18, 2013

WHEREAS, KABUSHIKI KAISHA YAKULT HONSHA having a place of business at 1-19, Higashi Shinbashi 1-chome, Minato-ku, Tokyo 105-8660, Japan, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring additional right, title and interest in and to said Letters Patent and the inventions described therein;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00) and other valuable consideration, the receipt of which is hereby acknowledge, PHARMA DESIGN, INC. by these presents do sell, assign, and transfer unto said ASSIGNEE the right, title and interest to the extent held by them for the territory of the United States of America, in and to the aforesaid Letters Patent and to any and all reissues of said Letters Patent to the full end of the term for which said Letters Patent have been granted or may be granted the same to be held and enjoyed by the ASSIGNEE for the use and behoof of

said ASSIGNEE, and for the use and behoof of their successors, assigns or other legal representatives to the full end of the term for which said Letters Patent have been or may be granted, and for claims for damage by reason of infringement past and present, as fully and entirely as the same would have been held by PHARMA DESIGN, INC. had this Assignment and sale not been made.

PHARMA DESIGN, INC. further authorizes and requests the Patent Office Officials in the United States and its territorial possessions to issue any and all Letters Patent when granted, to ASSIGNEE as a joint assignee of the right, title and interest to the extent hereby assigned.

IN TESTIMONY WHEREOF, PHARMA DESIGN, INC., has caused these presents to be signed by its officer thereunto duly authorized.

PHARMA DESIGN, INC.

Date: October 14, 2015

By: Toshio Furuya  
Name: Toshio Furuya  
Title: President & CEO