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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITSUBISHI HEAVY INDUSTRIES, LTD.	06/18/2012

RECEIVING PARTY DATA

Name:	MITSUBISHI HEAVY INDUSTRIES MECHATRONICS SYSTEMS, LTD.
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12865273

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NAME OF SUBMITTER: Stephen G. Adrian

Total Attachments: 1

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PATENT REEL: 028596 FRAME: 0725 OP \$40.00 12865273

ASSIGNMENT

WHEREAS, MITSUBISHI HEAVY INDUSTRIES, LTD., a corporation duly organized under the laws of Japan and having its principal place of business at 16-5, Konan 2-Chome, Minato-ku, Tokyo 108-8215, JAPAN, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, a corporation duly organized under the laws of Japan and having its principal place of business at 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921, Japan; and INCORPORATED ADMINISTRATIVE AGENCY NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION, a corporation duly organized under the laws of Japan and having its principal place of business at 3-1-1 Kannondai, Tsukuba-shi, Ibaraki, 305-8517, JAPAN are the owners of the entire right, title and interest in the invention entitled "ORGANIC MATERIAL PRODUCTION SYSTEM USING BIOMASS MATERIAL AND METHOD", which is described and claimed in U.S. Patent Application No. 12/865,273, by virtue of an assignment recorded at the U.S. Patent and Trademark Office on July 30, 2010, at Reel 024768, Frame 0478;

WHEREAS, **MITSUBISHI HEAVY INDUSTRIES, LTD.**, hereinafter referred to as ASSIGNOR, is desirous of assigning its entire right, title and interest in said U.S. Patent Application;

WHEREAS, MITSUBISHI HEAVY INDUSTRIES MECHATRONICS SYSTEMS, LTD., a corporation duly organized under the laws of Japan and having its principal place of business at 1-16, Komatsudori 5-chome, Hyogo-ku, Kobe 652-0865, Japan, hercinafter referred to as ASSIGNEE, is desirous of acquiring the right, title and interest as held by ASSIGNOR in, to and under the said U.S. Patent Application;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: be it known that for good and valuable consideration, the adequacy and receipt of which is hereby acknowledged by ASSIGNOR, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE, entire, title, and interest in and to United States Patent Application No. 12/865,273 and the inventions therein, for the full term of the said United States Patent Application and any sud all U.S. patents granted therein and any reissue, extension, reexamination, continuation, or divisional thereof.

IN WITNESS WHEREOF, the undersigned ASSIGNOR has hereunto set hand and seal this _	18th
day of <u>June</u> 2012.	
Assignor: MITSUBISHI HEAVY INDUSTRIES, LTD.	
Signature	
of Representative: Wire wichi (Its	
Name: Hiromichi ITO	
Title: General Manager of Intellectual Property, Department	