

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Minoru GENTA	03/25/2011
Seiichi TERAOKA	03/25/2011
Yasushi KAGEYAMA	03/25/2011
Ryosuke UEHARA	03/25/2011
Seiji KOBAYASHI	03/25/2011
<b>RECEIVING PARTY DATA</b>	
Name:	MITSUBISHI HEAVY INDUSTRIES, LTD.
Street Address:	16-5, Konan 2-chome, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	108-8215
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13121969
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(202)822-1111
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	2028221100
Email:	PatentMail@Whdapatentlaw.com
Correspondent Name:	Westerman, Hattori, Daniels & Adrian LLP
Address Line 1:	1250 Connecticut Avenue NW,
Address Line 2:	Suite 700
Address Line 4:	Washington,, DISTRICT OF COLUMBIA 20036
ATTORNEY DOCKET NUMBER:	110390
NAME OF SUBMITTER:	Stephen G. Adrian
Total Attachments: 1 source=110390_Assignment_03_29_2011#page1.tif	

OP \$40.00 13121969

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by  
(Insert Name(s) & Address(es) of ASSIGNEE(S))  
MITSUBISHI HEAVY INDUSTRIES, LTD.

16-5, Konan 2-chome, Minato-ku, Tokyo 108-8215 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled  
(Title of Invention)

BIOMASS DECOMPOSITION APPARATUS AND METHOD THEREOF, AND SUGAR- SOLUTION  
PRODUCTION SYSTEM USING BIOMASS MATERIAL

relating to International Patent Application PCT/JP2010/065175 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on \_\_\_\_\_; (Insert date of execution of application, if not concurrent)

(b) filed on \_\_\_\_\_

Serial No. \_\_\_\_/\_\_\_\_\_;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u>Minoru Genta</u> (Signature)	Minoru GENTA (Type Name)	March 25, 2011 (Date)
2) <u>Seiichi Terakura</u> (Signature)	Seiichi TERAKURA (Type Name)	March 25, 2011 (Date)
3) <u>Yasushi Kageyama</u> (Signature)	Yasushi KAGEYAMA (Type Name)	March 25, 2011 (Date)
4) <u>Ryosuke Uehara</u> (Signature)	Ryosuke UEHARA (Type Name)	March 25, 2011 (Date)
5) <u>Seiji Kobayashi</u> (Signature)	Seiji KOBAYASHI (Type Name)	March 25, 2011 (Date)