## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

#### **CONVEYING PARTY DATA**

Name	Execution Date		
YUUKI ENDOU	08/03/2015		
HIROTAMI YAMAMOTO	08/03/2015		
KEIICHI ISHIKAWA	08/03/2015		

### **RECEIVING PARTY DATA**

Name:	MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD.
Street Address:	4-2, MINATOMIRAI 4-CHOME
Internal Address:	NISHI-KU
City:	YOKOHAMA-SHI, KANAGAWA
State/Country:	JAPAN
Postal Code:	220-0012

### **PROPERTY NUMBERS Total: 1**

Property Type	Number				
Application Number:	14771806				

### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	BENJAMIN J. HAUPTMAN		
SIGNATURE:	/Benjamin J. Hauptman/		
DATE SIGNED:	09/01/2015		

**Total Attachments: 1** 

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PATENT REEL: 036463 FRAME: 0045

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Docket No.:

# ASSIGNMENT

In consideration of the premises and other	good and	valuable	consideration	in hand	paid,	the receipt a	ınd	sufficiency	of
which is hereby acknowledged, the undersigned,					•	•		•	

	1)	Yuuki ENDOU	2)	Hirotami YAMAMOTO			
	3)	Keiichi ISHIKAWA	4)				
	5)		6)				
who has made a certain new and useful invention, hereby sells, assigns and transfers unto <u>MITSUBISHI</u> HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO., LTD. having a place of business at 4-2, Minatomirai 4-chome, Nishi-ku, Yokohama-shi, Kanagawa 220-0012 Japan, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled:  BIOMASS PYROLYSIS APPARATUS, AND POWER GENERATION SYSTEM							
(a)	for w	hich an application for United States Led States Patent Application No.	atters Pa	tent was filed on, and identified by; or			
(b)	for w	nich an application for United States Lette	rs Patent	was executed on,			
and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;							
AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.							
SIGNEI		e date indicated aside my signature:					
1)	Yu	uki Endou		August 3, 2015			
Name:	Yuuki	ENDOU		Date			
The process of the second	*/nde-baseseseses	rterni Gamamoto		August 3, 2015			
Name:	Hirota	mi YAMAMOTO		Date			

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August 3, 2015

**RECORDED: 09/01/2015**