PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Minoru GENTA	06/15/2010
Ryosuke UEHARA	06/15/2010
Kinya FUJITA	06/15/2010
Tsuyoshi SAKAKI	06/21/2010
Noriyuki YAMADA	06/21/2010
Katsuichi SAITO	06/17/2010
Naoto HASHIMOTO	06/17/2010
Yasuhiro HASA	06/17/2010

RECEIVING PARTY DATA

Name:	MITSUBISHI HEAVY INDUSTRIES, LTD.	
Street Address:	16-5, Konan 2-chome, Minato-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	108-8215	

Name:	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY		
Street Address:	3-1, Kasumigaseki 1-chome, Chiyoda-ku		
City:	Tokyo		
State/Country:	JAPAN		
Postal Code:	100-8921		

Name:	INCORPORATED ADMINISTRATIVE AGENCY NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION	
Street Address:	3-1-1 Kannondai,	
City:	Tsukuba-shi, Ibaraki	
State/Country:	JAPAN	
Postal Code:	305-8517	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12865273

CORRESPONDENCE DATA

Fax Number: (202)822-1111

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-822-1100

Email: PatentMail@whdapatentlaw.com

Correspondent Name: Westerman, Hattori, Daniels & Adrian, LL

Address Line 1: 1250 Connecticut Avenue, NW

Address Line 2: Suite-700

Address Line 4: Washington, DISTRICT OF COLUMBIA 20036-2657

ATTORNEY DOCKET NUMBER: 100984

NAME OF SUBMITTER: Ken-lchi Hattori

Total Attachments: 3

source=100984_Assignment_07_28_2010#page1.tif source=100984_Assignment_07_28_2010#page2.tif source=100984_Assignment_07_28_2010#page3.tif

2008-24941 (TRAH)-25-5-5-5

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))

<u>MITSUBISHI HEAVY INDUSTRIES, I</u>	CTD., 16-5, Konan 2-chome, Mina	to-ku, Tokyo 108-8215 JAPAN,
National Institute of Advanced Industria	al Science and Technology, 3-1, Ka	sumigaseki 1-chome, Chiyoda-ku,
Tokyo 100-8921 JAPAN and		
Incorporated Administrative Agency Na	itional Agriculture and Food Rese	arch Organization, 3-1-1
Kannondai, Tsukuba-shi, Ibaraki 305-8	517 JAPAN	
(hereinafter, "ASSIGNEE"), the receipt of which is h ASSIGNEE the entire and exclusive right, title and in (Title of Invention)	ereby acknowledged, the undersigned ASSIG terest to the invention entitled	NOR hereby sells, assigns and transfers to
ORGANIC MATERIAL PRODUCTION	ON SYSTEM USING BIOMASS M	MATERIAL AND METHOD
relating to International Patent Application <u>PCT/JP2</u> executed on even date herewith or, if not so executed,	2008/067039 and/or for which application was:	for Letters Patent of the United States was
(a) executed on	; (Insert date of execution of apple	ication, if not concurrent)
(b) filed on	,	
Serial No;	Assignee's attorney is hereby data, when known.	v authorized to insert in (b) the specified
The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirable necluding in the preparation and prosecution of said appearamentation, or public use proceeding, and in any lites to include but not be limited to executing all paper worn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor	ASSIGNEE and without charge to but at the corexpedient, for securing, maintaining and explication(s) and the issuance of said Letters P gation or other legal proceeding which may arrs, including separate assignments and declarate.	expense of said ASSIGNEE, to do all acts inforcing protection for said invention, atent(s), in any interference, reissue, rise or be declared in relation to same, such ations, taking all rightful oaths, providing
$Q \sim r$		` ,
Minoru Clata (Signature)	Minoru GENTA	June 15, 2010
(Signature)	(Type Name)	(Date)
(Signature) Pyrosuki Uchara (Signature)	Ryosuke UEHARA	June 15, 2010
(Signature)	(Type Name)	(Date)
Kinya Funta	Kinya FUJITA	June 15, 2010
(Signature)	(Type Name)	(Date)
1	Tsuyoshi SAKAKI	
(Signature)	(Type Name)	(Date)
,	Noriyuki YAMADA	
(Signature)	(Type Name)	(Date)
, ,	, ,,,	,,
) (Signature)	Katsuichi SAITO (Type Name)	(Date)
(5-8, 20, 20)	· · ·	(Dust)
)(Signature)	Naoto HASHIMOTO (Type Name)	(Date)
(Dignature)		(Dute)
)	Yasuhiro HASA	
(Signature)	(Type Name)	(Date)

2008-2494 (FMH)-08052-15)

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, LT	TD., 16-5, Konan 2-chome, Minato	-ku, Tokyo 108-8215 JAPAN,
National Institute of Advanced Industrial	Science and Technology, 3-1, Kas	umigaseki 1-chome, Chiyoda-ku,
Tokyo 100-8921 JAPAN and		
Incorporated Administrative Agency Nat	ional Agriculture and Food Resea	rch Organization, 3-1-1
Kannondai, Tsukuba-shi, Ibaraki 305-851	17 JAPAN	-
(hereinafter, "ASSIGNEE"), the receipt of which is her ASSIGNEE the entire and exclusive right, title and inter (Title of Invention)		OR hereby sells, assigns and transfers to
ORGANIC MATERIAL PRODUCTION	N SYSTEM USING BIOMASS M	ATERIAL AND METHOD
relating to International Patent Application PCT/JP20 executed on even date herewith or, if not so executed, w		or Letters Patent of the United States was
(a) executed on	_; (Insert date of execution of applic	cation, if not concurrent)
(b) filed on	Assignee's attorney is hereby	authorized to insert in (b) the specified
Serial No/;	data, when known.	
The ASSIGNOR agree(s), when requested by said A which the ASSIGNEE may deem necessary, desirable of including in the preparation and prosecution of said appreexamination, or public use proceeding, and in any litig acts to include but not be limited to executing all papers sworn testimony, and obtaining and producing evidence IN WITNESS WHEREOF, the undersigned inventor	or expedient, for securing, maintaining and en dication(s) and the issuance of said Letters Paration or other legal proceeding which may arise, including separate assignments and declarate.	forcing protection for said invention, atent(s), in any interference, reissue, se or be declared in relation to same, such tions, taking all rightful oaths, providing
	Minoru GENTA	
(Signature)	(Type Name)	(Date)
· - ·	Driemke LIEU AD A	, ,
2)(Signature)	Ryosuke UEHARA (Type Name)	(Date)
	,	,
3)(Signature) Sakahil 4) Tsuy (Sin Sakahil	Kinya FUJITA (Type Name)	(Date)
Tsunosh sakaki	(1971)	, ,
	Tsuyoshi SAKAKI	
(Signature)	(Type Name)	(Date)
5) Horynki Jamada	Noriyuki YAMADA	June 21, 2010
(Signature)	(Type Name)	(Date)
6)	Katsuichi SAITO	
(Signature)	(Type Name)	(Date)
7)	Naoto HASHIMOTO	
(Signature)	(Type Name)	(Date)
8)	Yasuhiro HASA	
(Signature)	(Type Name)	(Date)

2008-249H CPMHA-08032-0

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, L	TD., 16	6-5, Konan 2-chome, Minat	o-ku, Tokyo 108-8215 JAPAN,
National Institute of Advanced Industrial	Scienc	ce and Technology, 3-1, Ka	sumigaseki 1-chome, Chiyoda-ku
Tokyo 100-8921 JAPAN and			
Incorporated Administrative Agency Nat	ional A	Agriculture and Food Resea	arch Organization, 3-1-1
Kannondai, Tsukuba-shi, Ibaraki 305-85	17 JAF	AN	
(hereinafter, "ASSIGNEE"), the receipt of which is her ASSIGNEE the entire and exclusive right, title and inter (Title of Invention)	eby ackr rest to th	nowledged, the undersigned ASSIG e invention entitled	NOR hereby sells, assigns and transfers to
ORGANIC MATERIAL PRODUCTION	N SYS	TEM USING BIOMASS M	IATERIAL AND METHOD
relating to International Patent Application PCT/JP20 executed on even date herewith or, if not so executed, w	08/067 vas:	7039 and/or for which application f	or Letters Patent of the United States was
(a) executed on	_;	(Insert date of execution of appli	cation, if not concurrent)
(b) filed on			
Scrial No;		Assignee's attorney is hereby data, when known.	authorized to insert in (b) the specified
The ASSIGNOR agree(s), when requested by said As which the ASSIGNEE may deem necessary, desirable or including in the preparation and prosecution of said appl reexamination, or public use proceeding, and in any litigate acts to include but not be limited to executing all papers, sworn testimony, and obtaining and producing evidence.	r expedie lication(s ation or c , includi	ent, for securing, maintaining and er s) and the issuance of said Letters Po other legal proceeding which may an	nforcing protection for said invention, atent(s), in any interference, reissue, ise or be declared in relation to same, such
IN WITNESS WHEREOF, the undersigned inventor	(s) has (l	nave) affixed his/her/their signature	(s).
1)		Minoru GENTA	
(Signature)		(Type Name)	(Date)
2)		Ryosuke UEHARA	
(Signature)		(Type Name)	(Date)
3)		Kinya FUJITA	
(Signature)		(Type Name)	(Date)
3)		Tsuyoshi SAKAKI	
(Signature)		(Type Name)	(Date)
		Noriyuki YAMADA	
(Signature)		(Type Name)	(Date)
Les la Colen		,	June 17, 2010
(Signature)		Katsuichi SAITO (Type Name)	(Date)
Nont Had I			June 17, 2010
1) NOOTO (ILS WANTS) (Signature)		Naoto HASHIMOTO	
(Signature)		(Type Name)	(Date)
i) Tasuhiro HAST		Yasuhiro HASA	June 17, 2010
(Signature)		(Type Name)	(Date)

PATENT REEL: 024768 FRAME: 0482

RECORDED: 07/30/2010