Commissioner of Patents & Trademarks	10-01-2009	APO3Rec'd PCT 255 12/4504 Washington, D.C. 20
Form PTO-1595	m PTO-1595	
(Rev. 03/01)		U.S. PATENT AND TRADEMARK OFF
To the honorable Commissioner of .	103575783	hed original document or copy thereof:
1. Name of Conveying Party(ies):		ess of Receiving Party(ies):
MURAYAMA, Tetsuro	Name:	Mitsui Enginering & Shipbuilding Co., Ltd.
HORIGUCHI, Kiyoshi	Street Address:	6-4, Tsukiji 5-chome, Chuo-ku
ARAI, Takashi	Street Address:	
IWASAKI, Toru	City:	Токуо
MORIYA, Hidenori	State/Country:	Japan Postal Code: 1048439
Additional name(s) of conveying party(ies) attached?	No Additional name(s) and add	resses attached? Yes No
3. Nature of Conveyance:		
Assignment	Change of Nar	ne
Security Agreement	Other:	
Merger	Execution Date:	08252009
 Merger 4. Application Number(s) or Patent Number Massignment is being filed together with n Application has been filed already and the 	(s): new application and the first e	
4. Application Number(s) or Patent Number Assignment is being filed together with n Application has been filed already and th	(s): new application and the first e	xecution date of application is : 08252009
4. Application Number(s) or Patent Number Assignment is being filed together with n Application has been filed already and th A. Patent Application Number(s):	(s): new application and the first e ne application filing date is:	xecution date of application is : 08252009
4. Application Number(s) or Patent Number Assignment is being filed together with n Application has been filed already and th A. Patent Application Number(s):	(s): new application and the first e ne application filing date is: B. Issued Patent Nur E. Issued Patent Nur	xecution date of application is : 08252009
 4. Application Number(s) or Patent Number(s) Assignment is being filed together with n Application has been filed already and th A. Patent Application Number(s): Addition 5. Name and address of party to whom correct 	(s): new application and the first e ne application filing date is: B. Issued Patent Nur tional numbers attached?	xecution date of application is : 08252009 nber(s): es No 6. Total number of applica-
 4. Application Number(s) or Patent Number(s) Assignment is being filed together with n Application has been filed already and th A. Patent Application Number(s): Addition 5. Name and address of party to whom correconcerning this matter should be mailed: 	(s): new application and the first e ne application filing date is: B. Issued Patent Nur tional numbers attached?	xecution date of application is : 08252009 nber(s): es No 6. Total number of applica- tions and patents involved: 1
 4. Application Number(s) or Patent Number(s) Assignment is being filed together with n Application has been filed already and th A. Patent Application Number(s): Addition 5. Name and address of party to whom correct concerning this matter should be mailed: CUSTOMER NUMBER (DACOBSON HOLMA) 400 Seventh Street, 	(s): new application and the first e ne application filing date is: B. Issued Patent Nur tional numbers attached? spondence 00136 -or- N PLLC , N.W.	xecution date of application is : 08252009 nber(s): es No 6. Total number of applica- tions and patents involved: 1 7. Total Fee (37 CFR 3.41): \$40.00
 4. Application Number(s) or Patent Number(s) Assignment is being filed together with n Application has been filed already and th A. Patent Application Number(s): Addition 5. Name and address of party to whom correct concerning this matter should be mailed: CUSTOMER NUMBER (S) 	(s): new application and the first e ne application filing date is: B. Issued Patent Nur tional numbers attached? we spondence 00136 -or- N PLLC , N.W. 004-2218	xecution date of application is : 08252009 nber(s): es No 6. Total number of applica- tions and patents involved: 1 7. Total Fee (37 CFR 3.41): \$40.00 Enclosed
 4. Application Number(s) or Patent Number(s) Assignment is being filed together with n Application has been filed already and th A. Patent Application Number(s): Addition 5. Name and address of party to whom correct concerning this matter should be mailed: CUSTOMER NUMBER (S) JACOBSON HOLMA(400 Seventh Street, Washington, D.C. 200) Tel. 202-638-66 	(s): new application and the first e ne application filing date is: B. Issued Patent Nur tional numbers attached? we spondence 00136 -or- N PLLC , N.W. 004-2218	xecution date of application is : 08252009 nber(s): es No 6. Total number of applica- tions and patents involved: 1 7. Total Fee (37 CFR 3.41): \$40.00 Enclosed Any deficiencies in enclosed fees are authorized to be charged to Deposit
 4. Application Number(s) or Patent Number Assignment is being filed together with n Application has been filed already and th A. Patent Application Number(s): Addition 5. Name and address of party to whom correct concerning this matter should be mailed: CUSTOMER NUMBER OF JACOBSON HOLMAN 400 Seventh Street, Washington, D.C. 200 Tel. 202-638-66 	(s): new application and the first e ne application filing date is: B. Issued Patent Nur tional numbers attached? we spondence 00136 -or- N PLLC , N.W. 004-2218	xecution date of application is : 08252009 nber(s): es No 6. Total number of applica- tions and patents involved: 1 7. Total Fee (37 CFR 3.41): \$40.00 Enclosed Any deficiencies in enclosed fees are authorized to be charged to Deposit Account No. 06-1358.
 4. Application Number(s) or Patent Number(s) Assignment is being filed together with n Application has been filed already and th A. Patent Application Number(s): Addition 5. Name and address of party to whom correconcerning this matter should be mailed: CUSTOMER NUMBER (S) JACOBSON HOLMAL 400 Seventh Street, Washington, D.C. 200 Tel. 202-638-66 Attorney Docket Number: P73242US0 	(s): new application and the first e ne application filing date is: B. Issued Patent Nur tional numbers attached? wespondence 00136 -or- N PLLC , N.W. 004-2218 66	xecution date of application is : 08252009 nber(s): es No 6. Total number of applica- tions and patents involved: 1 7. Total Fee (37 CFR 3.41): \$40.00 Enclosed Any deficiencies in enclosed fees are authorized to be charged to Deposit Account No. 06-1358.
 4. Application Number(s) or Patent Number(s) Assignment is being filed together with n Application has been filed already and th A. Patent Application Number(s): Addition 5. Name and address of party to whom correct concerning this matter should be mailed: CUSTOMER NUMBER (S) JACOBSON HOLMA(400 Seventh Street, Washington, D.C. 200) Tel. 202-638-66 Attorney Docket Number: P73242US0 8. Statement and Signature: 	(s): new application and the first ender application filing date is: B. Issued Patent Nur itional numbers attached? Υ tional numbers attached? Υ espondence 00136 -or- N PLLC , N.W. 004-2218 66 DO NOT USE THIS SPACE	xecution date of application is : 08252009 nber(s): es No 6. Total number of applica- tions and patents involved: 1 7. Total Fee (37 CFR 3.41): \$40.00 Enclosed Any deficiencies in enclosed fees are authorized to be charged to Deposit Account No. 06-1358.
 4. Application Number(s) or Patent Number(s) Assignment is being filed together with n Application has been filed already and th A. Patent Application Number(s): Addition 5. Name and address of party to whom correct concerning this matter should be mailed: CUSTOMER NUMBER (JACOBSON HOLMA(400 Seventh Street, Washington, D.C. 200 Tel. 202-638-66 Attorney Docket Number: P73242US0 8. Statement and Signature: To the best of my knowledge and belief, to the best of my knowledge and belief, to the best of my knowledge and belief. 	(s): new application and the first ender application filing date is: B. Issued Patent Nur itional numbers attached? Υ tional numbers attached? Υ espondence 00136 -or- N PLLC , N.W. 004-2218 66 DO NOT USE THIS SPACE	xecution date of application is : 08252009 nber(s): es No 6. Total number of applica- tions and patents involved: 1 7. Total Fee (37 CFR 3.41): \$40.00 Enclosed Any deficiencies in enclosed fees are authorized to be charged to Deposit Account No. 06-1358. CE

PATENT REEL: 023310 FRAME: 0849

IAP03Rec'd PCT 25 SEP 2009 12/450447

ASSIGNMENT OF APPLICATION FOR UNITED STATES PATENT

• . . . •

Whereas, we, (1) MURAYAMA, Tetsuro, (2) HORIGUCHI, Riyoshi, (3) ARAI, Takashi, (4) IWASAKI, Toru and (5) MORIYA, Hidenori, each c/o Mitsui Engineering & Shipbuilding Co., Ltd., Chiba Works, 1, Yawatakaigandori, Ichihara-shi,								
Chiba 2908601 Japan								
have invented certain new and useful improvements in								
METHOD OF DEWATERING GAS HYDRATE AND APPARATUS THEREFOR								
for which an application for United States Letters Patent:								
\mathbf{x} was executed	on even date herewith.							
was filed on	and was assigned Appl. No							
Whereas,	MITSUI ENGINERING & SHIPBUILDING C	(incremation rissignee),						
having a principal place of business at 6-4, Tsukiji 5-chome, Chuo-ku, Tokyo 1048439 Japan								
	-	λ.						
and								
Whereas,		(hereinafter Assignee),						
having a principa	l place of business at							
01 1	1							

is/are desirous of acquiring the entire right, title and interest to the said invention, and in and to the said application and any Letters Patent that may issue thereon;

Now, therefore, for and in consideration of one dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, do hereby sell and assign to the said Assignee, the successors and assigns, the entire right, title and interest of the undersigned in and to the said invention and in and to the said application and all patents which may be granted therefor, and extensions thereof; and the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as their interest is concerned to the said Assignee, as assignee of their entire right, title and interest.

The undersigned hereby further agree that they will communicate to said Assignee or to the successors, assigns and legal representatives, any facts known to us respecting any improvements, and at the expense of said assignee, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid the said Assignee, the successors, assigns and nominees to obtain and endorse proper patent protection for said invention in all countries.

We authorize our attorneys at JACOBSON HOLMAN PLLC to insert into this Assignment document any identifying information concerning this patent application, such as its title, filing date and application number.

> PATENT REEL: 023310 FRAME: 0850

ASSIGNMENT OF APPLICATION FOR UNITED STATES PATENT Page 2

In witness wh	ereof, MUR	AYAMA, Tetsu	ro	
has set his hand this	25th	day of	August	2009
	day	7	nonth	year

(inventor #1 signature)

OKAKU, Toshinobu (printed name)

Witness 1:

Witness 2: SHISHIKURA, Susumu (printed name)

(witness signature) Susumu Shishikura (witness signature)

In witness whereof, HORIGUCHI, Kiyoshi has set his hand this 2009 25thday of August day month year

Kiyoshī HORIGUCHI (inventor #2 signature)

Witness 1:

OKAKU, Toshinobu (printed name)

Witness 2: SHISHIKURA, Susumu (printed name)

(witness signature) (witness signature) <u>Susumu</u> Shishikura (witness signature)

JACOBSON HOLMAN PLLC 400 Seventh Street, N.W. Washington, DC 20004

(202) 638-6666

ASSIGNMENT OF APPLICATION FOR UNITED STATES PATENT Page 3

In witness whereof, ARAI, Takashi 2009 has set his hand this day of 25th August day month year

(inventor #3 signature)

Witness 1:

OKAKU, Toshinobu (printed name)

.

Vozkinska Okaku (vitness signature) Susumu Shishikura (vitness signature)

Witness 2:

SHISHIKURA, Susumu (printed name)

In witness whereof, IWASAKI, Toru has set his hand this 25th day of 2009 August day month year

(inventor #4 signature)

Witness 1: OKAKU, Toshinobu (printed name)

Witness 2: SHISHIKURA, Susumu

(printed name)

(witness signature) Susumu Shishikwa (witness sionature) (witness signature)

JACOBSON HOLMAN PLLC 400 Seventh Street, N.W. Washington, DC 20004

(202) 638-6666

PATENT REEL: 023310 FRAME: 0852

ASSIGNMENT OF APPLICATION FOR UNITED STATES PATENT Page 4

In witness whereof,	MORIYA, Hideno	ori			
has set his hand this 2	5th day of	August	2009		
day		month	year		
		Hidenori Moriya (inventor #5 signature)			
Witness 1: OKAKU, Toshinobu		Joshi	nobu Okeka		
(printed name)		(witness signature)			
Witness 2: SHISHIKURA, Susumu		Susume	Shishikura		
(printed name)		(witness signature)			
In witness whereof, has set his hand this	day of		2009		
day		month	year		
		(inventor #6 signa	ture)		
Witness 1:					
(printed name)		(witness signature)			
Witness 2:					
(printed name)	<u> </u>	(witness signature)			

JACOBSON HOLMAN PLLC 400 Seventh Street, N.W. Washington, DC 20004

(202) 638-6666

RECORDED: 09/25/2009

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