### PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Tatsuya TSUJIUCHI	05/18/2012
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Takuya HIRATA	05/17/2012
Keiji FUJIKAWA	05/17/2012
Tetsuya IMAI	05/17/2012
Hiroshi TANAKA	05/17/2012
Tsuyoshi OISHI	05/17/2012
Masahiko TATSUMI	05/14/2012
Yasuyuki YAGI	05/14/2012
Kazuhiko KAIBARA	05/14/2012

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#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13580469

CORRESPONDENCE DATA

PATENT REEL: 028829 FRAME: 0083 OF \$40.00 13580469

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Total Attachments: 4

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> PATENT REEL: 028829 FRAME: 0084

# U.S. ASSIGNMENT

MITSUBISHI HEAVY INDUSTRIES, LTD.	
16-5, Konan 2-chome, Minato-ku, Tokyo 108-8215 Ja	pan
THE KANSAI ELECTRIC POWER CO., INC.	
6-16, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Os	aka 630-8270 Japan
(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, ASSIGNEE the entire and exclusive right, title and interest to the invention (Title of Invention)	
CO2 RECOVERY UNIT AND CO	D2 RECOVERY METHOD
relating to International Patent Application PCT/JP2011/050285 and/caccouted on even date herewith or, if not so executed, was:	or for which application for Letters Patent of the United States was
(a) executed on; (Insert	date of execution of application, if not concurrent)
	gnee's attorney is hereby authorized to insert in (b) the specified hen known.
and to said application and all Letters Patent(s) of the United States granted substitute, reissue or reexamination application based thereon, for the full te including any extensions thereof (collectively, hereinafter, "said application. The ASSIGNOR agree(s), when requested by said ASSIGNEE and with which the ASSIGNEE may deem necessary, desirable or expedient, for see including in the preparation and prosecution of said application(s) and the irreexamination, or public use proceeding, and in any litigation or other legal acts to include but not be limited to executing all papers, including separate sworn testimony, and obtaining and producing evidence.	m or terms for which the said Letters Patent(s) may be granted and (s) and Letters Patent(s)").  out charge to but at the expense of said ASSIGNEE, to do all acts using, maintaining and enforcing protection for said invention, suance of said Letters Patent(s), in any interference, reissue, stocceding which may arise or be declared in relation to same, such
IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affix  1) Taty Till Tatsuya  (Signature) (7)	TSUJIUCHI May 18, 2012
(Signature) (7)	ne Name) (Dase) NAGAYASU
	pe Name) (Date)
n Takuv	a HIRATA
(Signature) (7)	ne Name) (Date)
	UJIKAWA
	oe Name) (Date)
	uya IMAI pe Name) (Dule)
( line a l	ITANAKA
	ne Name) (Date)
7) Tsuyo	shi OISHI
(Signature) (Ty)	ne Name) (Date)

1/2

8)	Masahiko TATSUMI			
-	(Signature)	(Type Name)	(Date)	
9)	Yasuyuki YAGI			
	(Signature)	(Type Name)	(Date)	
10)		Kazuhiko KAIBARA		
	(Signature)	(Type Name)	(Date)	

2010-529H.09P087US01 2010-529H.09P087US01

#### 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 THE KANSAI ELECTRIC POWER CO., INC. 6-16, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8270 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) CO2 RECOVERY UNIT AND CO2 RECOVERY METHOD relating to International Patent Application PCT/JP2011/050285 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: (Insert date of execution of application, if not concurrent) (a) executed on (b) filed on Assignee's attorney is hereby authorized to insert in (b) the specified data, when known. Serial No. 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). Tatsuya TSUJIUCHI (Type Name) (Date) May 17, 2012 Hiromitsu NAGAYASU (Type Name) (Date) 17. 2012 Takuya HIRATA May (Signature) (Type Name) (Date) May 17, 2012 Keiji FUJIKAWA (Type Name) (Date) May 17, 2012 Tetsuya IMAI (Date) (Type Name) 17, 2012 Hiroshi TANAKA May (Type Name) (Date) May 17, 2012 Tsuyoshi OISHI (Type Name) (Date)

8)	Masaliko Tatsumi	Masahiko TATSUMI	May 14, 2012
_	(Signature)	(Type Name)	(Date)
9)	Yasuyaki Yagi	Yasuyuki YAGI	May 14, 2012
-	(Signature)	(Type Name)	(Date)
10)	Kazukiko Kailara	Kazuhiko KAIBARA	May 14, 2012
	(Signature)	(Type Name)	(Date)