

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOMOYA FUJIMINE	11/12/2014
YOSHIFUMI NAKASHIMA	11/17/2014
JUN IZUMI	11/12/2014
NORIO MIURA	11/13/2014
TADASHI TANIUCHI	11/23/2014
MANABU KUROKI	11/20/2014

RECEIVING PARTY DATA

Name:	TOKYO GAS CO., LTD.
Street Address:	5-20, KAIGAN 1-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	1058527
Name:	ADSORPTION TECHNOLOGY INDUSTRIES, LTD.
Street Address:	2-1303-8, IKEDA, OHMURA-SHI
City:	NAGASAKI
State/Country:	JAPAN
Postal Code:	8560026
Name:	KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION
Street Address:	6-10-1, HAKOZAKI, HIGASHI-KU, FUKUOKA-SHI
City:	FUKUOKA
State/Country:	JAPAN
Postal Code:	8128581
Name:	JNC ENGINEERING CO. LTD.
Street Address:	2-3-1, FUJIMI, CHUO-KU, CHIBA-SHI
City:	CHIBA
State/Country:	JAPAN
Postal Code:	2600015

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14407552

PATENT

CORRESPONDENCE DATA**Fax Number:** (202)293-7860

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 202-293-7060**Email:** bmurray@SUGHRUE.COM, sughrue@sughrue.com**Correspondent Name:** SUGHRUE MION, PLLC**Address Line 1:** 2100 PENNSYLVANIA AVENUE, NW**Address Line 4:** WASHINGTON, D.C. 20037-3213

ATTORNEY DOCKET NUMBER:	Q214835
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NAME OF SUBMITTER:	BRIAN T. MURRAY
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SIGNATURE:	/Brian T. Murray/ New App. Specialist
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DATE SIGNED:	12/17/2014
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Total Attachments: 6

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Assignment

Whereas, We, Tomoya FUJIMINE of Kanagawa, Japan; Yoshifumi NAKASHIMA of Tokyo, Japan; Jun IZUMI of Nagasaki, Japan; Norio MIURA of Fukuoka, Japan; Tadashi TANIUCHI of Chiba, Japan; and Manabu KUROKI of Chiba, Japan, respectively, hereinafter called assignors, have invented certain improvements in GAS SEPARATION DEVICE and executed an application for Letters Patent of the United States of America therefor; and

Whereas, TOKYO GAS CO., LTD. of 5-20, Kaigan 1-chome, Minato-ku, Tokyo, 1058527, Japan;

ADSORPTION TECHNOLOGY INDUSTRIES, LTD. of 2-1303-8, Ikeda, Ohmura-shi, Nagasaki 8560026, Japan;

KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, 6-10-1, Hakozaki, Higashi-ku, Fukuoka-shi, Fukuoka, 8128581, Japan; and

JNC ENGINEERING CO. LTD., 2-3-1, Fujimi, Chuo-ku, Chiba-shi, Chiba, 2600015, Japan (assignees), desire to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignees, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past damages, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignees, its successors and assigns; and we hereby agree that the assignees may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignees in connection with the United States and foreign applications when called upon to do so by the assignees.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 14/407,552 and Confirmation number 1199, filed December 12, 2014) the application number, confirmation number and filing date of said application when known.

11/12/14

Date:

11/12/2014

s/Tomoya FUJIMINE

Tomoya Fujimine

Date:

11/17/2014

s/Yoshifumi NAKASHIMA

Yoshifumi Nakashima

PATENT

REEL: 034526 FRAME: 0977

Date: 11/12/2014 Jun Izumi
s/Jun IZUMI

Date: _____
s/Norio MIURA

Date: _____
s/Tadashi TANIUCHI

Date: _____
s/Manabu KUROKI

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Assignment

Whereas, We, Tomoya FUJIMINE of Kanagawa, Japan; Yoshifumi NAKASHIMA of Tokyo, Japan; Jun IZUMI of Nagasaki, Japan; Norio MIURA of Fukuoka, Japan; Tadashi TANIUCHI of Chiba, Japan; and Manabu KUROKI of Chiba, Japan, respectively, hereinafter called assignors, have invented certain improvements in GAS SEPARATION DEVICE and executed an application for Letters Patent of the United States of America therefor; and

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KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, 6-10-1, Hakozaki, Higashi-ku, Fukuoka-shi, Fukuoka, 8128581, Japan; and

JNC ENGINEERING CO. LTD., 2-3-1, Fujimi, Chuo-ku, Chiba-shi, Chiba, 2600015, Japan (assignees), desire to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignees, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past damages, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignees, its successors and assigns; and we hereby agree that the assignees may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignees in connection with the United States and foreign applications when called upon to do so by the assignees.

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Date:

s/Tomoya FUJIMINE

Date:

s/Yoshifumi NAKASHIMA

Date:

s/Jun IZUMI

Date:

Nov. 13, 2014 三浦 則雄
s/Norio MIURA

Date:

s/Tadashi TANIUCHI

Date:

s/Manabu KUROKI

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ADSORPTION TECHNOLOGY INDUSTRIES, LTD. of 2-1303-8, Ikeda, Ohmura-shi, Nagasaki 8560026, Japan;

KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, 6-10-1, Hakozaki, Higashi-ku, Fukuoka-shi, Fukuoka, 8128581, Japan; and

INC ENGINEERING CO. LTD., 2-3-1, Fujimi, Chuo-ku, Chiba-shi, Chiba, 2600015, Japan (assignees), desire to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignees, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past damages, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignees, its successors and assigns; and we hereby agree that the assignees may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignees in connection with the United States and foreign applications when called upon to do so by the assignees.

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Date:

s/Tomoya FUJIMINE

Date:

s/Yoshifumi NAKASHIMA

Date:

s/Jun IZUMI

Date:

s/Norio MIURA

Date:

Nov. 23, 2014 *Tadashi Taniuchi*

s/Tadashi TANIUCHI

Date:

Nov. 20, 2014 *Muneh Kuroki*

s/Muneh KUROKI

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)