

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FANG ZHANG	12/15/2018
JIANNING LIU	12/15/2018
JINXIN JIA	12/15/2018
XIAOBO ZHANG	12/15/2018
CHENGBAO ZHONG	12/15/2018
SIYUAN TIAN	12/15/2018
GAO GONG	12/15/2018
GUANGHAI LI	12/15/2018
CHANGGUANG GUO	12/15/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15774118

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	KIRK M. MILES, REG NO. 37,891
SIGNATURE:	/Kirk M. Miles/
DATE SIGNED:	02/07/2019
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

INTERNATIONAL
Application No. _____
Attorney Docket No. _____

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

PRESSURE SWING ADSORPTION TYPE OF GAS PRODUCTION DEVICE

(Invention Title)

for which I have this day executed an application for a United States Patent (hereinafter "said application").

AND/OR

for which an application for a United States Patent was filed on 09/26/2018 (mm/dd/yyyy) and bears Application Number 16/088,571 (hereinafter "said application").

AND/OR

for which an international patent application was filed under the Patent Cooperation Treaty on _____ (mm/dd/yyyy), bearing Application No. _____ (hereinafter "said application").

AND, WHEREAS, OSAKA GAS CO., LTD., a corporation of Osaka, Japan, having a place of business at 1-2, Hiranomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 5410046, Japan, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I hereby authorize and request any attorney associated with The Webb Law Firm, Customer No. 28289, to insert here in parentheses (Application No. 16/088,571, filed 09/26/2018) the filing date and application number of said application when known.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to

obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR: Hiroshi TANAKA RESIDENCE: Osaka-shi, Osaka, Japan

EXECUTED this 7 day of December, 2018

H. Tanaka

SIGNATURE

WITNESS:

2. FULL NAME OF ASSIGNOR: Kota YOKOYAMA RESIDENCE: Osaka-shi, Osaka, Japan

EXECUTED this 7 day of December, 2018

K. Yokoyama

SIGNATURE

WITNESS:

Checked Box indicates _ additional page(s) for inventor signatures.