505322019 02/11/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NORIYASU HONJO	09/18/2018

RECEIVING PARTY DATA

Name:	KUBOTA CORPORATION
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City:	OSAKA-SHI
State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16001983

CORRESPONDENCE DATA

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Address Line 2: 420 FT. DUQUESNE BLVD., SUITE 1200 Address Line 4: PITTSBURGH, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	0388-1804272	
NAME OF SUBMITTER:	RICHARD L. BYRNE, REG NO. 28,498	
SIGNATURE:	/Richard L. Byrne/	
DATE SIGNED:	02/07/2019	

Total Attachments: 2

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> **PATENT REEL: 048289 FRAME: 0849** 505322019

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		
X 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		

Page 1 of 2

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

	Application No
	Attorney Docket No
	he rights and interests herein assigned. This rs, executors, administrators and/or assigns, and tors, administrators, successors and/or assigns, as
1. FULL NAME OF ASSIGNOR: Hiroshi TANAKA	RESIDENCE: Osaka-shi, Osaka, Japan
EXECUTED this	H. Jambo
	SIGNATURE
WITNESS:	
	_
2. FULL NAME OF ASSIGNOR: Kota YOKOYAMA	RESIDENCE: Osaka-shi, Osaka, Japan
EXECUTED this 7 day of December	
N NTD TOO	
WITNESS:	
	· -
Checked Box indicates _ additional page	(s) for inventor signatures.

Page 2 of 2

INTERNATIONAL