

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5827700

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHIMPEI NORIOKA	11/12/2019
SUSUMU TAKAMI	11/12/2019
HIROFUMI OHTSUKA	11/12/2019
TAKENORI HIRANO	11/12/2019
RECEIVING PARTY DATA	
Name:	OSAKA GAS CO., LTD.
Street Address:	1-2, HIRANOMACHI 4-CHOME, CHUO-KU, OSAKA
City:	OSAKA-SHI
State/Country:	JAPAN
Postal Code:	5410046
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16614892
CORRESPONDENCE DATA	
Fax Number:	(412)471-4094
<i>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.</i>	
Phone:	412-471-8815
Email:	assignments@webblaw.com
Correspondent Name:	THE WEBB LAW FIRM, P.C.
Address Line 1:	ONE GATEWAY CENTER
Address Line 2:	420 FT. DUQUESNE BLVD, SUITE 1200
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15222
ATTORNEY DOCKET NUMBER:	0388-1908436
NAME OF SUBMITTER:	PAUL M. REZNICK REG. #33059
SIGNATURE:	/Paul M. Reznick/
DATE SIGNED:	11/19/2019
Total Attachments: 4	
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RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Shimpei NORIOKA
Susumu TAKAMI
Hirofumi OHTSUKA
Takenori HIRANO

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) November 12, 2019

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Osaka Gas Co., Ltd.

Internal Address: _____

Street Address: 1-2, Hiranomachi 4-chome, Chuo-ku, Osaka

City: Osaka-shi

State: _____

Country: JAPAN Zip: 5410046

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

16/614,892

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Paul M. Reznick

Internal Address: The Webb Law Firm

Street Address: One Gateway Center
420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Docket Number: 0388 - 1908436

Email Address: assignments@webblaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0

- ☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

/Paul M. Reznick/

Signature

November 19, 2019

Date

Paul M. Reznick

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 051050 FRAME: 0238

INTERNATIONAL
Application No. _____
Attorney Docket No. _____

ASSIGNMENT

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

DESULFURIZING AGENT FOR GASES AND GAS DESULFURIZATION METHOD
(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 _____ (mm/dd/yyyy) and bears Application Number _____ (hereinafter "said application").

AND/OR

☒ for which an international patent application was filed under the Patent Cooperation Treaty on 05/15/2018 (mm/dd/yyyy), bearing Application No. PCT/JP2018/018772 (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. 16/614,892, filed 05/15/2018) 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

INTERNATIONAL

Application No. _____

Attorney Docket No. _____

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:

Shimpei NORIOKA

RESIDENCE:

Osaka-shi, Osaka, Japan

EXECUTED this 12th day of November, 2019

Shimpei Norioka

SIGNATURE

WITNESS:

Ywatamura

Yoko WATAMURA

2. FULL NAME OF ASSIGNOR:

Susumu TAKAMI

RESIDENCE:

Osaka-shi, Osaka, Japan

EXECUTED this 12th day of November, 2019

Susumu Takami

SIGNATURE

WITNESS:

Ywatamura

Yoko WATAMURA

3. FULL NAME OF ASSIGNOR:

Hirofumi OHTSUKA

RESIDENCE:

Osaka-shi, Osaka, Japan

EXECUTED this 12th day of November, 2019

Hirofumi Ohtsuka

SIGNATURE

WITNESS:

Ywatamura

Yoko WATAMURA



Checked Box indicates 1 additional page(s) for inventor signatures.

INTERNATIONAL
Application No. _____
Attorney Docket No. _____

4. FULL NAME OF ASSIGNOR: Takenori HIRANO RESIDENCE: Izumi-shi, Kagoshima, Japan

EXECUTED this 12th day of November, 2019

Takenori Hirano
SIGNATURE

WITNESS:

YwataMura
Yoko WATAMURA

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