

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Masahiro Takahara</td> <td>01/31/2013</td> </tr> <tr> <td>Toshihito Ueda</td> <td>01/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	Masahiro Takahara	01/31/2013	Toshihito Ueda	01/31/2013
Name	Execution Date						
Masahiro Takahara	01/31/2013						
Toshihito Ueda	01/31/2013						
RECEIVING PARTY DATA							
Name:	Daifuku Co., Ltd.						
Street Address:	2-11, Mitejima 3-chome, Nishiyodogawa-ku, Osaka						
City:	Osaka-shi						
State/Country:	JAPAN						
Postal Code:	555-0012						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13720036</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13720036		
Property Type	Number						
Application Number:	13720036						
CORRESPONDENCE DATA							
Fax Number:	4129455933						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</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:	0388-123512						
NAME OF SUBMITTER:	Richard L. Byrne						
Total Attachments: 3 source=512RECCOVER#page1.tif source=512ASSIGN#page1.tif source=512ASSIGN#page2.tif							

OP \$40.00 13720036

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)

Masahiro TAKAHARA
Toshihito UEDA

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

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

Execution Date(s) January 31, 2013

- | | |
|---|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Joint Research Agreement | |
| <input type="checkbox"/> Government Interest Assignment | |
| <input type="checkbox"/> Executive Order 9424, Confirmatory License | |
| <input type="checkbox"/> Other _____ | |

2. Name and address of receiving party(ies)

Name: DAIFUKU CO., LTD.

Internal Address: _____

Street Address: 2-11, Mitejima 3-chome, Nishiyodogawa-ku

Osaka

City: Osaka-shi

State: _____

Country: JAPAN Zip: 555-0012

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

13/720,036

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Russell D. Orkin

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

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00

- | |
|--|
| <input checked="" type="checkbox"/> Authorized to be charged by credit card |
| <input type="checkbox"/> Authorized to be charged to deposit account |
| <input type="checkbox"/> Enclosed |
| <input type="checkbox"/> None required (government interest not affecting title) |

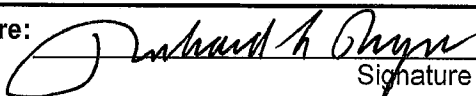
8. Payment Information

a. Credit Card Last 4 Numbers 4775
Expiration Date 05/2015

b. Deposit Account Number 23-0650

Authorized User Name _____

9. Signature:


Signature

March 15, 2013
Date

Richard L. Byrne, Reg. No. 28,498

Name of Person Signing

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

3

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

Worldwide Rights — Sole or Joint

Attorney Docket No.:

Assignment

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto DAIFUKU CO., LTD. with offices at 2-11, Mitejima 3-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 5550012, Japan (hereinafter ASSIGNEE), effective on the date indicated next to my name, all right, title and interest in and to his invention relating to

Inactive Gas Introducing Facility and Inactive Gas Introducing Method

as set forth in his United States Patent Application

executed concurrently herewith

executed January 31, 2013

Serial No. 13/720,036 Filed December 19, 2012

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all divisions, continuations, additions, extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; to be held and enjoyed by said ASSIGNEE, their successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, their successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, their successors, legal representatives or assigns he will communicate to said ASSIGNEE, their successors, legal representatives or assigns all information known to them relating to said invention or patent application and that they will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, their successors, legal representatives or assigns to perfect title to said

PATENT

Attorney Docket No.:

invention, to said application including divisions, continuations, reissues, extensions, additions and renewals thereof and to any and all Letters Patent which may be granted therefor or thereon, in said ASSIGNEE, their successors, or assigns or to assist said ASSIGNEE, their successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent for said invention;

Each of the undersigned hereby grants to the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Names and Signatures of Inventors:

Signature: Masahiro Takahara
Masahiro TAKAHARA

January 31, 2013
Date of this Assignment

Signature: Toshio Ueda
Toshio UEDA

January 31, 2013
Date of this Assignment