

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Daisuke WATANABE</td> <td>01/23/2013</td> </tr> <tr> <td>Shinji OSHIMA</td> <td>01/23/2013</td> </tr> <tr> <td>Rudy COQUET</td> <td>01/04/2013</td> </tr> <tr> <td>Susumu KITAGAWA</td> <td>01/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	Daisuke WATANABE	01/23/2013	Shinji OSHIMA	01/23/2013	Rudy COQUET	01/04/2013	Susumu KITAGAWA	01/21/2013
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<table border="1"> <tr> <td>Name:</td> <td>JX NIPPON OIL & ENERGY CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>6-3, Otemachi 2-chome, Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>100-8162</td> </tr> </table>		Name:	JX NIPPON OIL & ENERGY CORPORATION	Street Address:	6-3, Otemachi 2-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-8162
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CORRESPONDENCE DATA											
<p>Fax Number: 7037161180 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7037161191 Email: gbpatent@gbpatent.com Correspondent Name: Greenblum & Bernstein, P.L.C. Address Line 1: 1950 Roland Clarke Place Address Line 4: Reston, VIRGINIA 20191</p>											
ATTORNEY DOCKET NUMBER:	P43173										
NAME OF SUBMITTER:	Sean Myers-Payne										
<p>Total Attachments: 2 source=P43173_Assign#page1.tif source=P43173_Assign#page2.tif</p>											

OP \$40.00 13805822

COPY

For Non-U.S. Clients

ASSIGNMENT

Whereas, I/we,

NameAddress1) **Daisuke WATANABE**c/o JX Nippon Oil & Energy Corporation,
6-3, Otemachi 2-chome,
Chiyoda-ku, Tokyo 100-8162 Japan2) **Shinji OSHIMA**c/o JX Nippon Oil & Energy Corporation,
6-3, Otemachi 2-chome,
Chiyoda-ku, Tokyo 100-8162 Japan3) **Rudy COQUET**200 chemin des Jayeres,
Granieu, 38490 France
c/o Institute for Integrated Cell-Material Sciences, Kyoto University,4) **Susumu KITAGAWA**Yoshida Ushinomiya-cho, Sakyo-ku,
Kyoto-shi, Kyoto 606-8501 Japan

hereinafter called assignor(s), have invented certain improvements in
POROUS COORDINATION POLYMER, PROCESS FOR PRODUCING SAME, GAS STORAGE METHOD, AND GAS SEPARATION METHOD

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on December 20, 2012, Serial No. 13/805822; and

Whereas

JX Nippon Oil & Energy Corporation
 6-3, Otemachi 2-chome,
 Chiyoda-ku, Tokyo 100-8162 Japan

(assignee), desires 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, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

INVENTORSDATE SIGNED

1): Daisuke WATANABE
 Name: Daisuke WATANABE

January 23, 2013

2): Shinji OSHIMA
 Name: Shinji OSHIMA

January 23, 2013

3): _____
 Name: Rudy COQUET

4): Susumu Kitagawa
 Name: Susumu KITAGAWA

Jan. 21, 2013

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

COPY

For Not. ...

ASSIGNMENT

Whereas, I/we,

NameAddress1) **Daisuke WATANABE**

c/o JX Nippon Oil & Energy Corporation,

6-3, Otemachi 2-chome,
Chiyoda-ku, Tokyo 100-8162 Japan

c/o JX Nippon Oil & Energy Corporation,

2) **Shinji OSHIMA**6-3, Otemachi 2-chome,
Chiyoda-ku, Tokyo 100-8162 Japan3) **Rudy COQUET**200 chemin des Jayeres,
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filed on December 20, 2012, Serial No. 131805822; and

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1):

Name: Daisuke WATANABE

2):

Name:  Shinji OSHIMA

3):

Name: Rudy COQUET

4):

Name: Susumu KITAGAWAJanuary 4, 2013

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