

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:   | NEW ASSIGNMENT   |               |                |                     |            |                 |            |                  |            |
|--|--|---------------|----------------|---------------------|------------|-----------------|------------|------------------|------------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT   |               |                |                     |            |                 |            |                  |            |
| <b>CONVEYING PARTY DATA</b>  |  |               |                |                     |            |                 |            |                  |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Manabu Fukushima</td> <td>09/14/2009</td> </tr> <tr> <td>Masayuki Nakata</td> <td>09/25/2009</td> </tr> <tr> <td>Yuichi Yoshizawa</td> <td>09/14/2009</td> </tr> </tbody> </table> |  | Name          | Execution Date | Manabu Fukushima    | 09/14/2009 | Masayuki Nakata | 09/25/2009 | Yuichi Yoshizawa | 09/14/2009 |
| Name   | Execution Date   |               |                |                     |            |                 |            |                  |            |
| Manabu Fukushima   | 09/14/2009   |               |                |                     |            |                 |            |                  |            |
| Masayuki Nakata  | 09/25/2009   |               |                |                     |            |                 |            |                  |            |
| Yuichi Yoshizawa   | 09/14/2009   |               |                |                     |            |                 |            |                  |            |
| <b>RECEIVING PARTY DATA</b>  |  |               |                |                     |            |                 |            |                  |            |
| Name:  | National Institute of Advanced Industrial Science and Technology |               |                |                     |            |                 |            |                  |            |
| Street Address:  | 3-1, Kasumigaseki 1-chome  |               |                |                     |            |                 |            |                  |            |
| Internal Address:  | Chiyoda-ku   |               |                |                     |            |                 |            |                  |            |
| City:  | Tokyo  |               |                |                     |            |                 |            |                  |            |
| State/Country:   | JAPAN  |               |                |                     |            |                 |            |                  |            |
| Postal Code:   | 100-8921   |               |                |                     |            |                 |            |                  |            |
| <b>PROPERTY NUMBERS Total: 1</b>   |  |               |                |                     |            |                 |            |                  |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12527924</td> </tr> </tbody> </table>  |  | Property Type | Number         | Application Number: | 12527924   |                 |            |                  |            |
| Property Type  | Number   |               |                |                     |            |                 |            |                  |            |
| Application Number:  | 12527924   |               |                |                     |            |                 |            |                  |            |
| <b>CORRESPONDENCE DATA</b>   |  |               |                |                     |            |                 |            |                  |            |
| Fax Number:  | (202)263-4352  |               |                |                     |            |                 |            |                  |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |  |               |                |                     |            |                 |            |                  |            |
| Phone:   | 202 263 4332   |               |                |                     |            |                 |            |                  |            |
| Email:   | dcdocketing@sgrlaw.com   |               |                |                     |            |                 |            |                  |            |
| Correspondent Name:  | Suzannah K. Sundby, Esq.   |               |                |                     |            |                 |            |                  |            |
| Address Line 1:  | 1130 Connecticut Avenue, NW                                      |               |                |                     |            |                 |            |                  |            |
| Address Line 2:  | Suite 1130   |               |                |                     |            |                 |            |                  |            |
| Address Line 4:  | WASHINGTON, DISTRICT OF COLUMBIA 20036                           |               |                |                     |            |                 |            |                  |            |
| ATTORNEY DOCKET NUMBER:  | 034238.003   |               |                |                     |            |                 |            |                  |            |
| NAME OF SUBMITTER:   | Suzannah K. Sundby   |               |                |                     |            |                 |            |                  |            |
| Total Attachments: 1   |  |               |                |                     |            |                 |            |                  |            |

OP \$40.00 12527924

**501030665**

**PATENT  
 REEL: 023598 FRAME: 0383**



ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Manabu FUKUSHIMA, 2. Masayuki NAKATA, 3. Yuichi YOSHIKAWA

hereby sells, assigns and transfers to ASSIGNEE, National Institute of Advanced Industrial Science and Technology, a Japanese entity, having its offices located at 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 Japan, and the successors, assigns and legal representatives of the ASSIGNEE all of their right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

**CERAMIC POROUS BODY WITH COMMUNICATION MACROPORES AND PROCESS FOR PRODUCING THE CERAMIC POROUS BODY**

and which is found in the

U.S. application serial no. 12/527,924, filed on 20 August 2009.

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or their legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEES.

Executed this

14<sup>th</sup> day of September, 2009

15<sup>th</sup> day of September, 2009

14<sup>th</sup> day of September, 2009

Signature of Inventor(s)

Manabu Fukushima  
Manabu FUKUSHIMA

Masayuki Nakata  
Masayuki NAKATA

Y. Yoshizawa  
Yuichi YOSHIKAWA