

PATENT ASSIGNMENT

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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>Masafumi KUNIEDA</td> <td>01/10/2012</td> </tr> <tr> <td>Yuki FUJITA</td> <td>01/10/2012</td> </tr> <tr> <td>Hiroki SATO</td> <td>01/10/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Masafumi KUNIEDA | 01/10/2012 | Yuki FUJITA | 01/10/2012 | Hiroki SATO | 01/10/2012 |
| Name | Execution Date | | | | | | | | |
| Masafumi KUNIEDA | 01/10/2012 | | | | | | | | |
| Yuki FUJITA | 01/10/2012 | | | | | | | | |
| Hiroki SATO | 01/10/2012 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| Name: | IBIDEN CO., LTD. | | | | | | | | |
| Street Address: | 1, Kandacho 2-Chome, Ogaki-Shi | | | | | | | | |
| City: | Gifu | | | | | | | | |
| State/Country: | JAPAN | | | | | | | | |
| Postal Code: | 503-8604 | | | | | | | | |
| 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>13306902</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13306902 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 13306902 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
| Fax Number: | (703)519-9958 | | | | | | | | |
| Phone: | 703-519-9953 | | | | | | | | |
| Email: | MNakai@dcpatent.com | | | | | | | | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | | | | | | | | | |
| Correspondent Name: | Masayasu Mori | | | | | | | | |
| Address Line 1: | 918 PRINCE STREET | | | | | | | | |
| Address Line 4: | Alexandria, VIRGINIA 22314 | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | P5871US00 | | | | | | | | |
| NAME OF SUBMITTER: | Masayasu Mori | | | | | | | | |
| Total Attachments: 2 source=P5871US00-2011-12-19-MISSING-PARTS_Assignment#page1.tif source=P5871US00-2011-12-19-MISSING-PARTS_Assignment#page2.tif | | | | | | | | | |

OP \$40.00 13306902

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned, **(1) Masafumi KUNIEDA, residing at Ibi-Gun, Gifu, Japan, (2) Yuki FUJITA, residing at Ibi-Gun, Gifu, Japan and (3) Hiroki SATO, residing at Ibi-Gun, Gifu, Japan,** hereby sell, assign, and transfer to **IBIDEN CO., LTD.,** a corporation of **Japan** having a principal place of business at **1, Kandacho 2-Chome, Ogaki-Shi, Gifu 503-8604 Japan** ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent, entitled:

HONEYCOMB STRUCTURAL BODY AND EXHAUST GAS CONVERSION APPARATUS

- which has been executed by the undersigned concurrently herewith,
 which was filed on November 29, 2011 and assigned Serial No. 13/306,902

and in to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

January 10, 2012
Date

Masafumi Kunieda
Name: Masafumi KUNIEDA

January 10, 2012
Date

Yuki Fujita
Name: Yuki FUJITA

January 10, 2012
Date

Hiroki Sato
Name: Hiroki SATO