

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                    |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                        |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                   |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>             |
| TSUTOMU AZUMA                                                                                                                                                                                   | 12/05/2018                        |
| HIROHISA MISHIMA                                                                                                                                                                                | 12/05/2018                        |
| TAKEFUMI NAKAKO                                                                                                                                                                                 | 12/05/2018                        |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                   |
| <b>Name:</b>                                                                                                                                                                                    | NISSHIN STEEL CO., LTD.           |
| <b>Street Address:</b>                                                                                                                                                                          | 4-1, MARUNOUCHI 3-CHOME           |
| <b>City:</b>                                                                                                                                                                                    | CHIYODA-KU, TOKYO                 |
| <b>State/Country:</b>                                                                                                                                                                           | JAPAN                             |
| <b>Postal Code:</b>                                                                                                                                                                             | 1008366                           |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                   |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                     |
| <b>Application Number:</b>                                                                                                                                                                      | 16308948                          |
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| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | SOB0096US                         |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | DANIEL P. LENT                    |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Daniel P. Lent/                  |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 12/11/2018                        |
| <b>Total Attachments: 2</b>                                                                                                                                                                     |                                   |
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| source=8773776#page2.tif                                                                                                                                                                        |                                   |

## ASSIGNMENT

WHEREAS We, Tsutomu AZUMA, Hirohisa MISHIMA and Takefumi NAKAKO of c/o NISSHIN STEEL CO., LTD., 4-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1008366 JAPAN (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in:

### **VACUUM INSULATION PANEL MANUFACTURING METHOD, AND VACUUM INSULATION PANEL**

which claims priority to Japanese Application No. 2017-023648, filed February 10, 2017 and Japanese Application No. 2016-117305, filed on June 13, 2016, and for which I am about to file or have filed an application for Letters Patent of the United States;

AND WHEREAS, NISSHIN STEEL CO., LTD. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of JAPAN, having a place of business at 4-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1008366 JAPAN, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention, the applications, and any and all patents that may be issued therefrom, in the United States and in all foreign countries, including any and all revivals, refilings, continuations, continuations-in part, divisions, and reissues thereof, to the said ASSIGNEE; and we, the ASSIGNORS, do hereby agree that we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like

so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: December 5, 2018

Tsutomu Azuma L.S.  
Tsutomu AZUMA

Date: December 5, 2018

Hirohisa Mishima L.S.  
Hirohisa MISHIMA

Date: December 5, 2018

Takefumi Nakako L.S.  
Takefumi NAKAKO