

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                      |               |                                  |                            |                                     |               |            |                       |       |                     |          |
|---|-------------------------------------|---------------|----------------------------------|----------------------------|-------------------------------------|---------------|------------|-----------------------|-------|---------------------|----------|
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                          |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>CONVEYING PARTY DATA</b>   |                                     |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Keiichiro Oishi</td> <td>08/06/2010</td> </tr> <tr> <td>Kazumasa Hori</td> <td>08/05/2010</td> </tr> </tbody> </table>  |                                     | Name          | Execution Date                   | Keiichiro Oishi            | 08/06/2010                          | Kazumasa Hori | 08/05/2010 |                       |       |                     |          |
| Name  | Execution Date                      |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| Keiichiro Oishi   | 08/06/2010                          |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| Kazumasa Hori   | 08/05/2010                          |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>RECEIVING PARTY DATA</b>   |                                     |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;"><b>Name:</b></td> <td>Mitsubishi Shindoh Co., Ltd.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>4-7-35 Kita-shinagawa, Shinagawa-ku</td> </tr> <tr> <td><b>City:</b></td> <td>Tokyo</td> </tr> <tr> <td><b>State/Country:</b></td> <td>JAPAN</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>140-8550</td> </tr> </table>   |                                     | <b>Name:</b>  | Mitsubishi Shindoh Co., Ltd.     | <b>Street Address:</b>     | 4-7-35 Kita-shinagawa, Shinagawa-ku | <b>City:</b>  | Tokyo      | <b>State/Country:</b> | JAPAN | <b>Postal Code:</b> | 140-8550 |
| <b>Name:</b>  | Mitsubishi Shindoh Co., Ltd.        |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>Street Address:</b>  | 4-7-35 Kita-shinagawa, Shinagawa-ku |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>City:</b>  | Tokyo                               |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>State/Country:</b>   | JAPAN                               |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>Postal Code:</b>   | 140-8550                            |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;"><b>Name:</b></td> <td>Mitsubishi Materials Corporation</td> </tr> <tr> <td><b>Street Address:</b></td> <td>3-2, Otemachi 1-chome, Chiyoda-ku</td> </tr> <tr> <td><b>City:</b></td> <td>Tokyo</td> </tr> <tr> <td><b>State/Country:</b></td> <td>JAPAN</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>100-8117</td> </tr> </table> |                                     | <b>Name:</b>  | Mitsubishi Materials Corporation | <b>Street Address:</b>     | 3-2, Otemachi 1-chome, Chiyoda-ku   | <b>City:</b>  | Tokyo      | <b>State/Country:</b> | JAPAN | <b>Postal Code:</b> | 100-8117 |
| <b>Name:</b>  | Mitsubishi Materials Corporation    |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>Street Address:</b>  | 3-2, Otemachi 1-chome, Chiyoda-ku   |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>City:</b>  | Tokyo                               |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>State/Country:</b>   | JAPAN                               |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>Postal Code:</b>   | 100-8117                            |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                     |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>12919206</td> </tr> </tbody> </table>  |                                     | Property Type | Number                           | <b>Application Number:</b> | 12919206                            |               |            |                       |       |                     |          |
| Property Type   | Number                              |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>Application Number:</b>  | 12919206                            |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>CORRESPONDENCE DATA</b>  |                                     |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>Fax Number:</b>  | (703)979-7429                       |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>  |                                     |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>Phone:</b>   | 703-979-5700                        |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>Email:</b>   | GandS@szipl.com                     |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>Correspondent Name:</b>  | GRIFFIN & SZIPL, PC                 |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>Address Line 1:</b>  | SUITE PH-1                          |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>Address Line 2:</b>  | 2300 NINTH STREET, SOUTH            |               |                                  |                            |                                     |               |            |                       |       |                     |          |
| <b>Address Line 4:</b>  | ARLINGTON, VIRGINIA 22204           |               |                                  |                            |                                     |               |            |                       |       |                     |          |

CH \$40.00 12919206

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|--|----------------------|
| ATTORNEY DOCKET NUMBER:                                      | MAKOTO0003           |
| NAME OF SUBMITTER:   | Bridget Devlin Burke |
| Total Attachments: 1<br>source=10-12-21 Assignment#page1.tif |                      |

ASSIGNMENT

The undersigned (hereinafter collectively referred to as "ASSIGNOR"), in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, hereby sells, assigns and transfers to

1) Mitsubishi Shindoh Co., Ltd. 2) Mitsubishi Materials Corporation

(Name of Assignee)

(hereinafter referred to as "ASSIGNEE"), of

- 1) 4-7-35, Kita-shinagawa, Shinagawa-ku, Tokyo 140-8550, JAPAN
2) 3-2, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8117, JAPAN

the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention (hereinafter "INVENTION") entitled:

HIGH STRENGTH AND HIGH CONDUCTIVITY COPPER ALLOY ROD OR WIRE

(Type in Title of Invention)

for which Assignor has executed an application for United States Patent

[ ] on this date (check if assignment and application are executed on same date)

[ ] filed on [ ] (check if Assignment is executed after application)

Month/Day/Year

as United States Patent Application No. (Insert if known)

and all applications on the INVENTION, including any and all divisions, continuations, substitutes and reissues thereof, and all resulting patents on the INVENTION;

ASSIGNOR hereby agrees to testify and to execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection of and title in and to the INVENTION hereby transferred; and

ASSIGNOR hereby authorizes Joerg-Uwe Szipl and Griffin & Szipl, P.C. to insert in this ASSIGNMENT any further information necessary or desirable for recordation.

Table with 3 columns: Full Name of the Inventor(s) (Please type), Signature, Date Signed. Rows include Keiichiro OISHI and Kazumasa HORI with handwritten signatures and dates.

[ ] Check if additional pages are attached.

\* For use with non-U.S. inventors.