

# 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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yuzu YAMAMOTO</td> <td>05/29/2009</td> </tr> <tr> <td>Kiichiro UNO</td> <td>05/29/2009</td> </tr> <tr> <td>Hideyuki HIGO</td> <td>06/02/2009</td> </tr> <tr> <td>Mitsuo IKEDA</td> <td>06/03/2009</td> </tr> </tbody> </table>                      |  | Name          | Execution Date                                 | Yuzu YAMAMOTO          | 05/29/2009                             | Kiichiro UNO | 05/29/2009 | Hideyuki HIGO         | 06/02/2009 | Mitsuo IKEDA        | 06/03/2009 |
| Name  | Execution Date                                 |               |  |                        |  |              |            |                       |            |                     |            |
| Yuzu YAMAMOTO   | 05/29/2009                                     |               |  |                        |  |              |            |                       |            |                     |            |
| Kiichiro UNO  | 05/29/2009                                     |               |  |                        |  |              |            |                       |            |                     |            |
| Hideyuki HIGO   | 06/02/2009                                     |               |  |                        |  |              |            |                       |            |                     |            |
| Mitsuo IKEDA  | 06/03/2009                                     |               |  |                        |  |              |            |                       |            |                     |            |
| <b>RECEIVING PARTY DATA</b>   |  |               |  |                        |  |              |            |                       |            |                     |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Japan Atomic Energy Agency</td> </tr> <tr> <td><b>Street Address:</b></td> <td>4-49, Muramatsu, Tokai-mura, Naka-gun,</td> </tr> <tr> <td><b>City:</b></td> <td>Ibaraki</td> </tr> <tr> <td><b>State/Country:</b></td> <td>JAPAN</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>319-1184</td> </tr> </table>              |  | <b>Name:</b>  | Japan Atomic Energy Agency                     | <b>Street Address:</b> | 4-49, Muramatsu, Tokai-mura, Naka-gun, | <b>City:</b> | Ibaraki    | <b>State/Country:</b> | JAPAN      | <b>Postal Code:</b> | 319-1184   |
| <b>Name:</b>  | Japan Atomic Energy Agency                     |               |  |                        |  |              |            |                       |            |                     |            |
| <b>Street Address:</b>  | 4-49, Muramatsu, Tokai-mura, Naka-gun,         |               |  |                        |  |              |            |                       |            |                     |            |
| <b>City:</b>  | Ibaraki  |               |  |                        |  |              |            |                       |            |                     |            |
| <b>State/Country:</b>   | JAPAN  |               |  |                        |  |              |            |                       |            |                     |            |
| <b>Postal Code:</b>   | 319-1184                                       |               |  |                        |  |              |            |                       |            |                     |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Hitachi Industrial Equipment Systems Co., Ltd.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>3, Kanda Neribei-cho, 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>101-0022</td> </tr> </table> |  | <b>Name:</b>  | Hitachi Industrial Equipment Systems Co., Ltd. | <b>Street Address:</b> | 3, Kanda Neribei-cho, Chiyoda-ku,      | <b>City:</b> | Tokyo      | <b>State/Country:</b> | JAPAN      | <b>Postal Code:</b> | 101-0022   |
| <b>Name:</b>  | Hitachi Industrial Equipment Systems Co., Ltd. |               |  |                        |  |              |            |                       |            |                     |            |
| <b>Street Address:</b>  | 3, Kanda Neribei-cho, Chiyoda-ku,              |               |  |                        |  |              |            |                       |            |                     |            |
| <b>City:</b>  | Tokyo  |               |  |                        |  |              |            |                       |            |                     |            |
| <b>State/Country:</b>   | JAPAN  |               |  |                        |  |              |            |                       |            |                     |            |
| <b>Postal Code:</b>   | 101-0022                                       |               |  |                        |  |              |            |                       |            |                     |            |
| <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>Application Number:</td> <td>12494749</td> </tr> </tbody> </table>   |  | Property Type | Number   | Application Number:    | 12494749                               |              |            |                       |            |                     |            |
| Property Type   | Number   |               |  |                        |  |              |            |                       |            |                     |            |
| Application Number:   | 12494749                                       |               |  |                        |  |              |            |                       |            |                     |            |
| <b>CORRESPONDENCE DATA</b>  |  |               |  |                        |  |              |            |                       |            |                     |            |
| <p>Fax Number: (703)312-6666</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-312-6600</p> <p>Email: rodriguez@antonelli.com</p> <p>Correspondent Name: ANTONELLI, TERRY, STOUT &amp; KRAUS, LLP</p> <p>Address Line 1: 1300 NORTH SEVENTEENTH STREET</p>  |  |               |  |                        |  |              |            |                       |            |                     |            |

OP \$40.00 12494749

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**PATENT**  
**REEL: 022893 FRAME: 0704**

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| NAME OF SUBMITTER: | Gregory E. Montone |
|--------------------|--------------------|

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| Total Attachments: 1<br>source=50038X00ASN#page1.tif |
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# ASSIGNMENT

( 譲渡証 )

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Yuzo YAMAMOTO, Kiichiro UNO, Hideyuki HIGO, and Mitsuo IKEDA, citizens of Japan by JAPAN ATOMIC ENERGY AGENCY, and HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO., LTD., corporations organized under the laws of Japan, located at 4-49, Muramatsu, Tokai-mura, Naka-gun, Ibaraki 319-1184, Japan, and 3, Kanda Neribei-cho, Chiyoda-ku, Tokyo 101-0022, Japan, respectively, receipt of which is hereby acknowledged, we, the said Yuzo YAMAMOTO, Kiichiro UNO, Hideyuki HIGO, and Mitsuo IKEDA, do hereby sell and assign to said JAPAN ATOMIC ENERGY AGENCY, and HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO., LTD., their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

## POWER FEEDING CONTROL APPARATUS AND CHARGING SYSTEM

invented by us and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said JAPAN ATOMIC ENERGY AGENCY, and HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO., LTD., their successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said JAPAN ATOMIC ENERGY AGENCY, and HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO., LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)

(発明者フルネームサイン)

Date Signed

(署名日)

|                  |               |              |
|------------------|---------------|--------------|
| 1) Yuzo YAMAMOTO | YUZO YAMAMOTO | May 29, 2009 |
| 2) Kiichiro UNO  | Kiichiro UNO  | May 29, 2009 |
| 3) Hideyuki HIGO | Hideyuki Higo | Jun 2, 2009  |
| 4) Mitsuo IKEDA  | Mitsuo Ikeda  | Jun 3, 2009  |
| 5)               |               |              |
| 6)               |               |              |
| 7)               |               |              |
| 8)               |               |              |
| 9)               |               |              |
| 10)              |               |              |

PATENT

RECORDED: 06/30/2009

REEL: 022893 FRAME: 0706