## PATENT ASSIGNMENT

**SUBMISSION TYPE:** NEW ASSIGNMENT

**NATURE OF CONVEYANCE:** ASSIGNMENT

### CONVEYING PARTY DATA

<table>
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<tr>
<th>Name</th>
<th>Execution Date</th>
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</thead>
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<tr>
<td>Tatsuaki ISHIJIMA</td>
<td>10/26/2011</td>
</tr>
<tr>
<td>Osamu NASU</td>
<td>12/09/2011</td>
</tr>
<tr>
<td>Muneyuki FUKUDA</td>
<td>10/28/2011</td>
</tr>
<tr>
<td>Takeyoshi OHASHI</td>
<td>10/28/2011</td>
</tr>
<tr>
<td>Hiromasa YAMANASHI</td>
<td>11/15/2011</td>
</tr>
<tr>
<td>Takuji MIYAMOTO</td>
<td>10/26/2011</td>
</tr>
<tr>
<td>Kei SAKAI</td>
<td>10/27/2011</td>
</tr>
</tbody>
</table>

### RECEIVING PARTY DATA

- **Name:** HITACHI HIGH-TECHNOLOGIES CORPORATION
- **Street Address:** 24-14, Nishi-Shimbashi 1-chome
- **Internal Address:** Minato-ku
- **City:** Tokyo
- **State/Country:** JAPAN

### PROPERTY NUMBERS Total: 1

<table>
<thead>
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<tr>
<td>Application Number</td>
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### CORRESPONDENCE DATA

- **Fax Number:** (703)684-1157
- **Phone:** 703-684-1120
- **Email:** jhughes@mmiplaw.com

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

- **Correspondent Name:** MATTINGLY & MALUR, PC
- **Address Line 1:** 1800 DIAGONAL ROAD
- **Address Line 2:** SUITE 370
- **Address Line 4:** ALEXANDRIA, VIRGINIA 22314
ASSIGNMENT

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar ($1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI HIGH-TECHNOLOGIES CORPORATION, a corporation organized under the laws of Japan, located at 24-14, Nishi-Shimbashi 1-chome, Minato-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI HIGH-TECHNOLOGIES CORPORATION, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

SPECIMEN POTENTIAL MEASURING METHOD, AND CHARGED PARTICLE BEAM DEVICE

* PCT International Application Number PCT/JP2010/004346 filed on July 2, 2010

invented by me (if only one is named below) or us (if plural inventors are named below) 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 HITACHI HIGH-TECHNOLOGIES CORPORATION, its 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 me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the 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 I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI HIGH-TECHNOLOGIES CORPORATION.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)

Date Signed

INVENTOR(S)

Date Signed

1) Tatsuaki ISHIJIMA
Tatsuaki ISHIJIMA
10/26/2011

2) Osamu NASU
Osamu NASU
12/9/2011

3) Muneyuki FUKUDA
Muneyuki FUKUDA
10/28/2011

4) Takeyoshi OHASHI
Takeyoshi OHASHI
10/28/2011

5) Hiromasa YAMANASHI
Hiromasa YAMANASHI (deceased)
11/15/2011

6) Takuji MIYAMOTO
Takuji MIYAMOTO
10/26/2011

7) Kei SAKAI
Kei SAKAI
10/27/2011

8) 

9) 

10)