

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2580896

| 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>HISAMITU HATOU</td> <td>06/10/2013</td> </tr> <tr> <td>NOBORU SAITO</td> <td>06/10/2013</td> </tr> <tr> <td>REN MORINAKA</td> <td>06/13/2013</td> </tr> <tr> <td>FUJIO YOSHIKUBO</td> <td>06/12/2013</td> </tr> <tr> <td>MASASHI FUKAYA</td> <td>06/12/2013</td> </tr> <tr> <td>YUJI MATSUI</td> <td>06/12/2013</td> </tr> <tr> <td>RYUJI KIMURA</td> <td>06/12/2013</td> </tr> </tbody> </table> | | Name | Execution Date | HISAMITU HATOU | 06/10/2013 | NOBORU SAITO | 06/10/2013 | REN MORINAKA | 06/13/2013 | FUJIO YOSHIKUBO | 06/12/2013 | MASASHI FUKAYA | 06/12/2013 | YUJI MATSUI | 06/12/2013 | RYUJI KIMURA | 06/12/2013 |
| Name | Execution Date | | | | | | | | | | | | | | | | |
| HISAMITU HATOU | 06/10/2013 | | | | | | | | | | | | | | | | |
| NOBORU SAITO | 06/10/2013 | | | | | | | | | | | | | | | | |
| REN MORINAKA | 06/13/2013 | | | | | | | | | | | | | | | | |
| FUJIO YOSHIKUBO | 06/12/2013 | | | | | | | | | | | | | | | | |
| MASASHI FUKAYA | 06/12/2013 | | | | | | | | | | | | | | | | |
| YUJI MATSUI | 06/12/2013 | | | | | | | | | | | | | | | | |
| RYUJI KIMURA | 06/12/2013 | | | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>HITACHI-GE NUCLEAR ENERGY, LTD.</td> </tr> <tr> <td>Street Address:</td> <td>1-1, SAIWAI-CHO 3-CHOME</td> </tr> <tr> <td>City:</td> <td>HITACHI-SHI, IBARAKI</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table> | | Name: | HITACHI-GE NUCLEAR ENERGY, LTD. | Street Address: | 1-1, SAIWAI-CHO 3-CHOME | City: | HITACHI-SHI, IBARAKI | State/Country: | JAPAN | | | | | | | | |
| Name: | HITACHI-GE NUCLEAR ENERGY, LTD. | | | | | | | | | | | | | | | | |
| Street Address: | 1-1, SAIWAI-CHO 3-CHOME | | | | | | | | | | | | | | | | |
| City: | HITACHI-SHI, IBARAKI | | | | | | | | | | | | | | | | |
| State/Country: | JAPAN | | | | | | | | | | | | | | | | |
| 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>13926068</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13926068 | | | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | | | |
| Application Number: | 13926068 | | | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | | | |
| Fax Number: | (202)628-8844 | | | | | | | | | | | | | | | | |
| Phone: | 2026242500 | | | | | | | | | | | | | | | | |
| Email: | abanerjee@crowell.com | | | | | | | | | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> | | | | | | | | | | | | | | | | | |
| Correspondent Name: | CROWELL & MORING LLP | | | | | | | | | | | | | | | | |
| Address Line 1: | P.O. BOX 14300 | | | | | | | | | | | | | | | | |
| Address Line 4: | WASHINGTON, DISTRICT OF COLUMBIA 20044-4300 | | | | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 109622.65672US | | | | | | | | | | | | | | | | |
| NAME OF SUBMITTER: | MICHAEL H. JACOBS | | | | | | | | | | | | | | | | |

OP \$40.00 13926068

| | |
|--|---------------------|
| Signature: | /Michael H. Jacobs/ |
| Date: | 10/17/2013 |
| Total Attachments: 1 source=65672US_Executed_Assignment#page1.tif | |

ASSIGNMENT

(譲 渡 証)

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-GE Nuclear Energy, Ltd., a corporation organized under the laws of Japan, located at 1-1, Saiwai-cho 3-chome, Hitachi-shi, Ibaraki, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi-GE Nuclear Energy, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

METHOD OF EXECUTING SHOT PEENING

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-GE Nuclear Energy, Ltd., 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-GE Nuclear Energy, 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) | Hisamitu HATOU | <u>Hisamitu Hatou</u> | <u>6/10/2013</u> |
| 2) | Noboru SAITO | <u>Noboru Saito</u> | <u>6/10/2013</u> |
| 3) | Ren MORINAKA | <u>Ren Morinaka</u> | <u>6/13/2013</u> |
| 4) | Fujio YOSHIKUBO | <u>Fujio Yoshikubo</u> | <u>6/12/2013</u> |
| 5) | Masashi FUKAYA | <u>Masashi Fukaya</u> | <u>6/12/2013</u> |
| 6) | Yuji MATSUI | <u>Yuji Matsui</u> | <u>6/12/2013</u> |
| 7) | Ryuji KIMURA | <u>Ryuji Kimura</u> R.K. 6/12/2013 | <u>6/12/2013</u> |
| 8) | | | |
| 9) | | | |
| 10) | | | |

PATENT

RECORDED: 10/17/2013

REEL: 031423 FRAME: 0202