

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Satoru Aoike</td> <td>11/29/2010</td> </tr> <tr> <td>Masaaki Tanaka</td> <td>11/30/2010</td> </tr> <tr> <td>Koichi Kurosawa</td> <td>11/30/2010</td> </tr> <tr> <td>Shinobu Okido</td> <td>12/02/2010</td> </tr> <tr> <td>Shinya Ohmori</td> <td>11/30/2010</td> </tr> </tbody> </table>		Name	Execution Date	Satoru Aoike	11/29/2010	Masaaki Tanaka	11/30/2010	Koichi Kurosawa	11/30/2010	Shinobu Okido	12/02/2010	Shinya Ohmori	11/30/2010
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RECEIVING PARTY DATA													
Name:	Hitachi-GE Nuclear Energy, Ltd.												
Street Address:	1-1, Saiwai-cho 3-chome												
Internal Address:	Hitachi-shi												
City:	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>12943227</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12943227								
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CORRESPONDENCE DATA													
Fax Number:	(703)312-6666												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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OP \$40.00 12943227

Total Attachments: 1
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W5857-01(US)
110951609 US01

ASSIGNMENT (讓渡証)

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

ELECTROLYTICALLY ETCHING METHOD AND APPARATUS OF SURFACE
OF NUCLEAR REACTOR CORE INTERNALS

*U.S. Application No. 12/943227 filed on November 10, 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-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)	<u>Satoru Aoike</u> Satoru AOIKE	<u>11/29/2010</u>
2)	<u>Masaaki Tanaka</u> Masaaki TANAKA	<u>11/30/2010</u>
3)	<u>Koichi Kurosawa</u> Koichi KUROSAWA	<u>11/30/2010</u>
4)	<u>Shinobu Okido</u> Shinobu OKIDO	<u>12/2/2010</u>
5)	<u>Shinya Ohmori</u> Shinya OHMORI	<u>11/30/2010</u>
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____

PATENT