

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>Yutaka TAKEUCHI</td> <td>08/03/2012</td> </tr> <tr> <td>Hiroyuki TAKEUCHI</td> <td>08/03/2012</td> </tr> <tr> <td>Kazuki YANO</td> <td>08/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yutaka TAKEUCHI	08/03/2012	Hiroyuki TAKEUCHI	08/03/2012	Kazuki YANO	08/03/2012				
Name	Execution Date												
Yutaka TAKEUCHI	08/03/2012												
Hiroyuki TAKEUCHI	08/03/2012												
Kazuki YANO	08/03/2012												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>KABUSHIKI KAISHA TOSHIBA</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Shibaura 1-Chome</td> </tr> <tr> <td>Internal Address:</td> <td>Minato-Ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>105-8001</td> </tr> </table>		Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, Shibaura 1-Chome	Internal Address:	Minato-Ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	105-8001
Name:	KABUSHIKI KAISHA TOSHIBA												
Street Address:	1-1, Shibaura 1-Chome												
Internal Address:	Minato-Ku												
City:	Tokyo												
State/Country:	JAPAN												
Postal Code:	105-8001												
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>13542911</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13542911								
Property Type	Number												
Application Number:	13542911												
CORRESPONDENCE DATA													
Fax Number: 7034132220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (703) 413-3000 Email: talcalde@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314													
NAME OF SUBMITTER:	Tamara Alcalde												
Total Attachments: 2 source=401594USassignment#page1.tif source=401594USassignment#page2.tif													

OP \$40.00 13542911

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) Yutaka TAKEUCHI, Hiroyuki TAKEUCHI, and Kazuki YANO

of c/o Intellectual Property Division, Toshiba Corporation,

1-1, Shibaura 1-Chome, Minato-Ku, Tokyo 105-8001 Japan

, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: APPARATUS, METHOD AND PROGRAM FOR
MONITORING NUCLEAR THERMAL HYDRAULIC STABILITY OF NUCLEAR REACTOR

(Application No. 13/542,911, filed JULY 6, 2012), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, KABUSHIKI KAISHA TOSHIBA

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo 105-8001 Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

07/09

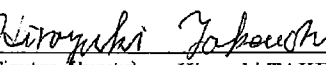
Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: August 3, 2012


(Signature of Inventor) Yutaka TAKEUCHI

Date: August 3, 2012


(Signature of Inventor) Hiroyuki TAKEUCHI

Date: August 3, 2012


(Signature of Inventor) Kazuki YANO

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

07/09