### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

## **CONVEYING PARTY DATA**

| Name            | Execution Date |
|-----------------|----------------|
| Tsutomu TOMATSU | 09/02/2011     |
| Koichi SOMA     | 09/02/2011     |
| Kaoru TAKAGI    | 09/02/2011     |

### RECEIVING PARTY DATA

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## PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 13140907 |

### CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 382008US2PCT |
|-------------------------|--------------|
| NAME OF SUBMITTER:      | Jane Rowden  |

#### Total Attachments: 4

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PATENT REEL: 026863 FRAME: 0280

# **Assignment of Application**

| NSERT NAMES   | WHEREAS, I (WE) Tsutomu TOMATSU, Koichi SOMA and Kaoru TAKAGI  |                |                |   |                 |           |  |
|---|--|----------------|----------------|---|-----------------|-----------|--|
| NSERT NAMES<br>AND RESIDENCE<br>ADDRESS OF<br>HE INVENTORS: | of c/o Intellectual Property Division, Toshiba Corporation,  |                |                |   |                 |           |  |
|   | 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo 105-8001 Japan   |                |                |   |                 |           |  |
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|   |  |                |                |   | , res           | pectively |  |
|   | have invented certain new and useful improvements in:  | CONTROL        | ROD/FUEL       | SUPPORT                                 | HANDLING        |           |  |
| NSERT TITLE OF<br>NVENTION:                                 | APPARATUS  |                |                |   |                 |           |  |
|   | (Application No13/140,907  | , filed        | June 20,       | 2011                                    |                 | ), and    |  |
| INSERT NAME   | WHEREAS, KABUSHIKI KAISHA TOSHIBA  | ***            |                |   |                 |           |  |
| AND ADDRESS OF<br>COMPANY OR<br>OTHER ASSIGNEE              | (hereinafter referred to as "ASSIGNEE") having a pla 105-8001 Japan is desirous of acquiring the entire rig Letters Patent that may be granted therefore in the U foreign countries: | ght, title and | interest in an | d to said inv                           | ention and in a | nd to any |  |

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: | September 2, 2011 |                         |                 |  |
|-------|-------------------|-------------------------|-----------------|--|
|       |                   | (Signature of Inventor) | Tsutomu TOMATSU |  |
| Date: | September 2, 2011 |                         | Koichi Soma     |  |
|       |                   | (Signature of Inventor) | Koichi SOMA     |  |
| Date: |                   |                         |                 |  |
|       |                   | (Signature of Inventor) | Kaoru TAKAGI    |  |

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

## **Assignment of Application**

| NSERT NAMES                                    | WHEREAS, I (WE)     | Tsutomu TOMATSU, Koich                                    | ni SOMA and      | Kaoru TAKAGI                |                         |          |
|--|---------------------|---|------------------|-----------------------------|-------------------------|----------|
| ND RESIDENCE<br>DDRESS OF                      |                     | of c/o Intellectual Property I                            | Division, Tosh   | iba Corporation,            |                         |          |
| HE INVENTORS:                                  |                     | 1-1, Shibaura 1-Chome, Mit                                | ato-Ku, Toky     | o 105-8001 Japan            |                         |          |
|  |                     |   |                  |                             |                         |          |
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|  |                     | ***   |                  |                             | <del></del>             |          |
|  |                     |   |                  |                             | , resp                  | ectively |
| SERT TITLE OF                                  | have invented certa | in new and useful improveme                               | ents in: CONT    | TROL ROD/FUEL SUPPO         | ORT HANDLING            |          |
| VENTION:                                       | APPARATUS           | •   |                  |                             |                         |          |
|  | (Application No     | 13/140,907  | , filed          | June 20, 2011               |                         | _ ), and |
| NSERT NAME                                     | WHEREAS, _1         | KABUSHIKI KAISHA TOSI                                     | IIBA             |                             |                         |          |
| IND ADDRESS OF<br>COMPANY OR<br>OTHER ASSIGNEE | 105-8001 Japan      | d to as "ASSIGNEE") having is desirous of acquiring the e | ntire right, tit | e and interest in and to sa | aid invention and in an | d 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.

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| Date:   |              |                         |                 |   |
|---------|--------------|-------------------------|-----------------|---|
| _       | 4,000        | (Signature of Inventor) | Tsutomu TOMATSU | - |
| Date: _ |              |                         | 11.0.0          |   |
|         |              | (Signature of Inventor) | Koichi SOMA     |   |
| Date: _ | Sep. 2, 2011 | Kaare                   | Tokago          |   |
| _       |              | (Signature of Inventor) | Kaoni TAKAGI    |   |

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RECORDED: 09/07/2011

PATENT REEL: 026863 FRAME: 0284