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Tsugio YOKOYAMA, Mitsuaki YAMAOKA, Yasuyuki MORIKI,
Ryoma KATO, Yasushi TSUBOI and Atsuko MATSUDA

2. Name and address of receiving party(ies):
Name: KABUSHIKI KAISHA TOSHIBA
Address: 1-1, Shibaura 1-Chome, Minato-Ku
Tokyo
Japan

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: February 4, 2005

Additional name(s) and address(es) attached? Yes No

113268 U.S. PTO
11/060625
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4. Application number(s) or patent number(s):
 This document is being filed together with a new application

A. Patent Application No.(s)

B. Patent No.(s)

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5. Name and address of party to whom correspondence concerning document should be mailed:

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6. Total applications and patents involved: 1
7. Total fee (37 CFR 3.41): \$40.00
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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

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C. Irvin McCreland
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2-18-05
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PATENT
REEL: 016304 FRAME: 0994

2-18-05

Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Tsugio YOKOYAMA, Mitsuaki YAMAOKA, Yasuyuki MORIKI, Ryoma KATO,
Yasushi TSUBOI, and Atsuko MATSUDA
of c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-Chome,
Minato-Ku, Tokyo, Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

_____, respectively,
have invented certain new and useful improvements in: FAST REACTOR HAVING REFLECTOR CONTROL
SYSTEM AND NEUTRON REFLECTOR THEREOF

INSERT TITLE
OF INVENTION:

for which an application for Letters Patent was executed on February 4, 2005
(Application No. _____, filed _____), and

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

WHEREAS, KABUSHIKI KAISHA TOSHIBA

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____
1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, 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.

03/03

PATENT
REEL: 016304 FRAME: 0995

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, P.C. 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: February 4, 2005 Tsugio Yokoyama
 (Signature of Inventor) Tsugio YOKOYAMA

Date: February 4, 2005 Mitsuaki Yamaoka
 (Signature of Inventor) Mitsuaki YAMAOKA

Date: February 4, 2005 Yasuyuki Moriki
 (Signature of Inventor) Yasuyuki MORIKI

Date: February 4, 2005 Ryoma Kato
 (Signature of Inventor) Ryoma KATO

Date: February 4, 2005 Yasushi Tsuboi
 (Signature of Inventor) Yasushi TSUBOI

Date: February 4, 2005 Atsuko Matsuda
 (Signature of Inventor) Atsuko MATSUDA

Date: _____
 (Signature of Inventor)

Date: _____
 (Signature of Inventor)

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03/03