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To the Honorable Director of the United States Patent and Trademark Office

and the attached original documents or copy thereof.

1. Name of conveying party(ies):

ENDO, Hitoshi
KAMIYAMA, Tomohiro

2. Name and address of receiving party(ies):

Name: OKI ELECTRIC INDUSTRY CO., LTD.

Address: 7-12, Toranomon 1-chome, Minato-ku,

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

City: Tokyo State/Prov.:

Country: Japan ZIP:

Execution Date: September 10, 2003, September 11, 2003

Additional name(s) & address(es) Yes No

4. Application number(s) or patent numbers(s): 10/668252

If this document is being filed together with a new application, the execution date of the application is: 09/10/03 & 09/11/03

Patent Application No.	Filing date
NEW	SEPTEMBER 24, 2003
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02 FC:8021	40.00 DP

B. Patent No.(s)

Additional numbers Yes No

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

Name: ADAM C. VOLENTINE
Registration No. 33289
Address: VOLENTINE FRANCOS, PLLC
12200 SUNRISE VALLEY DRIVE, SUITE 150

City: RESTON State/Prov.: VA
Country: USA ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

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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.

ADAM C. VOLENTINE
Name of Person Signing

Signature

SEPTEMBER 24, 2003
Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
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P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

EXECUTED, T.K. September
~~October~~ 11, 2003

WITNESS:

ASSIGNOR:

Signature: Hiroshi Tanaka

Signature: Tomohiro Kamiyama

Name: Tomohiro KAMIYAMA

EXECUTED, _____

WITNESS:

ASSIGNOR:

Signature: _____

Signature: _____

Name: _____

EXECUTED, _____

WITNESS:

ASSIGNOR:

Signature: _____

Signature: _____

Name: _____

EXECUTED, _____

WITNESS:

ASSIGNOR:

Signature: _____

Signature: _____

Name: _____

VOLENTINE FRANCOS, PLLC

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Hitoshi ENDO and Tomohiro KAMIYAMA

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to TEST METHOD OF MEMORY IC FUNCTION ON DEVICE BOARD WITH DYNAMIC COMPETING CYCLE

[X] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[] said application having been filed in the United States Patent and Trademark Office on, _____ authorization being hereby given to my attorneys, **Raymond C. Jones and Adam C. Volentine** of **VOLENTINE FRANCOS, PLLC**, , 12200 Sunrise Vally Drive Suite 150, Reston, Virginia 20191, to insert here in parentheses (Application Serial No. _____) the application serial number of said application when known;

[] said application having been filed under the Patent Cooperation Treaty on _____, Serial No.) _____, the United States of America being designated.

AND WHEREAS Ok Electric Industry Co., Ltd.

of 7-12, Toranomom 1-chome, Minato-ku, Tokyo, Japan

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, September 10, 2003

WITNESS:

ASSIGNOR:

Signature: *Yoshihiro Matsumaga*

Signature: *Hitoshi Endo*

Name: Hitoshi ENDO

VOLENTINE FRANCOS, PLLC

PATENT

RECORDED: 09/24/2003

REEL: 014545 FRAME: 0032