

Docket No.: OKI 323

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

FORM PTO-1595 (Modified) (Rev. 03-01) OMB No. 0651-0027 (exp. 5/31/2002) POBA/REV03

04-11-2002

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Tab settings

To the Honorable Commissioner of Patents, please record the attached original documents or copy thereof.

1. Name of conveying party(ies): MORIKAWA, Koichi

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

Name: OKI ELECTRIC INDUSTRY CO., LTD.

Address: 7-12, Toranomom 1-chome, Minato-ku.

City: Tokyo State/Prov.:

Country: Japan ZIP:

Additional names(s) of conveying party(ies) [] Yes [x] No

3. Nature of conveyance:

- [x] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Execution Date: March 19, 2002

Additional name(s) & address(es) [] Yes [x] No

4. Application number(s) or patent numbers(s): 10115003

If this document is being filed together with a new application, the execution date of the application is: March 19, 2002

Patent Application No. Filing date NEW APRIL 4, 2002

B. Patent No.(s)

04/05/2002 HDEMESS1 00000035 500238 10115003 01 FC:581 40.00 OP

Additional numbers

[] Yes [x] No

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

Name: ADAM C. VOLENTINE

Registration No. 33289

Address: VOLENTINE FRANCO, PLLC

12200 SUNRISE VALLEY DRIVE, SUITE 150

City: RESTON State/Prov.: VA

Country: U.S.A. ZIP: 20191

6. Total number of applications and patents involved: 1

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

[x] Enclosed - Any excess or insufficiency should be credited or debited to deposit account

[] Authorized to be charged to deposit account

8. Deposit account number:

50-0238

(Attach duplicate copy of this page if paying by deposit account)

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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.

ADAM C. VOLENTINE

Name of Person Signing

Signature

APRIL 4, 2002

Date

2

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

PATENT REEL: 012763 FRAME: 0440

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Koichi MORIKAWA

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to WRITING OPERATION CONTROL CIRCUIT AND SEMICONDUCTOR MEMORY USING THE SAME

[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 Oki 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, March 19, 2002.

WITNESS:

ASSIGNOR:

Signature: Tabashi Takemura

Signature: Koichi Morikawa

Name: Koichi MORIKAWA

VOLENTINE FRANCOS, PLLC

PATENT

RECORDED: 04/04/2002

REEL: 012763 FRAME: 0441