Docket No.: OKI.545 FORM PTO-1595 (Modified) 06-27-2003 EET U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) Patent and Trademark Office P08A/REV03 Tab settings -> -> To the Honorable Director of the United States Pater 102483538 cord the attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): Osamu KUROKI Name: OKI ELECTRIC INDUSTRY CO., LTD. Address: 7-12, Toranomon 1-chome, Minato-ku Yes X No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ☒ Assignment Merger ☐ Change of Name City: Tokyo Security Agreement State/Prov.: Country: Japan Other ZIP: Execution Date: May 22, 2003 Additional name(s) & address(es) ☐ Yes X No Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: May 22, 2003 Patent Application No. Filing date B. Patent No.(s) June 20, 2003 NEW 06/23/2003 SFELEKE1 00000028 10465696 40.00 DP 03 FC:8021 ☐ Yes 🛛 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: ADAM C. VOLENTINE 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 33,289 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: VOLENTINE FRANCOS, P.L.L.C. Authorized to be charged to deposit account 12200 SUNRISE VALLEY DRIVE, SUITE 150 8. Deposit account number: 50-0238 City: RESTON State/Prov.: VA ZIP: 20191 (Attach duplicate copy of this page if paying by deposit account) Country: USA DO NOT USE THIS SPACE 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. **JUNE 20, 2003** ADAM C. VOLENTINE Date Name of Person Signing Signature Total number of pages including cover sheet, attachments, and

## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Osamu KUROKI	
hereinafter referred to collectively as the assignor, has invented a certain improvement relating to FIELD MEMORY HAVING A LINE MEMORY IN A MEMORY CELL ARRAY	
[K ] 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, the United States of America being designated.	
AND WHEREAS Oki Electric Industry Co., Ltd.	
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 assigner, the receipt of which is hereby acknowledged, said assigner 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 assigner 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, to said assignee, and said assignee's	
executed, May 22	, 2003
WITNESS: ASS	GNOR:
Signature: Akihiro Marumi Sign	ature: Osamu Kuroki e: Osamu KUROKI

**VOLENTINE FRANCOS, PLLC** 

**RECORDED: 06/20/2003** 

PATENT REEL: 014202 FRAME: 0593