Docket No.: OKI.585 FORM PTO-1595 (Modified) 01-20-2004 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings → → hed original documents or copy thereof. 2. Name and address or receiving party(ies): 1. Name of conveying party(ies): Takashi KURAMOCHI Name: OKI ELECTRIC INDUSTRY CO., LTD. Address: 7-12, Toranomon 1-chome, Minato-ku 🔲 Yes 🛛 No Additional names(s) of convey 3. Nature of conveyance: Assignment Merger ☐ Change of Name City: Tokyo State/Prov.: ☐ Security Agreement Country: Japan ZIP: Other Execution Date: October 29, 2003 Additional name(s) & address(es) □ Yes ☑ No 4. 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: October 29, 2003 B. Patent No.(s) Patent Application No. Filing date October 9, 2003 10/681,326 Additional numbers ☐ Yes 🏻 No 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 33,289 Registration No. 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:

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

50-0238

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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

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JANUARY 14, 2004 Date

tal number of pages including cover sheet, attachments, and

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REEL: 014883 FRAME: 0477

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREASTak				
hereinafter referred to collect relating toRECEIV	tively as the assignor, VER / TRANSMIT	has invented a c	ertain improveme T	ent
[] 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; [X] said application having been filed in the United States Patent and Trademark Office on,				
20191, to insert here in pare number of said application v	entheses (Application S when known;	Serial No		the application serial
[] said application having I Serial No.)	peen filed under the Pa	atent Cooperation United States of A	Treaty on America being des	signated.
AND WHEREAS Oki	-12, Toranomon 1-cho	me, Minato-ku, T	okyo, 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 req				
EXECUTED	o, October 2	29, 2003		
WITNESS:		ASSIGNOR:	言持様サイ	
Signature: Alugí	Ito	Signature:	Jakashi F	
Name: <u>Takashi KURAMOCHI</u>				

VOLENTINE FRANCOS, PLLC

RECORDED: 01/14/2004

PATENT REEL: 014883 FRAME: 0478