07-01-2002 FORM PTO-1595 (Modified) HEET U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) Patent and Trademark Office OMB No. (351-0027 (exp.5/31/2002) PQ8A/REVÖ3 Tab settings → → → To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): 5. TAMURA, Junichi 1. ENDO, Nobuyuki Name: OKI ELECTRIC INDUSTRY CO., LTD. 6. ELHADRI, Ali 2. FUJIKI, Yuji 3. GOKO, Hiroki 6-19-02 Address: 7-12, Toranomon 1-chome, Minat-ku, 4. WAJIMA, Fumihiro ☐ Yes 🏻 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ★ Assignment Merger City: Tokyo ☐ Security Agreement Change of Name State/Prov.: Country: Japan ZIP: Other Execution Date: May 20, 2002 X No Additional name(s) & address(es) ☐ Yes 10,173825 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: May 20, 2002 Patent Application No. Filing date B. Patent No.(s) **JUNE 19, 2002 NEW** 06/25/2002 DLY111 00000025 10173826 02 FC±581 ☐ 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. 33289 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: VOLENTINE FRANCOS, PLLC Authorized to be charged to deposit account 12200 SUNRISE VALLEY DRIVE, SUITE 150 8. Deposit account number: 50-0238 City: RESTON State/Prov.: VA (Attach duplicate copy of this page if paying by deposit account) ZIP: 20191 Country: U.S.A. 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 19, 2002** ADAM C. VOLENTINE Date Name of Person Signing Signature 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

Docket No.: OKI.346

REEL: 013026 FRAME: 0560

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Nobuyuki ENDO, Yuji FUJ	IIKI, Hiroki GOKO, Fumihiro WAJIMA,
Junichi TAMURA and Ali ELHADRI hereinafter referred to collectively as the assignor, relating to DUAL PORT RAM	has invented a certain improvement
instrument; said application to be filed in the United [] said application having been filed in the United authorization being he Adam C. Volentine of VOLENTINE FRANCO Virginia 20191, to insert here in parentheses (A application serial number of said application when	States Patent and Trademark Office on, breby given to my attorneys, Raymond C. Jones and S,PLLC, , 12200 Sunrise Vally Drive Suite 150, Reston, Application Serial No) the known;
[] said application having been filed under the Pa Serial No.), the U	atent Cooperation Treaty on, Inited States of America being designated.
hereinafter referred to as the assignee, is desired said application, including any and all divisions at any and all patents which may be granted therefor, thereof; NOW THIS WITNESSETH, that for and invaluable consideration paid by said assignee to said assignor hereby assigns, sells and transferassigns, the full and exclusive right, title and interest and continuations thereof, and in and to said inventing any and all renewals, reissues and processors and assigns, to have, hold, exercise and continuations thereof, and the said invention including any and all renewals, reissues and processors and anywise arising from or appertaining such patents when granted, including any and all and benefit of said assignee, and said assignee manner as the said assigner might or could have hade. AND said assignor hereby agrees to performance and all renewals, reissues and prolongations the any any and all renewals, reissues and prolongations the any	me, Minato-ku, Tokyo, Japan bus of acquiring the entire right, title and interest in and to and continuations thereof, and in and to said invention and including any and all renewals, reissues and prolongations consideration of One Dollar (\$1.00), and other good and aid assignor, the receipt of which is hereby acknowledged, are to said assignee, and said assignee's successors and est in and to said application, including any and all divisions attion and any and all patents which may be granted therefor, or olongations thereof; said assignee, and said assignee's and enjoy the said application, including any and all divisions and any and all patents which may be granted therefor, ongations thereof, with all the rights, powers, privileges and any thereto, for and during the term or terms of any and all a renewals, reissues and prolongations thereof, for the use are successors and assigns, in as ample and beneficial a neld and enjoyed the same, if this assignment had not been true, upon the request of said assignee, or said assignee's the obtaining or to the asserting of said patents, including thereof.
Letters Patent on said application, and on any and to said assignee, and said assignee's successor a	
EXECUTED, May	<u>20</u> , 2002.
WITNESS:	ASSIGNOR:
Signature: Yoshic Sakuta	Signature: Mobuyuki Endo
•	Name: Nobuyuki ENDO

VOLENTINE FRANCOS, PLLC

PATENT REEL: 013026 FRAME: 0561

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT Page 2 of 2

	EXECUTED, May 20)	, 2002.
WITNESS:		ASSIGNOR:	
Signature:	Yoshio Sakata		Yuji Jujibi Yuji FUJIKI
<i>WITNESS:</i> Signature:	EXECUTED, May) Yoshio Sakata	ASSIGNOR: Signature:	
<i>WITNESS:</i> Signature: _	EXECUTED, Mac	ASSIGNOR: Signature:	
<i>WITNESS:</i> Signature: _	EXECUTED, May Yoshic Sakata	ASSIGNOR: Signature:	Junichi Tamura Junichi TAMURA
<i>WITNESS:</i> Signature: _	EXECUTED, May 30 Yoshin Sakata	ASSIGNOR:	, 2002. ALI ELHADRI
	V	Name:	Ali ELHADRI

VOLENTINE FRANCOS, PLLC

RECORDED: 06/19/2002

PATENT REEL: 013026 FRAME: 0562