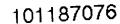
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RECORDATION COVER SHEET

	de la companya de la		
	NAME OF CONVEYING PARTY	:	Takahiro Oda and Yuji Ohta
	NAME OF RECEIVING PARTY	:	Oki Electric Industry Co., Ltd.
	ADDRESS OF RECEIVING PARTY	:	7-12, Toranomon 1-chome, Minato-ku, Tokyo 105, Japan
	NATURE OF CONVEYANCE	:	Assignment of U.S. Patent Application
	CONVEYANCE EXECUTION DATE	:	October 20, 1999
	PATENT APPLICATION NO.	:	To be assigned
	APPLICATION FILED TOGETHER WITH THIS DOCUMENT	:	YES
	APPLICATION EXECUTION DATE	:	October 20, 1999
	CORRESPONDENCE ADDRESS	:	Oki America, Inc. 1725 K Street, N.W., Suite 1110 Washington, D.C. 20006
	ATTORNEY REFERENCE	:	F98TT0028
	TOTAL NUMBER OF PATENTS AND APPLICATIONS INVOLVED	:	One
	TOTAL FEE PAID	:	\$40.00
11/01/1999	METHOD OF PAYMENT JSHABAZZ 00000060 500945 09425170	:	[] Enclosed [X] Authorized to be charged to deposit account 50-0945;
01 FC:581	To the best of my knowledge ar correct and any attached copy is a true		f, the foregoing information is true and
	ر از این در از این در از این در د میشود این در		John John March
	Junichi Mimura (Registration No. 40,351)		Date

Total number of pages including cover sheet, attachments and document: 2.

REEL: 010342 FRAME: 0272

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Takaniro Oda and Yuji Onta of C/O	
hereinafter referred to collectively as the assignor, has in	vented a certain improvement
relating to: IMAGE-INPUT DEVICE	
on, authorization being hereby America, Inc, 1725 K Street, N.W., Suite 1110, Washir Thomas M. Champagne, Robert H. Berdo, Jr., and Charl 1725 K Street, N.W., Suite 1111 Washington, D.C. 200 No) the application serial number of the lead application having been filed under the Pater	es Patent and Trademark Office; e United States Patent and Trademark Office y given to my patent agent, Junichi Mimura of Oki ngton, D.C. 20006 and attorneys, Steven M. Rabin, es W. Peterson, Jr. of RABIN & CHAMPAGNE, P.C., 106, to insert here in parentheses (Application Serial of said application when known;
America being designated.	j. j, the officed states of
AND WHEREAS Oki Electric Industry Co., Ltd. Japan , hereinafter referred to as the assignee, is desand to said application, including any and all divisions ar and any and all patents which may be granted there prolongations thereof; NOW THIS WITNESSETH, that for and in consi valuable consideration paid by said assignee to said assigned assigns, the full and exclusive right, title and interest in a and continuations thereof, and in and to said invention ar including any and all renewals, reissues and prolongation and continuations thereof, and the said invention and including any and all renewals, reissues and prolongation advantages in anywise arising from or appertaining their such patents when granted, including any and all renewals and benefit of said assignee, and said assignee's such patents when granted, including any and all renewals and benefit of said assigner might or could have held ar made. AND said assignor hereby agrees to perform, up successors or assigns, any and all acts relating to the or any and all renewals, reissues and prolongations thereof	and continuations thereof, and in and to said invention afor, including any and all renewals, reissues and deration of One Dollar (\$1.00), and other good and signor, the receipt of which is hereby acknowledged, and assignee, and said assignee's successors and and to said application, including any and all divisions and any and all patents which may be granted therefor, ations thereof; said assignee, and said assignee's by the said application, including any and all divisions any and all patents which may be granted therefor, and all patents which may be granted therefor, and all patents which may be granted therefor, and thereof, with all the rights, powers, privileges and areto, for and during the term or terms of any and all vals, reissues and prolongations thereof, for the use are soon the same, if this assignment had not been been the request of said assignee, or said assignee's obtaining or to the asserting of said patents, including
Letters Patent on said application, and on any and all div	risions and continuations thereof,
to said assignee, and said assignee's successors and as	ssigns, in accordance herewith.
EXECUTED this 20th day of	<u>Uctober</u> 1999.
WITNESSES:	ASSIGNOR:
Signature: Sutoshi Hamasaki	Signature: Lakahiro Oder
Name: Hamasaka	Name: <u>Takahiro Oda</u>
Address: c/o Oki Electric Industry Co., Ltd.	
7-12, Toranomon 1-chome, Minato-ku, Toky	o Japan
Signature: Koichi Suzuki	Signature: Yuji Ohta
Name: Koichi Suzuki	Name: Yuji Ohta
Address: c/o Oki Electric Industry Co., Ltd.	
7-12, Toranomon 1-chome, Minato-ku, Toky Oki America, Inc., Washington, D.C.	o Japan

RECORDED: 10/22/1999

PATENT REEL: 010342 FRAME: 0273