FORM PTO-1595
RECORDATION FORM COVER SHEET PATENTS

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Department of Commerce ts & Trademark Office

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	To the Please re	Honorable Commissioner of ecord the attached original	Patents and Trademarks:
1. Name of	conveying party(ies)		2. Name and address of receiving party(ies):
	OSHIDA; Kenji UCHIYAMA; Tomo IDO; Toru SUZUKI; Takashi Ml		Name: PIONEER ELECTRONIC CORPORATION
Addition	nal name(s) of conveying par	ty(ies) attached?	Internal Address:
	Yes XX No		Street Address: 4-1, Meguro 1-chome
3. Nature (of conveyance:		Meguro-ku, Tokyo, JAPAN
Secur	gnment Merge rity Agreement Chang	er ge of Name	
Execution	on Date: <u>May 28, 1999</u>		Additional name(s) & address(es) attached? YesXX No
If this o	ion number(s) or patent numb document is being filed toge May 28, 1999	per(s): ether with a new application	on, the execution date of the application
A. Pater	nt Application No.(s)		B. Patent No.(s)
Ne	ew Application		B. Patent No.(s) 09/323849
	Add	itional numbers attached?	,
	address of party to whom co should be mailed:	orrespondence concerning	6. Total number of applications and patents involved:
Name: <u>NI</u>	KAIDO, MARMELSTEIN, MURRAY 8	ORAM LLP	_1
Internal	Address:		7. Total fee (37 CFR 3.41) \$_40.00
			XX Included in check #19762 enclosed
	ddress: <u>Metropolitan Square,</u> 30 - G Street Lobby	655 15th St., N.W.,	XX Any additional fees are authorized to be charged to deposit account
	-	:DCZip:_20005-5701_	8. Deposit account number:
/1999 ASFL: MA	N 00000041 09323849	١	14-1060
581	40.00 OP)	(Attach duplicate copy of this page if paying by deposit account)
		DO NOT USE THIS	S SPACE
To the be copy of t ————————————————————————————————————	t and signature. est of my knowledge and beli the original document. orge E. Oram. Jr. e of Person Signing . No. 27,931	Large El Signa	June 2, 1999 Date including cover sheet, attachments and document: 2

Docket	No.		

大大大学 大田子

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert ASSIGNEE's Name(s) Address(es)]

[Title of Invention]

[*If the assignment is being filed after the filing of the application, this section must be completed]

Pioneer Electronic	Corporation of
4-1, Meguro 1-ch	nome, Meguro-ku, Tokyo, Japan
hereby sells, assigns and transfeinvention entitled	receipt of which is hereby acknowledged, the undersigned ASSIGNOR ers to ASSIGNEE the entire and exclusive right, title and interest to the DUCING DEVICE"
for which application for Letter otherwise indicated below:	's Patent of the United States was executed on even date herewith unless
*filed on	. Serial No.

(Nikaido, Marmelstein, Murray & Oram is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s)]

Susumu (oshida	Susumu YOSHIDA	May 28, 1999
(SIGNATURE)	(TYPE NAME)	(DATE)
Kenji Chiyana	Kenji UCHIYAMA	May 28, 1999
(SIGNATURE)	(TYPE NAME)	(DATE)
Tomomiche Kimiera	Tomomichi KIMURA	May 28, 1999
(SIGNATURE)	(TYPE NAME)	(DATE)
Kenjiro Ido	Kenjiro IDO	May 28, 1999
(SIGNATURE)	(TYPE NAME)	(DATE)
Toru Suzuki	Toru SUZUKI	May 28, 1999
(SIGNATURE)	(TYPE NAME)	(DATE)
Takashi Mizoguchi	Takashi MIZOGUCHI	May 28, 1999
(SIGNATURE)	(TYPE NAME)	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)

NO LEGALIZATION REQUIRED

PATENT REEL: 010027 FRAME: 0122

RECORDED: 06/02/1999