FORM PTO-1595 07 - 21 - 1998 (Rev. 6-93)	OVER SELECT SEPARTMENT OF COMMERCE
OMB No. 0651-0011 (exp. 4/94)	Patent and Trademak on
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To the Honorable Commiss	pord the attached original flocurrents or copy thereon
1. Name of conveying party(ies): Shigeaki Watanabe, Kazutoshi Sumiya, Kiyokazu Yamanaka, Yuki Kusumi, Masahiro Oashi, Tatsuya Shimoji, Masayuki Kozuka, Yoshihiro Mimura, Additional name(s) of conveying party(ies) attached? D Yes O No	2. Name and address of receiving party(ies) Name: Matsushita Electric Industria Co., Lta. Internal Address:
3. Nature of conveyance: MRD 4-37-98	
Assignment □ Merger	Street Address: 1006, Oaza Kadoma,
☐ Security Agreement ☐ Change of Name	Kadoma-shi, Osaka-fu, Japan
Other	City:State:ZIP:
Execution Date: September 5, 1997	Additional name(s) & address(es) attached? - Yes No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application	on, the execution date of the application is:
A. Patent Application No.(s) $08/928,010$	B. Patent No.(s)
Additional numbers a	attached? 🖸 Yes 💆 No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Joseph W. Price, Esq.	7. Total fee (37 CFR 3.41)\$ 40.00
Internal Address:	₫ Enclosed
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LIST OF CONVEYING PARTIES:

Yoshiyuki Miyabe Kazuo Okamura Takashi Kakiuchi Junichi Hirai Naoya Takao Toshiya Mori Ikuo Mnakata

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To the Honorable Com	missioner of Patent		41225	RECEIPT ACCUMENTS OF COPY thereof.
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 Name of conveying part 	y(ies):		2. Name and	address of receiving party(ies)
Shigeaki Watanabe	Masahiro Oashi		Name Mat	sushita Electric Industrial
Kazutoshi Kumiya	Tatsuya Shimoj		Ivaine.	co., Ltd.
Kiyokazu Yamanaka	Masayuki Kozuk		Internal Add	dress;
Yuki Kusumi Additional name(s) of conveying p	see attached	S O No		men 2-10-98
	see accached	1 1130		
3. Nature of conveyance:				
	☐ Mer	qer	Street Addr	ess: 1006, Oaza Kadoma,
-		_		shi, Osaka-fu, Japan
☐ Security Agreement	U Gria	nge of Name		
Other	-		City:	State: ZIP:
Execution Date: September	er 5, 1997		Additional nam	re(s) & address(ec) attached? - Q Yes 😷 No
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Name: Joseph W.	Price, Esq.		7. Total fee (3	7 CFR 3.41)\$ 40.00
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9. Statement and signature.				8
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the original document.		· · · · · ·	1	8
Joseph W. Pri	ce	- lux	lž.	\$ February 3, 1998
Name of Person Sign	ning		Signature	Date
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Washington, D.C. 20231

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LIST OF CONVEYING PARTIES:

Yoshiyuki Miyabe Kazuo Okamura Takashi Kakiuchi Junichi Hirai Naoya Takao Toshiya Mori Ikuo Mnakata

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ASSIGNMENT

WHEREAS, We, Shiqeaki WATANABE, Kazutoshi SUMIYA, Kiyokazu YAMANAKA, Yuki KUSUMI, Masahiro OASHI, Tatsuya SHIMOJI, Masayuki KOZUKA, Yoshihiro MIMURA, Yoshiyuki MIYABE, Kazuo OKAMURA, Takashi KAKIUCHI, Junichi HIRAI, Naoya TAKAO, Toshiya MORI, Ikuo MINAKATA citizens of Japan, have invented certain new and useful improvements in an DATA DISPLAY CONTROL APPARATUS FOR CONTROLLING THE DISPLAY OF DATA, A DATA TRANSMISSION APPARATUS FOR TRANSMITTING INFORMATION WHICH IS USED TO CONTROL THE DISPLAY OF DATA, AND A DATA DISPLAY CONTROL INFORMATION EDITING APPARATUS FOR EDITING INFORMATION USED TO CONTROL THE DISPLAY OF DATA for which we have executed application for Letters Patent of the United States, U.S. Serial No. 08/928,010, filed on September 11, 1997, and WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a corporation of Japan, having a principal place of business at 1006,

whereas, Matsushita Electric Industrial Co., LTD., a corporation of Japan, having a principal place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu, Japan, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application,

NOW, THEREFORE, in consideration of the sum of One Hundred Yen (100 ¥) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Shigeaki WATANABE, Kazutoshi SUMIYA, Kiyokazu YAMANAKA, Yuki KUSUMI, Masahiro OASHI, Tatsuya SHIMOJI, Masayuki KOZUKA, Yoshihiro MIMURA, Yoshiyuki MIYABE, Kazuo OKAMURA, Takashi KAKIUCHI, Junichi HIRAI, Naoya TAKAO, Toshiya MORI, and Ikuo MINAKATA

have sold, assigned, transferred and set over, unto said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, the entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals and continuations thereof, and all Letters Patents of the United States, which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every country of the Union, and all applications for Letters Patents which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patents' which may be granted for said improvements in any country or countries foreign to the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents, on applications as aforesaid, to issue all Letters Patents for said improvements to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its

Page 1 of 4

successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

-			
	IN TESTIMONY	WHEREOF,	I hereunto set my hand this 5th
day	of <u>September</u>		1997.
			Shigeahi Watanabe
			Shigeaki WATANABE
	IN TESTIMONY	WHEREOF,	I hereunto set my hand this <u>5th</u>
day	of <u>September</u>	,	1997.
			Kazudoshi Sumiya. kazutoshi SUMIYA
	IN TESTIMONY	WHEREOF,	I hereunto set my hand this <u>5th</u>
day	of September		1997.
			Kiyokazu YAMANAKA
	IN TESTIMONY	WHEREOF,	I hereunto set my hand this _5th
day	of <u>September</u>		1997.
			Yuki KUSUMI
	IN TESTIMONY	WHEREOF,	I hereunto set my hand this 5th
day	of <u>September</u>		1997.
			Tassahiro Oashi
			Masahiro OASHI

Page 2 of 4

	IN TESTIMONY WHEREOF,	I hereunto set my hand this 5th
lay	of <u>September</u> ,	1997.
		Tatsurga Shimoji
	IN TESTIMONY WHEREOF,	I hereunto set my hand this _5th
day	of September ,	<u> </u>
		Masayuki KOZUKA
	IN TESTIMONY WHEREOF,	I hereunto set my hand this <u>5th</u>
day	of September	1997.
		Yoshihiro MIMURA
	IN TESTIMONY WHEREOF,	I hereunto set my hand this <u>5th</u>
day	of <u>September</u> ,	1997.
		Yoshiyuki MIYABE
	IN TESTIMONY WHEREOF,	I hereunto set my hand this5th
day	of <u>September</u> ,	1997.
		Kazua Okamura

	IN TESTIMONY WHEREOF,	I hereunto set my hand this <u>5th</u>
day	of September ,	1997.
		Japashi Kakinhi
		Takashi KAKIUCHI
	IN TESTIMONY WHEREOF,	I hereunto set my hand this5th
day	of <u>September</u> ,	1997.
		Junichi Hirai
		Junichi HIRAI
	IN TESTIMONY WHEREOF,	I hereunto set my hand this5th
day	of <u>September</u> ,	1997.
		Navya Takao
		Naoya TAKAO
	IN TESTIMONY WHEREOF,	I hereunto set my hand this5th
day	of <u>September</u> ,	1997.
		Toshiya Mori
		10002
	IN TESTIMONY WHEREOF,	I hereunto set my hand this5th
day	of <u>September</u> ,	199 7.
		Ikuo MINAKATA

Page 4 of 4