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Name of conveying party(ies)/Execution		2. Name and address of receiving party(ies)
Takeshi Shiba (07/15/2005), Ryo I (07/15/2005), Hidekazu Yabuuchi and Hiroaki Shimizu (07/15/2005)	Motohashi (07/15/2005),	Name: MATSUSHITA ELECTRIC WORKS, LTD. Internal Address:
Execution Date(s): in parentheses after inv Additional name(s) of conveying party(ies) attached?	ventor name	Street Address:
3. Nature of Conveyance: X Assignment Me	erger	1048, Oaza-Kadoma Kadoma-shi, Osaka 571-8686 JAPAN
Government Interest Assignment		State:
Executive Order 9424, Confirmatory Li Other	cense	Country: Zip: Additional name(s) & address(es) Yes X No attached:
Application or patent number(s): A. Patent Application No.(s) This application Addition	X Th	is document is being filed together with a new application. B. Patent No.(s) Yes X No
i. Name and address to whom correspond	dence (6. Total number of applications and
concerning document should be mailed	d:	patents involved:
Name: David T. Nika RADER, FISHMAN & G Internal Address: Atty. Dkt.: HOK-0285 Street Address: 1233 20th Street, N.V Suite 501	aido RAUER PLLC 7	
Name: David T. Nika RADER, FISHMAN & G Internal Address: Atty. Dkt.: HOK-0285 Street Address: 1233 20th Street, N.V	aido RAUER PLLC 7	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed
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08/05/2005 EC00PER 00000069 180013 11189803 01 FC:8021 40.00 DA

RADER, FISHMAN & (GRAUER,	PLLC
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Docket No.	
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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)]

Matsushita Electric Works, Ltd. of

1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of Invention]

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

DEC	TDDC	C A	TODV	DRY	CHA	VED
KHI	JPKU	K.A	LUKY	IJK Y	SHA	V P.K

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on , Serial No.

(Rader, Fishman & Grauer, PLLC is hereby authorized to insert the series 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) of Assignor(s)]

Takeshi Shiba	Takeshi SHIBA	July 15, 2005
(SIGNATURE)	(TYPE NAME)	(DATE)
Pryo Motolashi	Ryo MOTOHASHI	July 15, 2005
(SIGNATURE)	(TYPE NAME)	(DATE)
Hidekeya Yabuuchi	Hidekazu YABUUCHI	July 15, 2005
(SIGNATURE)	(TYPE NAME)	(DATE)
Wiroaki Shimiru	Hiroaki SHIMIZU	July 15, 2005
(SIGNATURE)	(TYPE NAME)	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)

PATENT RECORDED: 07/27/2005 REEL: 016833 FRAME: 0347