

To the Honorable Commissioner of r across and trademarks. Please record the attached original documents or copy there 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Makoto Takemoto; Katsuyuki Kawase; Name: Matsushita Electric Industrial Co., Ltd. Tetsu Takase; Jun Shibata Street Address: 1006, Kadoma, Kadoma-shi Additional name(s) of conveying party(ies) attached? ☐ Yes 🛮 No City: Osaka State: JAPAN MRD 10-24-01 3. Nature of Conveyance: Zip: 571-0050 ☐ Merger Assignment ☐ Security Agreement ☐ Change of Name Additional name(s) of receiving party(ies) attached? □ Yes 🛮 No ☐ Other Execution Date: October 12, 2001 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: October 12, 2001 A. Patent Application No.(s): B. Patent No₁(s): LC:281 40.00.04 10001759 5\03\5001 HWBKII 0000009 10001\23 Additional number(s) attached? □ Yes 🗷 No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning this document should be mailed: Name: Jeffrey J. Sopko 7. Total Fee (37 C.F.R. §3.41)\$40.00 Street Address: 526 Superior Avenue East M Enclosed **Suite 1200** Authorized to be charged to Deposit Account for any uncovered fees City: Cleveland State: OH Zip: 44114-1484 8. Deposit Account No. 16-0820, Order No. 33109 (Attach duplicate copy of this page if paying by deposit account) 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. October 24, 2001 Jeffrey J. Sopko Date Name of Person Signing

Total number of pages includ

PATENT

REEL: 012354 FRAME: 0615

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in RELAY APPARATUS

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the date(s) indicated below, which application is further identified as Pearne & Gordon LLP Docket No. 34109

WHEREAS,		EREAS,	MATSUSHITA ELECTRIC	C INDUSTRIAL CO., LTD.
a corporation of			Japan	, and having a place of business
at	1006,	Kadoma,	Kadoma-shi, Osaka 571	1-0050 Japan
her	einafter	referred to	as "assignee", is desirous of	f acquiring all right, title, and interest
	oughout refor.	the world i	n, to, and under said improve	ements and inventions and patent rights

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents. patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Pearne & Gordon LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document

> Page 1 of 2 PATENT REEL: 012354 FRAME: 0616

IN W	ITNESS WHEREOF, this assignment has been executed below by the undersigned	:
(1)	Inventor Name (sole or joint): Makoto TAKEMOTO	
	Signature: Makoto Takemoto	
	Today's Date: October 12, 2001	
	Date I Signed Declaration: October 12, 2001	
	Witness:	
	Witness:	
(2)	Inventor Name (joint): Katsuyuki KAWASE	
	Signature: Katsuyubi Kawase	
	Today's Date: October 12, 2001	
	Date I Signed Declaration: October 12, 2001	
	Witness:	
	Witness:	
(3)	Inventor Name (joint): Tetsu TAKASE	
	Signature: Vetsu Takase	
	Today's Date: October 12, 2001	
	Date I Signed Declaration: October 12, 2001	
	Witness:	
	Witness:	
(4)	Inventor Name (joint): Jun SHIBATA	
	Signature: <u>Jun Shibata</u>	
	Today's Date: October 12, 2001	
	Date I Signed Declaration: October 12, 2001	
	Witness:	

Witness:

RECORDED: 10/24/2001

Page 2 of 2
PATENT
REEL: 012354 FRAME: 0617