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To the Commissioner for Patents	Please record the attached origin	al documents or copie	s thereof.	
1. Name of Conveying Party(ies):	2. Name and Address of Receiving Party(ies):			
Yasuhiro YUASA Akihito ITO Takafumi ISHIBASHI Kazuhisa MORISHITA		Name:	Matsushita Electric Industrial Co., Ltd.	
		Street Address:	1006, Oa	006, Oaza Kadoma, Kadoma-sh
				17858 U.
3. Nature of Conveyance: ☑ Assignment □ Security Agreemen □ Other:	City, State, Zip:	Osaka, 571-8501, Japan		
Execution Date:	☐ Additional name(s) and address(es) attached.			
4. (A) Patent Application Number(s):		4. (B) Patent Number(s):		
If this document is being filed togeth				
application, the execution date of the		1		
☐ Additional Numb 5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:		Total Number of App	lications and	1
Name:	Eugene Mar	7. Total Fee:	nts involvea:	\$40.00
23364	Bacon & Thomas, PLLC 625 Slaters Lane Fourth Floor Alexandria, VA 22314	Ø Enclosed □ Authorized to be charged to deposit account		
CUSTOMER NUMBER		8. Deposit Account Nu	ımber:	02-0200
		ATTACH DUPLICATE COP	Y OF THIS PAGE	E IF PAYING BY DEPOSIT ACCOUNT
9. Statement and Signature: To the best of my know	vledge and belief, the foregoing	is true and correct ar	nd any attao	thed copy is a
true copy of the origina Richard E. Fichter, Reg. #2	()	2:0- 15	In Os	October 15, 2003
Name of Person Signing		Signature	1 was	Date
-	pages including cover sheet, attach	*	3	

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PATENT REEL: 014610 FRAME: 0313

ASSIGNMENT

WHEREAS, Matsushita Electric Industrial Co., Ltd.

whose post office address is 1006, Oaza Kadoma, Kadoma-shi, Osaka, 571-8501, Japan hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the united States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

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ASSIGNMENT

Page _2_

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