Attorney Docket No.: 10407-106US(A4056MT-US1) Express Label No.: EV456892790US

9/14/04 09-22-2004

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RECORDATION FORM COVER SHEET PATENTS ONLY

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Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)	
Tadashi YANO Masanori SHIMIZU	Matsushita Electric Industrial Co., Ltd. 1006, Oaza Kadoma Kadoma-shi, Osaka 571-8501 JAPAN 870 870 870 870 870 870 870 870 870 87	
Additional name(s) of conveying party(ies) attached? Yes No	္ကတို	
3. Nature of conveyance:	10,4	
	71	
☐ Security Agreement ☐ Change of Name		
☐ Other		
☐ Correction of previously recorded document Reel Frame No.		
Execution Date: September 3, 2004	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, the execution date of the application is:		
•	**	
September 3, 2004		
A. Patent Application No.(s)	B. Patent No.(s)	
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5. Name and address of party to whom correspondence	6. Total number of applications/patents involved: 1	
concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$40	
John D. Simmons	☐ Check enclosed	
AKIN GUMP STRAUSS HAUER & FELD LLP	Authorization to charge deficient fees or credit	
One Commerce Square	any overpayment to Deposit Account.	
2005 Market Street, Suite 2200	8. Deposit Account Number: 50-1017	
Philadelphia, PA 19103 Direct Dial: 215-965-1268	(Attack dualizate convertible page if paying by deposit	
E-mail: jsimmons@akingump.com	(Attach duplicate copy of this page if paying by deposit account)	
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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.		
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John D. Simmons	10 Sin mana Sodember 12 2ml	
John D. Simmons Name of Person Signing	Signature Date	
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- A4036MT

Attorney Docket No.: 10407-106US Your Ref. No.: A4056MT-US1

JOINT

ASSIGNMENT

WHEREAS, we, Tadashi YANO and Masanori SHIMIZU respectively citizens of Japan, with respective post office addresses of 3-20-16, Seikadai, Seika-cho, Soraku-gun, Kyoto 619-0238 Japan and 80-7, Tanabe Yuden, Kyotanabe-shi, Kyoto 610-0311 Japan, hereinafter generally referred to as "ASSIGNORS," have invented a certain new and useful

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for which we have	executed a United States patent application, Application No
filed	, 200 , and

ASSIGNORS authorize ASSIGNEE or ASSIGNEE's representative to insert the Application Number and Filing date of this application if they are unknown at the time of execution of this Assignment.

WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a Japanese corporation having a place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

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PATENT REEL: 015791 FRAME: 0801 said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

September 3, 2004

DATE

Tadashi YANO

September 3, 2004

Masanori Shimizu (Seal)

Masanori SHIMIZU

RECORDED: 09/14/2004