	06-21	-2002 		
PA	TO THE			
1. Name of Party(ies) conveying an interest. 1. Name of Party(ies) conveying an interest. 1. Name and Address of Party(ies) receiving an interest.				
	Hirotoshi HADA	Name: Matsushita Electric Industral		
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No		Internal Address: Street Address: City: State/Zip: Nodama-shi Osaka 571-8501 Japan		
		Additional name(s) and addresses attached?		
3.	Description of the interest conveyed:	Other:		
	☐ Change of Name	Outer.		
	Security Agreement Merger			
	Execution Date: March 18, 2002			
4.	Application number(s) or patent number(s). Additional shee	et attached? ☐ Yes ⊠ No		
If this document is being filed together with a new application, the execution date of the application is: March 18, 2002				
A.	Patent Application No.(s)	B. Patent No.(s)		
A. Patent Application No.(s) B. Patent No.(s) 29/1622/6				
5.	Additional numbers atta	ached?		
5.	concerning document should be mailed:			
	BRINKS HOFER GILSON & LIONE P.O. BOX 10395	7. Total fee (37 CFR 3.41) \$\frac{40}{\times}\$ Enclosed		
	CHICAGO, IL 60610	Authorized to be charged to Deposit Account No.		
	(312)321-4200	23-1925 8. Please charge any deficiencies in fee or credit any		
		overpayment to Deposit Account No. 23-1925.		
DO NOT USE THIS SPACE				
06/20/2002 AAHMED1 00000053 29162216				
1 FC:581 40.00 OP				
9.	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.			
	Tadashi Horie Name of Person Signing Sig	June 12, 2002 pnature Date		
	Total number of pages including cover sheet, attachments, and document: 3			

Rev. Dec.-99 Document5

> PATENT REEL: 012997 FRAME: 0110

Case No. 9353/20

ASSIGNMENT

WHEREAS, Matsushita Electric Industrial Co., Ltd., a corporation organized and existing under the laws of Japan, having a place of business at 1006 Oaza Kadoma, Kadoma-shi Osaka 571-8501 Japan, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenant and agree, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all

REEL: 012997 FRAME: 0111

additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor have executed this agreement.

DATE:	MAR. 18.2002	Hirotoshi Hada
WITNESSED:		Hirotoshi Hada
DATE:	MAR. 1 8. 2002	Jasuhire Tuo
DATE:	MAR. 18. 2002	Yazuhiro Tao Yazumi Naga
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RECORDED: 06/12/2002