Form PTO-1595 (Rev. 03/01)

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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002) Docket No. 740819-854 102198097 DRS/sas To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): 8-15-02 Name: Matsushita Electric Industrial Co., Ltd. (1) Michinari YAMANAKA, (2) Takayuki YAMADA, (3) Hiroaki NAKAOKA, (4) Takeshi YAMASHITA Internal Address: Street Address: 1006, Oaza Kadoma Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No 3. Nature of conveyance: City: Kadoma-shi State: Osaka Zip:\_\_\_ **⊠** Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name Country: JAPAN \_Postal Code: 571-8501 ☐ Other Additional name(s) & address(es) attached? Yes No Execution Date: August 1, 2002 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: August 1, 2002 Patent Application No.(s) B. Patent No.(s) 10,218485 Additional numbers attached? 

Yes 

No 7. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: Attorney Name: **Donald R. Studebaker** 8. Total fee (37 CFR 3.41) .....\$40.00 Firm Name: Nixon Peabody LLP Internal Address: Suite 800 Enclosed Street Address: 8180 Greensboro Drive, ☐ Authorized to be charged to deposit account City: McLean State: VA Zip: 22102 6. Submission Type 9. Deposit account number: ■ New 19-2380 (740819-854) ☐ Resubmission (Non-Recordation) Document ID# (Attach duplicate copy of this page if paying by deposit account) ☐ Correction of PTO Error Reel #\_\_\_\_ Frame #\_\_ ☐ Corrective Document Reel # Frame # DO NOT USE THIS SPACE 10. 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. Donald R. Studebaker #32,815 August 15, 2002 Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 03 CERTIFICATE OF MAILING I her by certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on CHANGE 98/16/5098 Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

**PATENT** 

REEL: 013201 FRAME: 0653

Attorney	Docket	No.		

## ASSIGNMENT

## 

WHEREAS, Matsushita Electric Industrial Co., Ltd. of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan

date(s) indicated below; and

executed an application for Letters Patent of the United States of America on the

(b)

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) 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.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

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The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby convenants that he has (they have) the full right to convey the entire interest herein assigned, and that hehas (they have) not executed, and will not execute, any agreement in conflict herewith.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date:	August 1, 1992	nichinari Jamanaka
•		Michinari YAMANAKA
Date:	August 1. 2002	Takayuhi Jamada Takayuki YAMADA
		Ur roakt Makaoka Hiroaki NAKAOKA
Date: _	August 1, 2002 ,	Takeshi Tanashita Takeshi YAMASHITA
Date:	,	
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Date:		

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**RECORDED: 08/15/2002**