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1. Name of conveying party(ies):

Takenori Shibata

Toshihiro Terada

Nature of conveyance: Assignment

Execution Date: June 7, 2001

A. Patent Application No.(s)

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original document.

Name of Person Signing

Douglas P. Mueller

Douglas P. Mueller

P.O. Box 2903

Name:

Address:

Other:

Security Agreement



07-05-2001



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Yes

No Merger Change of Name 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: B. Patent No.(s) Additional numbers attached?
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No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 Enclosed Merchant & Gould P.C. Authorized to be charged to deposit account Minneapolis, MN 55402-0903 8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725 PATENT TRADEMARK OFFICE DO NOT USE THIS SPACE 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

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SAI**d**1 (003/50) 00000152 09826549 40 00 OP June 21, 2001

Total number of pages including cover sheet, attachments, and document: 3

Date

INSTRUCTIONS

ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS,

Inventor(s) Name, Address, Citizenship

1. <u>Takenori SHIBATA</u> residing at <u>2-2-1303</u>, <u>Tondaokamachi</u>, <u>Takatsuki-shi</u>, <u>Osaka 569-1145</u>, <u>JAPAN</u> and a citizen of <u>Japan</u>;

2. <u>Toshihiro TERADA</u> residing at <u>2-5-4</u>, <u>Mukomotomachi</u>, <u>Amagasaki-shi</u>, <u>Hyogo 661-0043</u>, <u>JAPAN</u> and a citizen of Japan;

Date Patent Declaration Signed and Title Serial No. and filing date (if known) (herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on ______ for this invention, which application is entitled

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and which has been given Serial Number		and the filing
date of	;	

Name of Corporation

AND WHEREAS <u>Matsushita Electric Industrial Co., Ltd.</u> (herein called "ASSIGNEE"), a corporation organized under the laws of <u>Japan</u>, and having an office and place of business at <u>1006-banchi</u>, <u>Oaza-Kadoma</u>, <u>Kadoma-shi</u>, <u>Osaka 571-8501</u>, <u>JAPAN</u>

State or Country of Incorporation and Address

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

PATENT REEL: 011937 FRAME: 0074 IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date

Note: No legalization or other witness required

RECORDED: 06/21/2001

Signature

PATENT REEL: 011937 FRAME: 0075