

01-07-2002

Docket No.: NAK1-BQ82

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



101935914

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

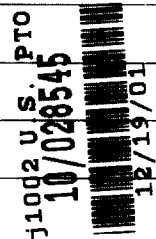
Chikara Gotanda  
Hideto Nakahigashi  
Yuichi Ishikawa

12/19/01

2. Name and address of receiving party(ies):

Name: Matsushita Electric Industrial Co., Ltd.

Address: 1006, Oaza Kadoma, Kadoma-shi



Additional names(s) of conveying party(ies)  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: December 5, 2001

City: Osaka-fu State/Prov.: \_\_\_\_\_

Country: Japan ZIP: 571-8501

Additional name(s) & address(es)  Yes  No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: December 5, 2001

Patent Application No.	Filing date	B. Patent No.(s)
12/31/2001 JBALINAM 00000109 10028545		
02 FC:581	40.00 DP	

Additional numbers

Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Joseph W. Price

Registration No. 25,124

Address: PRICE and GESS  
2100 S.E. Main Street, Suite 250

City: Irvine State/Prov.: CA

Country: USA ZIP: 92614

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
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16-2462

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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.

Joseph W. Price  
Name of Person Signing

Signature

December 19, 2001

4 Date

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

**PATENT**  
**REEL: 012412 FRAME: 0450**

# ASSIGNMENT

**WHEREAS**, we, Chikara GOTANDA, Hideto NAKAHIGASI, and Yuichi ISHIKAWA

citizens of Japan, respectively, have invented certain new and useful improvements in a INTERPOLATION APPARATUS, AND VIDEO SIGNAL PROCESSING

APPARATUS INCLUDING THE SAME

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for which we have executed application for Letters Patent of the United States, on even date herewith;

**WHEREAS**, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD a corporation of Japan, having a principal place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu, 571-8501, Japan is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application,

**NOW, THEREFORE**, in consideration of the sum of One Hundred Yen (100¥) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Chikara GOTANDA, Hideto NAKAHIGASHI, and Yuichi ISHIKAWA have sold, assigned, transferred and set over, unto said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, the entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals and continuations thereof, and all Letters Patents of the United States, which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every country of the Union, and all applications for Letters Patents which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted

for said improvements in any country or countries foreign to the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents, on applications as aforesaid, to issue all Letters Patents for said improvements to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

**AND WE HEREBY** covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

**AND WE HEREBY** further covenant and agree that we will communicate to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5<sup>th</sup> day of  
December, 2001.

Chikara GOTANDA  
Chikara GOTANDA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5<sup>th</sup> day of  
December, 2001.

Hideto NAKAHIGASHI  
Hideto NAKAHIGASHI

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5<sup>th</sup> day of  
December, 2001.

Yuichi ISHIKAWA  
Yuichi ISHIKAWA