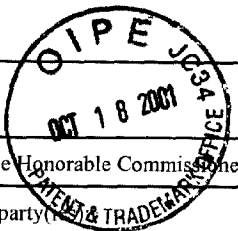


FORM PTO-1595
P21298.P05



10-24-2001



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

To the Honorable Commissioner

101884852

Original documents or copy thereof.

1. Name of Conveying party(ies)

MUTO, Yasuaki
WAKAHARA, Toshio
NIWA, Akio
HIGASHI, Takuma
MORITA, Tomoko
SEKIGUCHI, Yuji

10/18/01

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: August 21, 2001

2. Name and address of receiving party(ies)

Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Internal Address: _____

Street Address: 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501

JAPAN

City: _____ State: _____ ZIP: _____

Additional name(s) and 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: _____

A. Patent Application No.(s)
09/889,585

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

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

Name: Bruce H. Bernstein

Internal Address: P 21298

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

1941 Roland Clarke Place

City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

19-0089

(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.

Bruce H. Bernstein, Reg. No. 29,027

Name of Person Signing

by Leslie J. Depina
Signature

10/18/01
Date

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

10/23/2001 DBYRHE 00000218 09089585

01 FC:581

40.00 DP

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

PATENT
REEL: 012267 FRAME: 0861

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$ 1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. of 1006, Oaza Kadoma, Kadoma-shi,
Osaka 571-8501 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

VIDEO SIGNAL CONVERSION DEVICE AND VIDEO SIGNAL CONVERSION
METHOD

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on 01 August, 2001, Serial No. 09/889,585.

(GREENBLUM & BERNSTEIN, P.L.C. is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent 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, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has(have) affixed his/her/their signature(s).

<u>Yasuaki Muto</u>	<u>Yasuaki MUTO</u>	<u>21 Aug. 2001</u>
(SIGNATURE)	(TYPE NAME)	(DATE)

<u>Toshio Wakahara</u>	<u>Toshio WAKAHARA</u>	<u>21 August, 2001</u>
(SIGNATURE)	(TYPE NAME)	(DATE)

<u>Akio Niwa</u>	<u>Akio NIWA</u>	<u>21 Aug. 2001</u>
(SIGNATURE)	(TYPE NAME)	(DATE)

<u>Takuma Higashi</u>	<u>Takuma HIGASHI</u>	<u>21 August, 2001</u>
(SIGNATURE)	(TYPE NAME)	(DATE)

<u>Morita Tomoko</u>	<u>Tomoko MORITA</u>	<u>21 August, 2001</u>
(SIGNATURE)	(TYPE NAME)	(DATE)

<u>Yuji Sekiguchi</u>	<u>Yuji SEKIGUCHI</u>	<u>21 August 2001</u>
(SIGNATURE)	(TYPE NAME)	(DATE)