

06-19-2003

To the Honorable Director of Patents and Trad



its or copy thereof.

1. Name of Conveying parties:
YAMANO, Atsuhiko
TAKAHARA, Hiroshi
TSUGE, Hitoshi

6-16-03

102477538

ty(ies)

Name: Matsushita Electric Industrial Co., Ltd.

Internal Address:

Street Address: 1006, Oaza Kadoma, Kadoma-shi

Osaka 571-8501, JAPAN

Additional name(s) and address(es) attached? Yes ☒ NoAdditional name(s) of conveying party(ies) attached? Yes ☒ No

3. Nature of conveyance:

☒ Assignment

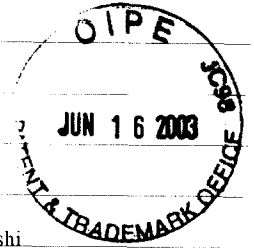
Merger

Security Agreement

Change of Name

Other

Execution Date: May 30, 2003



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)
10/381,047

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: P23506

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

1950 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)

06/18/2003 BYTME 00000169 10301047

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01 FC-0020 and signature.

40.00 EP

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

Signature

Date

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

Mail documents to be recorded with required cover sheet information to:
Director of the United States Patent and Trademark office, Mail Stop Assignments
PO Box 1450 Alexandria, Virginia 22313-1450

ASSIGNMENT

WHEREAS, **Atsuhiko YAMANO**, a citizen of Japan, whose post office address is 2-26-5, Daiwahigashi, Kawanishi-shi, Hyogo 666-0111 Japan, **Hiroshi TAKAHARA**, a citizen of Japan, whose post office address is C-345, Roundcity-Fudo-Koriminami, 1011-1-345, Oaza Uzumasa, Neyagawa-shi, Osaka 572-0807 Japan, and **Hitoshi TSUGE**, a citizen of Japan, whose post office address is 16-1-314, Miyamae-cho, Kadoma-shi, Osaka 571-0074 Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

**DISPLAY UNIT AND DRIVE SYSTEM THEREOF AND
AN INFORMATION DISPLAY UNIT**

for which an application for Letters Patent in the United States was filed in the United States Patent and Trademark Office on March 25, 2003 and awarded Application No. 10/381,047, and which Application is a National Stage of International Application No. PCT/JP01/08331.

AND WHEREAS, **Matsushita Electric Industrial Co., Ltd.**, a corporation organized and existing under the laws of Japan, whose post-office address is 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, their assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS on the respective dates indicated below.

Atsuhiko Yamano may 30, 2003
Atsuhiko YAMANO Date

Hiroshi Takahara may 30, 2003
Hiroshi TAKAHARA Date

Hitoshi Tsuge may 30, 2003
Hitoshi TSUGE Date