

10-07-1998



Attorney Docket No.: 43889-817

100845400

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

1. Name of conveying party(ies): Keisuke TANAKA and Takahiro OCHI

9.25.98

Additional name(s) of conveying party(ies) attached? NO

2. Name and address of receiving party(s):
Matsushita Electric Industrial Co., Ltd.
1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN

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

3. Nature of conveyance:

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

Execution Date: September 22, 1998

09/16/98

JCS11 U.S. PTO
09/16/98
09/25/98

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: September 22, 1998

- A. Patent Application No.(s)
- B. Patent No.(s)

Additional numbers attached? No

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

Edward E. Kubasiewicz, Esq.
McDermott, Will & Emery
600 13th Street, N.W.
Washington, DC 20005

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 No: 13-0203

(Attached 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.

Michael E. Fogarty, No. 36,139
Name of Person Signing

Signature/Date: September 25, 1998

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

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

Attorney Docket No.: 43889-817**ASSIGNMENT**WHEREAS, Keisuke TANAKA, Takahiro OCHI

 _____,
 hereinafter called the "Assignors," have jointly invented a new and useful invention entitled
MICROCOMPUTER WITH A BUILT IN CHARACTER DISPLAY CIRCUIT AND VISUAL
 DISPLAY UNIT USING SUCH A MICROCOMPUTER
 _____, for which they have:

- (a) filed an application for United States Letters Patent on
 _____ as (Serial No. _____); or
- (b) executed an application for United States Letters Patent on
 _____; and

WHEREAS, Matsushita Electric Industrial Co., Ltd.
 _____,
 a corporation organized and existing under the laws of Japan, having a place of business at
1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan
 _____,
 hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and
 to said invention, the application above identified, and in, to and under any Letters Patent which
 may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and
 in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient
 considerations, the receipt of which by said Assignors from the said Assignee is hereby
 acknowledged, the said Assignors have sold, assigned and transferred, and by these presents do
 sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United
 States in and to the invention and application hereinabove identified, and any Letters Patent of
 the United States that may issue for said invention, together with the entire right, title and interest
 in and to said invention and applications for Letters Patent and Letters Patent therefor, in all
 countries foreign to the United States, including the full right to claim for any such application
 all benefits and priority rights under any applicable convention; to have and to hold for the sole
 and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of
 the term or terms for which any and all of said Letters Patent for said inventions may issue.

And the said Assignors do hereby covenant and agree, for themselves and their legal
 representatives, that they will assist their said Assignee in the prosecution of the application

herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignors have hereunto set their hands and affixed their seals.

Date: September 22, 1998 *Keisuke Tanaka* (Seal)
Keisuke TANAKA

WITNESSED:

Date: September 22, 1998 *T. Tanioka* (Seal)
Toshihiko TANIOKA

Date: September 22, 1998 *Takako Shinoda* (Seal)
Takako SHINODA

Date: September 22, 1998 *Takahiro Ochi* (Seal)
Takahiro OCHI

WITNESSED:

Date: September 22, 1998 *T. Tanioka* (Seal)
Toshihiko TANIOKA

Date: September 22, 1998 *Takako Shinoda* (Seal)
Takako SHINODA