

07-22-2004

FORM PTO-1595

RECOF



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

102796583

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

1. Name of conveying party(ies): 7-14-04
Hiroshi Takekawa, Hisashi Takayama, Hayashi Ito,
Tsuyoshi Sakata and Hiroshi Nishikawa

2. Name and address of receiving party(ies):
Name: Matsushita Electric Industrial Co., Ltd.

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

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

Zip: _____

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Additional name(s) of receiving party(ies) attached? Yes No

07/16/2004 MARZ11 00000002 10890631

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40.00 DP

16834 U.S. PTO
10/890631

071404

Execution Date: July 6, 2004

4. Application number(s) or patent number(s): 10890631

If this document is being filed together with a new application, the execution date of the application is: July 6, 2004

A. Patent Application No.(s):

B. Patent No.(s):

Additional number(s) attached? Yes No

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

6. Total number of applications and patents involved: 1

Name: Michael W. Garvey

7. Total Fee (37 C.F.R. §3.41) \$40.00

Street Address: 1801 East 9th Street
Suite 1200

Enclosed
 Authorized to be charged to Deposit Account for any uncovered fees

City: Cleveland State: OH Zip: 44114-3108

8. Deposit Account No.

Customer No.: 000,116

16-0820, Order No. 36935
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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 W. Garvey
Name of Person Signing

Signature

July 14, 2004
Date

Total number of pages including cover sheet, attachments, and document: 4

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in
Information Processing Device and Information Processing Terminal

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below, which application is further identified as Pearne & Gordon LLP Docket No. 36935.

WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.,
a corporation of Japan, having a place of business at 1006, Oaza Kadoma,
Kadoma-shi, Osaka 571-8501 Japan, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder; all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Pearne & Gordon LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name: Hiroshi TAKEKAWA

Signature: Hiroshi Takekawa

Today's Date: July 6, 2004

Date I signed Declaration: July 6, 2004

Witness: _____

Witness: _____

(2) Inventor Name: Hisashi TAKAYAMA

Signature: 高山久

Today's Date: July 6, 2004

Date I signed Declaration: July 6, 2004

Witness: _____

Witness: _____

(3) Inventor Name: Hayashi ITO

Signature: 伊藤 快

Today's Date: July 6, 2004

Date I signed Declaration: July 6, 2004

Witness: _____

Witness: _____

(4) Inventor Name: Tsuyoshi SAKATA

Signature: 坂田 毅

Today's Date: July 6, 2004

Date I signed Declaration: July 6, 2004

Witness: _____

Witness: _____

(5) Inventor Name: Hiroshi NISHIKAWA

Signature: 西川 宏

Today's Date: July 6, 2004

Date I signed Declaration: July 6, 2004

Witness: _____

Witness: _____