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To: Hon. Commissioner of Patents and Tr

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Original document or copy:

1. Name of conveying party(ies):

3-25-02

Ryota HATA, Jun IKEDA, Shuichi OJIMA, Tsuyoshi
HIRASHIMA, Tadashi KAYADA and Kousuke KUBOTAAdditional names? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: Feb. 13, 2002 and Feb. 19, 2002

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 names & addresses attached? ☐ Yes ☒ No

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

Attorney Docket No.: M2047-27

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

A. Patent Serial No.(s): 10/045,611

B. Patent No.(s):

Filing Date: October 25, 2001

Issue Date:

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom
correspondence should be mailed:

Name: Thomas R. Morrison, Esq.

Internal Address: Morrison Law Firm

Street Address: 145 North Fifth Avenue

City: Mount Vernon State: N.Y. ZIP: 10550

6. Total number of applications and patents involved:

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

☒ Enclosed☐ Authorized to be charged to Deposit Account(Attach duplicate copy of page if paying by deposit
account)8. ☒ Charge any additional fees in connection with
this submission to our Deposit Account No. 13-4550.

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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.

Andrew F. Young

Name of Person Signing

Reg. No. 44,001

Signature

Date

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

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PATENT
REEL: 012747 FRAME: 0812

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

**Ryota HATA, Jun IKEDA, Shuichi OJIMA, Tsuyoshi HIRASHIMA,
Tadashi KAYADA and Kousuke KUBOTA**

hereby sells, assigns, and transfers to **Matsushita Electric Industrial Co., Ltd.**

a corporation of **Japan**,

having a place of business at **1006, Oaza Kadoma, Kadoma-Shi, Osaka 571-8501,
Japan**

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, including the right to claim priority, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which:

_____ has been executed by the undersigned concurrently herewith.

 X was filed on October 25, 2001 as Application Serial No. 10/045,611

Attorney Docket No. M2047-27, and is entitled:

ELECTRONIC APPARATUS AND RECORDING MEDIUM THEREFORE

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements, together with the right to sue for past damages, if any:

Agree(s) that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements, execute all rightful oaths, assignments, powers of attorney and other papers, communicate to said