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To the Honorable Commissioner of Patents and Trademarks, Please forward this document or copy thereof.

1. Name of conveying party(ies):

Makoto Horiuchi  
Tsuyoshi Ichibakase  
Tomoyuki Seki

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 3/19/2003

2. Name and address of receiving party(ies)

Name: Matsushita Electric Industrial Co., Ltd.

Internal Address: \_\_\_\_\_

Street Address: 1006, Oaza Kadoma,

Kadoma-shi,

City: Osaka State: Japan Zip: 571-8501

Additional Name(s) & 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)

10/341,017

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gregory A. Stobbs

Internal Address: Harness, Dickey & Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills State: MI Zip: 48303

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. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750.

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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.*

Gregory A. Stobbs  
Name of Person Signing

Greg Stobbs  
Signature

Apr 8, 2003  
Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

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# ASSIGNMENT

WHEREAS, Makoto HORIUCHI, Tsuyoshi ICHIBAKASE, Tomoyuki SEKI  
 \_\_\_\_\_ (hereinafter designated as the undersigned) has (have) invented certain new and useful  
 improvements in IMAGE DISPLAY APPARATUS AND METHOD FOR CONTROLLING  
THE SAME AND IMAGE DISPLAY APPARATUS for which the  
 undersigned has (have):

- (a) filed an application for Letters Patent of the United States of America on  
January 15, 1983 having Serial No. 10/341,017; or
- (b) executed an application for Letters Patent of the United States of America on the  
 date(s) indicated below; and

WHEREAS, Matsushita Electric Industrial Co., Ltd. of  
1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan  
 its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is  
 desirous of acquiring the entire right, title and interest in and to said invention and in and to any  
 Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the  
 undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and  
 valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these  
 presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said  
 invention in the United States of America and its territories and for all foreign countries,  
 dependencies and possessions and the entire right, title and interest in and to the application and any  
 and all Letters Patent(s) which may be granted therefor in the United States of America and its  
 territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations  
 and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this  
 application and any continuing, divisional or reissue applications thereof and also to execute  
 separate assignments in connection with such applications as the Assignee may deem necessary or  
 expedient.

The undersigned agree(s) to execute all papers necessary in connection with any  
 interference which may be declared concerning this application or any continuation, division or  
 reissue thereof or Letters Patent(s) 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.

The undersigned agree(s) to execute all papers and documents and to perform any act  
 which may be necessary in connection with claims under or provisions of the International  
 Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date: March 19, 2003, *Makoto Horieuchi*  
**Makoto HORIUCHI**

Date: March 19, 2003, *Tsuyoshi Ichibakase*  
**Tsuyoshi ICHIBAKASE**

Date: March 19, 2003, *Tomoyuki Seki*  
**Tomoyuki SEKI**

Date: \_\_\_\_\_, \_\_\_\_\_

Date: \_\_\_\_\_, \_\_\_\_\_

Date: \_\_\_\_\_, \_\_\_\_\_

Date: \_\_\_\_\_, \_\_\_\_\_

Date: \_\_\_\_\_, \_\_\_\_\_