

10/522997

U.S. Department of COMMERCE  
United States Patent and Trademark Office

Form PTO-1595 (Rev. 06/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

08-18-2005



PTO Rec'd PCT/PTO 02 FEB 2005  
HDP Docket No. 5077-227/NP  
Express Mail Label No. EV 533 144 244 US

To the Director of the U.S. Patent

103064379

ad documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Koji MORIKAWA  
Takashi OMORI  
Yu OHIGASHI  
Natsuki OKA

Execution Date(s) September 24, 2004

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

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

Street Address: 1006, Oaza Kadoma,

City: Kadoma-shi, Osaka

Country: Japan Zip: 571-8501

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

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

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

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

Phone Number: 248-641-1600

Fax Number: 248-641-0270

Email Address: stobbs@hdp.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 08-0750

Authorized User Name \_\_\_\_\_

9. Signature :

February 2, 2005

Gregory A. STOBBS

Signature

Date

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

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Attorney Docket No. 5077-227/NP**ASSIGNMENT**

WHEREAS, Koji MORIKAWA, Takashi OMORI, Yu OHIGASHI and Natsuki OKA  
 (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements  
 in PREDICTIVE ACTION DETERMINATION APPARATUS AND ACTION  
DETRMINATION METHOD

\_\_\_\_\_ for which the undersigned has (have):

- (a) filed an application for Letters Patent of the United States of America on  
 \_\_\_\_\_ having Serial No. \_\_\_\_\_; 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: September 24, 2004, Koji Morikawa  
Koji MORIKAWA

Date: September 24, 2004, Takashi OMORI  
Takashi OMORI

Date: September 24, 2004, Yu Ohigashi  
Yu OHIGASHI

Date: September 24, 2004, Natsuki OKA  
Natsuki OKA

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

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

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

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