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

1. Name of conveying party(ies):
Kazunari YOSHIMURA, Kuninori NAKAMURA and Yasuyuki YUUKI

Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?

Name:
MATSUSHITA ELECTRIC WORKS, LTD.
Internal Address:
1048, Oaza Kadoma, Kadoma-shi, Osaka, Japan
Street Address:
Same as above

City State Zip

Additional name(s) & address(es) attached?
 yes no

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: June 11 and 12, 1998, respectively

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)
09/084,451

B. Patent No(s).

Additional numbers attached? Yes No

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3202

08/21/1998 TSDKES 00000081 09084451

04 FD=581

40.00 OP

6. Total number of applications and patents involved:
One (1)

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

Darryl Mexic
Name Darryl Mexic Reg. No. 25,063

August 17, 1998
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
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Assignment

Whereas, I/We, Kazunari Yoshimura, Kuninori Nakamura, and
Yasuyuki Yuuki, all of Osaka, Japan

zbx

hereinafter called assignor(s), have invented certain improvements in

DETECTING SYSTEM FOR SURFACE FORM OF OBJECT

and executed an application for Letters Patent of the United States of America therefor on
June 11 and June 12, 1998; and

Whereas, MATSUSHITA ELECTRIC WORKS, LTD. of
1048, Oaza Kadoma, Kadoma-shi, Osaka, Japan
(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its
successors and assigns, the entire right, title and interest in the application and the invention disclosed
therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and
I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth
in the application to the assignee, its successors and assigns; and I/we will execute without further
consideration all papers deemed necessary by the assignee in connection with the United States application
when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application
number 09/084,451, filed May 27, 1998) the filing date and application
number of said application when known.

Date: 98.6.11 s/ Kazunari Yoshimura
Kazunari Yoshimura

Date: 98.6.12 s/ Kuninori Nakamura
Kuninori Nakamura

Date: 98.6.11 s/ Yasuyuki Yuuki
Yasuyuki Yuuki

Date: s/ _____

Date: s/ _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)