



05-06-2004



102738923  
PATENTS ONLY

FORM PTO-1595  
(Rev. 10/02)

RECC

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 61352-062

To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of Conveying Party(ies):  
Masanori KIMURA, Ichiro SATO, Katsuhiko KUMAGAWA  
  
S.3.04  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.  
Address: 1006, Oaza Kadoma  
Kadoma-Shi  
Osaka 571-8501 JAPAN  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: January 30, February 4, February 9, 2004

4. Application number(s) or patent number(s):  
If the document is being filed together with a new application, the execution date of the application is:  
A. Patent Application No(s).  
10/479,152, filed December 1, 2003  
B. Patent No(s).  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: MCDERMOTT, WILL & EMERY  
Internal Address:  
Street Address: 600 13th Street, N.W.  
City: Washington State: D. C. Zip: 20005-3096

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. Deposit account number:  
500417

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 E. Fogarty, 36,139

May 3, 2004

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet: 3

OMB No. 0651-0027 (exp. 6/30/2005)

05/05/2004 EDCOPER 00000045 500417 10479152

01 FC:8021 40.00 BA

PATENT  
REEL: 015289 FRAME: 0299

Docket No.:

**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) MASANORI KIMURA
- (2) ICHIRO SATO
- (3) KATSUHIKO KUMAGAWA

who have made a certain new and useful invention, hereby sell, assign and transfer unto

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

1006, Oaza Kadoma

Kadoma-Shi

Osaka 571-8501 JAPAN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

LIQUID CRYSTAL DISPLAY ELEMENT DRIVING METHOD AND LIQUID CRYSTAL DISPLAY DEVICE USING THE METHOD

- (a) for which an application for United States Letters Patent was filed on \_\_\_\_\_ and identified by United States Serial No. \_\_\_\_\_ ; or
- (b) for which an application for United States Letters Patent was executed on \_\_\_\_\_

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Masanori Kimura</u> Name: MASANORI KIMURA	<u>January 30, 2004</u>
2) <u>Ichiro Sato</u> Name: ICHIRO SATO	<u>February 4, 2004</u>
3) <u>Katsuhiko Kumagawa</u> Name: KATSUHIKO KUMAGAWA	<u>February 9, 2004</u>