

MEO  
10-16-98

03-05-1999

FORM PTO-1595  
(Rev. 6-93)

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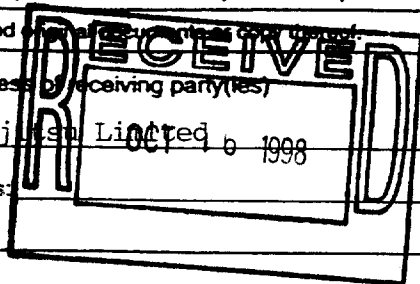
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached information on this cover sheet.



1. Name of conveying party(ies): MEO 3.1.99

Hideaki Tsuda  
Katsufumi Ohmuro  
Yoshio Koike

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

2. Name and address of receiving party(ies)

Name: Fujitsu Limited

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

Street Address: 1-1 Kamikodanaka 4-chome  
Nakahara-ku, Kawasaki-shi, Kanagawa

211-8588 Japan

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

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

Execution Date: 10-6-98

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: 10-6-98

A. Patent Application No.(s)  
09/174,514; filed 10/16/98

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Patrick G. Burns

Internal Address: GREER, BURNS & CRAIN, LTD.

233 S. Wacker Drive, Suite 8660

Chicago, IL 60606

Street Address: 233 S. Wacker Drive

Suite 8660

City: Chicago State: IL ZIP: 60606

6. Total number of applications and patents involved: 1

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

Enclosed

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Only in the event proper payment is not enclosed.

8. Deposit account number:

07-2069

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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.

Patrick G. Burns  
Name of Person Signing

Signature

10-16-98

Date

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

Mail documents to be recorded with required cover sheet information to:  
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Washington, D.C. 20231

10/26/1998 0000053 HIDEAKI T

01 FC:581 40.00 OP (Form PTO-1595-Recordation Form Cover Sheet [16-5]-page 1 of 3)

PATENT  
REEL: 9791 FRAME: 0131

0941.62632

## ASSIGNMENT

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, the following inventor or inventors (hereinafter called "ASSIGNOR")

Name: Hideaki Tsuda, Katsufumi Ohmuro, Yoshio Koike  
Address: c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa, 211-8588 Japan

hereby assigns, transfers and sets over to:

Name: FUJITSU LIMITED  
Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi,  
Kanagawa, 211-8588 Japan

(hereinafter called "ASSIGNEE"), the entire worldwide right, title and interest in and to the invention known as: LIQUID CRYSTAL DISPLAY DEVICE OPERATING IN A VERTICALLY ALIGNED MODE

for which a United States Patent Application was executed on even date herewith or, if not so executed, was:

- (a) executed on \_\_\_\_\_; or
- (b) filed on October 16, 1998,  
Serial No. 09/ 174,514;

and all rights and privileges under any Letters Patent which may be granted thereon, including all rights, if any, to sue for past infringement.

(1) The ASSIGNOR agrees without charge to said ASSIGNEE but at its expense (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention.

(2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

(3) ASSIGNOR hereby covenants and warrants that he has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

(4) ASSIGNOR hereby grants to the law firm of GREER, BURNS & CRAIN, LTD. of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

October  
Date 6, 1998 Signature of inventor Hideaki Tsuda Hideaki Tsuda

October  
Date 6, 1998 Signature of inventor Katsufumi Ohmuro Katsufumi Ohmuro

October  
Date 6, 1998 Signature of inventor Yoshio Koike Yoshio Koike

Date \_\_\_\_\_ Signature of inventor \_\_\_\_\_

Date \_\_\_\_\_ Signature of inventor \_\_\_\_\_

Date \_\_\_\_\_ Signature of inventor \_\_\_\_\_

Date \_\_\_\_\_ Signature of inventor \_\_\_\_\_

Date \_\_\_\_\_ Signature of inventor \_\_\_\_\_