

08-25-1999

FORM PTO-1595  
(Rev. 6-93)

REC

OMB No. 0651-0011 (exp. 4/94)

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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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):

Hidefumi Yoshida  
Yasutoshi Tasaka  
Takatoshi MayamaAdditional 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-chomeNakahara-ku, Kawasaki-shi, Kanagawa211-8588 JapanAdditional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: 7-30-99

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

09/375,861If this document is being filed together with a new application, the execution date of the application is: 7-30-99

A. Patent Application No.(s)

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. BurnsInternal Address: GREER, BURNS & CRAIN, LTD.233 S. Wacker Drive, Suite 8660Chicago, IL 60606Street Address: 233 S. Wacker DriveSuite 8660City: ChicagoState: ILZIP: 606066. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☒ Enclosed☒ Authorized to be charged to deposit account

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## 8. Deposit account number:

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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.

James K. Folker

Name of Person Signing

Signature

Aug. 17, 1999

Date

Total number of pages including cover sheet, attachments, and document: 4Mail documents to be recorded with required cover sheet information to:  
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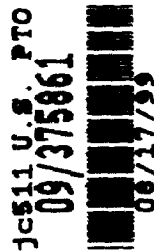
(Form PTO-1595-Recordation Form Cover Sheet [16-5]-page 1 of 3)

PATENT  
REEL: 010182 FRAME: 065110511 U.S. PTO  
09/375861

56/41/90

0941.63241

In Re U.S. Patent Application )  
)  
Applicant: Yoshida et al. )  
)  
Serial No. )  
)  
Filed: August 17, 1999 )  
)  
For: LIQUID CRYSTAL DISPLAY )  
DEVICE )  
)  
Art Unit: )



**RECORDATION FORM COVER SHEET ATTACHMENT**

1. Name of conveying party(ies):

Seiji Tanuma  
Takeshi Gotoh  
Tetsuya Kobayashi  
Yohei Nakanishi  
Makoto Ohashi  
Yoshio Koike  
Arihiro Takeda

## ASSIGNMENT

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

Name: Hidefumi Yoshida, Yasutoshi Tasaka, Takatoshi Mayama, Seiji Tanuma, Takeshi Gotoh,  
Tetsuya Kobayashi, Yohei Nakanishi, Makoto Ohashi, Yoshio Koike, Arihiro Takeda  
Address: each 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

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 \_\_\_\_\_,  
Serial No. \_\_\_\_/\_\_\_\_\_;

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.

July 30, Date 1999	Signature of inventor	<u>Hidefumi Yoshida</u>	Hidefumi Yoshida
July 30, Date 1999	Signature of inventor	<u>Yasutoshi Tasaka</u>	Yasutoshi Tasaka
July 30, Date 1999	Signature of inventor	<u>Takatoshi Mayama</u>	Takatoshi Mayama
July 30, Date 1999	Signature of inventor	<u>Seiji Tanuma</u>	Seiji Tanuma
July 30, Date 1999	Signature of inventor	<u>Takeshi Gotoh</u>	Takeshi Gotoh
July 30, Date 1999	Signature of inventor	<u>Tetsuya Kobayashi</u>	Tetsuya Kobayashi
July 30, Date 1999	Signature of inventor	<u>Yohei Nakanishi</u>	Yohei Nakanishi
July 30, Date 1999	Signature of inventor	<u>Makoto Ohashi</u>	Makoto Ohashi
July 30, Date 1999	Signature of inventor	<u>Yoshio Koike</u>	Yoshio Koike
July 30, Date 1999	Signature of inventor	<u>Arihiro Takeda</u>	Arihiro Takeda
Date _____	Signature of inventor	_____	_____
Date _____	Signature of inventor	_____	_____