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Execution Date: **July 31, 2001**

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09/930048

If this document is being filed together with a new application, the execution date of the application is: **July 31, 2001**

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

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UTILITY PATENT

ASSIGNMENT

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

Name: Masaru Ishiwa and Susumu Okazaki
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 UNIT HAVING A THIRD BOARD HAVING AT LEAST ONE OF A SIGNAL-LINE DRIVE CIRCUIT AND A SCANNING-LINE DRIVE CIRCUIT

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. ____/_____;

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(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

(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
Date 31, 2001 Signature of inventor Masaru Ishiwa Masaru Ishiwa

July
Date 31, 2001 Signature of inventor Susumu Okazaki Susumu Okazaki

Date _____ Signature of inventor _____

Date _____ Signature of inventor _____

Date _____ Signature of inventor _____

Date _____ Signature of inventor _____

Date _____ Signature of inventor _____

Date _____ Signature of inventor _____