FORM PTO-1595 REC 03 - 13 - 2	SHEET ILS DEPARTMENT OF COMMEDCE
(Rev. 6-93) OMB No. 0651-0011(exp. 4/94)	Patent and Trademark Office
To the Honorable Commissioner of Patents and Tradellians 1023884	439 suments or copy thereof.
1. Name of conveying party:  Toshiaki YOSHIHARA Tetsuya MAKINO Kelichi BETSUI  Additional name(s) of conveying party(ies) attached? ( ) Yes (X) No  3. Nature of conveyance:  (X) Assignment ( ) Merger  ( ) Security Agreement ( ) Change of Name ( ) Other  Execution Date: February 10, 2003  4. Application number(s) or patent number(s):	2. Name and address of receiving party(ies)  Name: FUJITSU LIMITED  Internal Address: 1-1, Kamikodanaka 4-chome,  Street Address: Nakahara-ku, Kawasaki-shi,  Kanagawa 211-8588 Japan  City: State: ZIP: Additional name(s) & address(es) attached: ( ) Yes ( X ) No
If this document is being filed together with a new application, the  A. Patent Application No.(s)  Additional numbers atta	execution date of the application is: <b>February 10, 2003</b> B. Patent No.(s)  ched? ( ) Yes (X) No
5. Name and address of party to whom correspondence concerning document should be mailed:  Patrick G. Burns Name: Greer, Burns & Crain, Ltd. Internal Address: 300 South Wacker Drive Suite 2500 Chicago, Illinois 60606  Street Address:  City: State: ZIP:	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41)
DO NOT USE	THIS SPACE
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information i the original document.  Patrick G. Burns	s true and correct and any attached copy is a true copy of  February 26, 2003
	nature Date
Total number of pages including cover sheet, attachments, and document:	3

Mail documents to be recorded with required cover sheet information to: 03/12/2003 ECOOPER 00000082 10375/50 Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

01 FC:8021

1100.67413

## GREER, BURNS & CRAIN, LTD.

300 South Wacker Drive Suite 2500 Chicago, Illinois 60606

## UTILITY PATENT

## ASSIGNMENT

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

Name: YOSHIHARA, Toshiaki

Address: c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa

211-8588 Japan

Name: MAKINO, Tetsuya

Address: c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,

Nakahara-ku, Kawasaki-shi, Kanagawa

211-8588 Japan

Name: BETSUI, Keiichi

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:

## 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.

PATENT REEL: 013825 FRAME: 0103

- (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.

Date Feb. 10, 2003	Signature of inventor Joshuku Yoshuku (YOSHIHARA, Toshiak)
Date Feb. 10. 2003	Signature of inventor Tetsuya Muhino (MAKINO, Totsuya)
Date Feb. 10. 2003	Signature of inventor Keiichi)  (BETSUI, Keiichi)
Date	Signature of inventor

RECORDED: 02/26/2003

PATENT REEL: 013825 FRAME: 0104