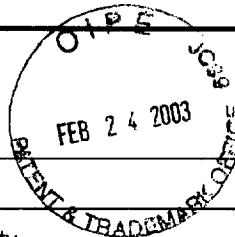


03-03-2003

(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

HEET

U.S. DEPARTMENT OF COMMERCE



D\$

To the Honorable Commiss

102379154

ne attached original documents or copy thereof.

1. Name of conveying parties:
Eiji Nitto, Kosu Yonemura, Hiroyoshi Takahashi,
Seiji Hayashimoto, and Hirofumi Miyamoto

2.2403

Additional names of conveying parties attached? () Yes (X) No

3. Nature of conveyance:

- (X) Assignment () Merger
() Security Agreement () Change of Name
() Other _____

Execution Date: July 29, 2002

2. Name and address of receiving party

Name: Fujitsu Display Technologies Corporation

Internal Address:

Street Address: 1-1, Kamikodanaka 4-chome,
Nakahara-ku, Kawasaki, Kanagawa 211-8588 Japan

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached: () Yes (X) No

4. Application number: 10/307,910

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

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? () Yes (X) No.

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

Name: Patrick G. Burns
Greer, Burns & Crain, Ltd.

Internal Address: 300 South Wacker Drive
25th Floor
Chicago, Illinois 60606

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached: () Yes (X) No

6. Total number of applications and patents involved: 1

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

(X) Enclosed

(X) Authorized to be charged to deposit account only in the event proper payment is not enclosed.

8. Deposit account number:

07-2069

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature. 3

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

February 19, 2003

Date

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

0941.67164

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

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-4021

40.00 DP

PATENT
REEL: 013790 FRAME: 0858

UTILITY PATENT

ASSIGNMENT

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

- | | |
|--|--|
| 1) Name: Eiji Nitto
Address: c/o FUJITSU DISPLAY TECHNOLOGIES CORPORATION,
1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 Japan | 2) Name: Kosu Yonemura
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Kawasaki-shi, Kanagawa 211-8588 Japan |
| 3) Name: Hiroyoshi Takahashi
Address: c/o FUJITSU DISPLAY TECHNOLOGIES CORPORATION,
1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 Japan | 4) Name: Seiji Hayashimoto
Address: c/o FUJITSU DISPLAY TECHNOLOGIES CORPORATION,
1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 Japan |
| 5) Name: Hirofumi Miyamoto
Address: c/o FUJITSU DISPLAY TECHNOLOGIES CORPORATION,
1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 Japan | |

hereby assigns, transfers and sets over to:

Name: FUJITSU DISPLAY TECHNOLOGIES CORPORATION
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:

A BACKLIGHT APPARATUS, AND A LIQUID CRYSTAL DISPLAY (LCD) THEREWITH

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 December 2, 2002,
Serial No. 10 / 307,910;

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.

Date July, 29, 2002

Signature of inventor Eiji Nitto
Eiji Nitto

Date July. 29. 2002

Signature of inventor Koshu Yonemura
Koshu Yonemura

Date July 29, 2002

Signature of inventor Hiroyoshi Takahashi
Hiroyoshi Takahashi

Date July 29, 2002

Signature of inventor Seiji Hayashimoto
Seiji Hayashimoto

Date July 29 2002

Signature of inventor Hirofumi Miyamoto
Hirofumi Miyamoto