

08-12-2003



Substitute Form PTO -1595

RE

102521074

Attorney Docket No.
JP920010284US1

To The Honorable Commissioner of Patents and trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Execution date:

YOKOUE, Toshiyuki
ODAHARA, Shuhichi
TORIUMI, Kohichi
KAMIYA, Hiroyuki

November 18, 2002
November 08, 2002
November 19, 2002
November 08, 2002

8-8-03

2. Name and address of receiving party(ies):

International Business Machines Corporation
New Orchard Road
Armonk, New York 10504

3. Nature of conveyance:

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

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

Execution/Filing/Issue Date

New Patent Application, execution date of application

Patent Application Number: 10/319,030

Patent Number:

10319030

Execution Date

December 13, 2002

Filing Date

Issue Date

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

Andrew J. Dillon
Bracewell & Patterson, L.L.P.
P.O. Box 969
Austin, Texas 78767-0969
(512) 343-6116

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account
- Authorized to charge any deficiency to deposit account

8. Deposit account number:

09-0466

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

2003 AUG -8 AM 11:34
OPR/FINANCE

DO NOT USE THIS SPACE

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.

Michael E. Noe, Jr.
Name of Person Signing

Signature

August 5, 2003
Date

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

08/11/2003 DBYRNE 00000053 10319030

01 FC:8021

40.00 DP

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT

REEL: 014361 FRAME: 0708

03-14-2003

Substitute Form PTO -1595



ET

Attorney Docket No.
JP920010284US1

102389878

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

3-12-03

Execution date:

YOKOUE, Toshiyuki
ODAHARA, Shuhichi
TORIUMI, Kohichi
KAMIYA, Hiroyuki

November 18, 2002
November 08, 2002
November 19, 2002
November 08, 2002

OFFICE OF PATENT RECORDS
1003 MAR 12 PM 12:27
FINANCE SECTION

2. Name and address of receiving party(ies):
International Business Machines Corporation
New Orchard Road
Armonk, New York 10504

3. Nature of conveyance:

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

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

Execution/Filing/Issue Date

New Patent Application, execution date of application

Execution Date

Patent Application Number:

Filing Date

Patent Number:

Issue Date

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

Andrew J. Dillon
Bracewell & Patterson, L.L.P.
P.O. Box 969
Austin, Texas 78767-0969
(512) 343-6116

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account
- Authorized to charge any deficiency to deposit account

8. Deposit account number:

09-0466

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

DO NOT USE THIS SPACE

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.

Michael E. Noe, Jr.
Name of Person Signing

Michael Noe
Signature

March 7, 2003
Date

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

03/13/2003 ECDPDR 00000231 090466

01 FC:0021 40.00 CH

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 014361 FRAME: 0709

ASSIGNMENT

Whereas, we,

- (1) Toshiyuki Yokoue of Yasu-gun
and of Shiga-ken, Japan;
- (2) Shuhichi Odahara of Atsugi-shi
and of Kanagawa-ken, 243-0122, Japan;
- (3) Kohichi Toriumi of Yasu-gun
and of Shiga-ken, Japan;
- (4) Hiroyuki Kamiya of Yasu-gun
and of Shiga-ken, Japan

have invented certain improvements in

**FIXING DEVICE, METHOD OF FIXING SUBSTRATE AND APPARATUS AND
METHOD FOR MANUFACTURING A LIQUID CRYSTAL DISPLAY PANEL
USING THE SAME**

and executed, respectively, a United States patent application therefor on (Date Inventors Signed Declaration) (1) Toshiyuki Yokoue 11/18, 2002;
(2) Shuhichi Odahara 11/08, 2002; (3) Kohichi Toriumi 11/19, 2002;
and (4) Hiroyuki Kamiya 11/08, 2002.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed at Yasu on Nov. 18, 2002.

Toshiyuki Yokoue
TOSHIYUKI YOKOUE

(2) Signed at Yamato on Nov. 8, 2002.

Shuhichi Odahara
SHUHICHI ODAHARA

(3) Signed at Yasu on Nov. 19, 2002.

Kohichi Toriumi
KOHICHI TORIUMI

(4) Signed at Yamato on Nov. 8, 2002.

Hiroyuki Kamiya
HIROYUKI KAMIYA