

11-18-1998

BOX ASSIGNMENTS



DO NOT USE FOR TRADEMARKS

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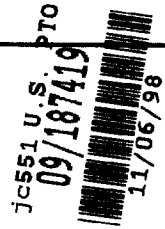
TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS:
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Masayuki DOHJO
3. Akira KUBO
5. Tetsuya IIZUKA
7. Kazushige MORI

NRD
11-6-98

2. Hideo KAWANO
4. Makoto SHIBUSAWA
6. Tamio NAKAI
8.



2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: KABUSHIKI KAISHA TOSHIBA

ADDRESS: 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, Japan

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

☒ ASSIGNMENT OF ☒ WHOLE ☐ PART INTEREST

☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION

☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: 1) October 30, 1996
2) October 31, 1996
3) October 31, 1996
4) November 1, 1996
5) November 5, 1996
6) October 31, 1996
7) November 6, 1996

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) Same as Assignment

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NOA. PAT. APP. NO.(S)
series code/serial
no

M#

1st INVENTOR
if not in item 1

B. PATENT NO(S)

M#

1st INVENTOR
if not in item 1

New Appln.

255702

09/187,419

5. Name & Address of Party to Whom Correspondence
Concerning Document Should be Mailed:

Pillsbury Madison & Sutro LLP
Intellectual Property Group
1100 NEW YORK AVENUE, N.W.
NINTH FLOOR, EAST TOWER
WASHINGTON, D.C. 20005-3918

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

PMS 255702

51874

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

UNDER ORDER NO

30952

255702

MATTER NO.

CLIENT REF.

dup. sheet not required

CLIENT NO.

MATTER NO.

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.

Signature

10. Total number of pages including this
cover sheet, attachments and document
(do not file dup. Cover sheet)

3

Attorney: Glenn J. Perry

Reg. No. 28458

Atty/Sec: GJP/mlm

TEL: (202) 861-3070

Date: November 6, 1998

FAX: (202) 822-0944

PAT-114X 3/98

PATENT
REEL: 9579 FRAME: 0289

NONPROVISIONAL

ASSIGNMENT
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

(1) Masayuki DOHJO

(4) Makoto SHIBUSAWA

(2) Hideo KAWANO

(5) Tetsuya IIZUKA

(3) Akira KUBO

[] x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

Kabushiki Kaisha Toshiba of

72, Horikawa-cho, Saiwai-ku, Kawasaki-shi,

Kanagawa-ken, Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

ARRAY SUBSTRATE FOR DISPLAY DEVICE AND MANUFACTURING
METHOD THEREOF

for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE --
(Complete
line A, B and/or C)

(A) ☐ even date herewith

(B) ☒ on October 4, 1996

(C) ☐ in U.S. Appln. No. / filed

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE -- The undersigned hereby authorize(s) Cushman Darby & Cushman, L.L.P. of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTOR(S)

DATE SIGNED

WITNESSES

1) Masayuki Dohjo
Name: Masayuki DOHJO

October 30, 1996

Koichi Irie
Koichi IRIE

2) Hideo Kawano
Name: Hideo KAWANO

October 31, 1996

Koichi Irie
Koichi IRIE

3) Akira Kubo
Name: Akira KUBO

October 31, 1996

Koichi Irie
Koichi IRIE

4) Makoto Shibusawa
Name: Makoto SHIBUSAWA

November 1, 1996

Koichi Irie
Koichi IRIE

5) Tetsuya Iizuka
Name: Tetsuya IIZUKA

November 5, 1996

Koichi Irie
Koichi IRIE

IF ADDITIONAL INVENTORS, check box ☒ and continue on page 2.