

11/2/99

11-29-1999



Y SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
15162/01300

101210441

To the Honorable Commissioner of

attached original documents or copy

1. Name of conveying party(ies):

Naoki MASAZUMI, Eiji YAMAKAWA, and  
Hideo HOTOMI

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: November 4, 1999, respectively

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

Name: MINOLTA CO., LTD.

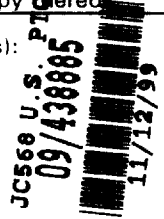
Internal Address:

Street Address: Osaka Kokusai Bldg., 3-13, 2-Chome,  
Azuchi-Machi, Chuo-Ku,

City: Osaka-Shi Prefecture: Osaka

Country: JAPAN ZIP: 541-8556

Additional name(s) & address(es) attached?  Yes  No



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

If this document is being filed together with a new application, the execution date of the application is: November 4, 1999  
respectively

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: SIDLEY & AUSTIN

Internal Address: Attn: James W. Williams

Street Address: 717 North Harwood

City: Dallas State: TX ZIP: 75201-6507

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

8. Deposit account number:

(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.*

James W. Williams

November 12, 1999

Name of Person Signing

Signature

Date

Total number of pages including cover sheet 3

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

Do not detach this portion

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

11/29/1999 INHUYEN 00000045 09438885

01 FC:581

40.00

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

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

**PATENT**

**REEL: 010396 FRAME: 0372**

**ASSIGNMENT**

In consideration of the sum of One Dollar (U.S. \$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Naoki MASAZUMI, Eiji YAMAKAWA and Hideo HOTOMI

---

hereby sells, assigns and transfers to MINOLTA CO., LTD., a corporation duly organized under the laws of Japan, and having a place of business at Osaka Kokusai building, 3-13, 2-Chome Azuchi-Machi, Chuo-Ku, Osaka-Shi, Osaka, Japan, (hereinafter called Assignee) the entire right, title, and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

LIQUID CRYSTAL DISPLAY DEVICE AND DRIVING METHOD THEREOF

---

which application was executed by the undersigned on

the 7<sup>th</sup> day of November, 1999;  
the 11 day of November, 1999; and  
the 4<sup>th</sup> day of December, 1999; respectively

including said application and any and all divisions, continuations, and substitutes thereof and any and all United States Letters Patents which may be granted therefor and any and all extensions, reissues, renewals or reexaminations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection.

Signed this 4th day of November, 1999.

Naoki Masazumi  
Naoki MASAZUMI

Signed this 7th day of November, 1999.

Eiji Yamakawa  
Eiji YAMAKAWA

Signed this 4th day of November, 1999.

Hideo Hotomi  
Hideo HOTOMI