

07-05-2001



101767363

IEET U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ATTORNEY DOCKET NO.: 15162/03740

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

1. Name of conveying party(ies): 06/22/01  
Akihito HISAMITSU, Shoji KOTANI, Takeshi  
KITAHORA, and Hideaki UEDA  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and Address of receiving party(ies):  
Name: MINOLTA CO., LTD.  
Internal Address:  
Street Address: Osaka Kokusai Building,  
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

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: June 15, 2001, June 15, 2001, June 15, 2001, and  
June 15, 2001, respectively

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: June 15, 2001, June 15, 2001, June 15, 2001, and June 15, 2001, respectively

A. Patent Application No.(s)  
09/887654

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 BROWN & WOOD  
Internal Address: Attn: James W. Williams  
Street Address: 717 North Harwood  
Suite 3400  
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:  
18-1260  
(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 James W. Williams June 22, 2001  
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:

Director 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.



**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,

Akihito HISAMITSU, SHOJI KOTANI, Takeshi KITAHORA  
and Hideaki UEDA

---

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

A LIQUID CRYSTAL DISPLAY ELEMENT

---

which application was executed by the undersigned on

the 15<sup>th</sup> day of June, 2001;  
the 15<sup>th</sup> day of June, 2001;  
the 15<sup>th</sup> day of June, 2001; and  
the 15<sup>th</sup> day of June, 2001; 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 15<sup>th</sup> day of June, 2001.

Akihito Hisamitsu  
Akihito HISAMITSU

Signed this 15<sup>th</sup> day of June, 2001.

Shoji Kotani  
Shoji KOTANI

Signed this 15<sup>th</sup> day of June, 2001.

Takeshi Kitahora  
Takeshi KITAHORA

Signed this 15<sup>th</sup> day of June, 2001.

Hideaki Ueda  
Hideaki UEDA