

10-23-1998



Docket No.: 48420

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

1. Name of conveying party(ies):

Ichiro Shiraki
Yasushi Kubota
Tamotsu Sakai

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

Name: Sharp Kabushiki Kaisha
Address: 22-22, Nagaike-cho, Abeno-ku
Osaka 545-8522 Japan

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance: MRD 9-8-98

Assignment Merger
 Security Agreement Change of Name

**A Corrective assignment to correct
Other assignor on reel 9221,
Frame 0633**

City: _____ State/Prov.: _____
Country: _____ ZIP: _____

Execution Date: May 19, 1998

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

4. Application number(s) or registration numbers(s):

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

Patent Application No. Filing date
09/088,821 June 2, 1998

B. Patent No.(s)

Additional numbers Yes No

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

Name: David G. Conlin, Esq.
Registration No. 27,026
Address: Dike, Bronstein, Roberts & Cushman, LLP
130 Water Street

6. Total number of applications and patents involved: **1**

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

City: Boston State/Prov.: MA
Country: U.S.A. ZIP: 02109

8. Deposit account number:

04-1105

**Charge 40.00
No spec
Fee**

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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.

David G. Conlin

September 2, 1998

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

5

ASSIGNMENT

We Ichiro SHIRAKI
Yasushi KUBOTA
and Tamotsu SAKAI
for good and valuable consideration from SHARP KABUSHIKI KAISHA
Osaka, Japan, a Japanese corporation,
having its principal place of business in Osaka, Japan,
hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby
sell, assign and transfer unto the Assignee, its successors and assigns, the entire
right, title and interest in, to and under an application for Letters Patent of the
United States Serial No. _____, filed on _____ * signed by us
for Improvements in ACTIVE-MATRIX-TYPE IMAGE DISPLAY DEVICE

including all priority rights ensuing therefrom, and the inventions and any of them
therein set forth and described, and any and all Letters Patent of the United States
and of countries foreign thereto which may be granted thereon or therefor, together
with the right to apply for such Letters Patent.

And for the above consideration we agree promptly upon request of the Assignee,
its successors or assigns, to execute and deliver without further compensation any
power of attorney, assignment, application, whether original, divisional, continuation
or reissue, or other papers which may be necessary or desirable fully to secure to the
Assignee, its successors and assigns, the inventions and any of them described in said
application and all patent rights therein, in the United States and in any country
foreign thereto.

The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts &
Cushman the power to insert on this Assignment any further identification
which may be necessary or desirable in order to comply with the rules of the
U.S. Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I, Ichiro SHIRAKI, hereunto set my
hand and seal this 19th day of May, 1998, I, Yasushi
KUBOTA, hereunto set my hand and seal this 19th day of May
1998, and I, Tamotsu SAKAI, hereunto set my hand and seal
this 19th day of May, 1998.

Ichiro Shiraki
Yasushi Kubota
Tamotsu Sakai

Commonwealth [State] of _____
County of _____ ss.

Before me this _____ day of _____, 19____, personally appeared
_____, who is to me personally known, and acknowledged
the foregoing instrument of assignment to be [her] his free act and deed.

Notary Public

Commonwealth [State] of _____
County of _____ ss.

Before me this _____ day of _____, 19____, personally appeared
_____, who is to me personally known, and acknowledged
the foregoing instrument of assignment to be [her] his free act and deed.

Notary Public

*Where the application is assigned before it is filed,
and hence has no Serial No., this shall be left blank.