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Docket No. 48,211

FORM PTO-1595

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R SHEET

U.S. DEPARTMENT OF COMMERCE

(Rev. 6-93)

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



Patent and Trademark Office

100674519

1. Name of Conveying Party(ies):
Yutaka Sawayama

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

2. Name and address of receiving party(ies)
 Name: Sharp Kabushiki Kaisha
 Street Address: 22-22, Nagaike-cho, Abeno-ku
Osaka 545, JAPAN

City: _____ State: _____ ZIP: _____

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

JCS33 U.S. PTO
 09/06/98
 03/23/98

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other: _____

Execution Date: March 4, 1998

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: March 4, 1998

A. Patent Application No.(s)
09 046320

B. Patent No.(s)

Additional numbers attached? **No**

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

Name: David G. Conlin, Esq.

Internal Address: _____

Street Address: Dike, Bronstein, Roberts, etal., LLP
130 Water Street

City: Boston, State: MA ZIP: 02109

6. No. of applications and/or patents involved: 1

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

Enclosed

Authorization to charge deposit account

Total amount due

Any fee deficiencies that may be due

8. Deposit account number: _____

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

03/26/1998 KHR:IMG 0000077 09046320
 43 FC:581 40.00 DP

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.

Peter F. Corless, Esq. (33,860) [Signature] March 23, 1998
 Name and Registration Number of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents and Trademarks, Box Assignments
 Washington, DC 20231

PATENT
 REEL: 9056 FRAME: 0983

A S S I G N M E N T

We Yutaka SAWAYAMA,
and _____,
for good and valuable consideration from SHARP KABUSHIKI KAISHA,
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 FRONT ILLUMINATION DEVICE AND REFLECTION-TYPE LIQUID
CRYSTAL DISPLAY DEVICE INCORPORATING SAME
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, Yutaka SAWAYAMA, hereunto set my
hand and seal this 4th day of March, 1998, I,
_____, hereunto set my hand and seal this _____ day of
19____, and I, _____, hereunto set my hand and seal
this _____ day of _____, 19____.

Sawayama Yutaka

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.