

06-25-1999

Docket No.: 49143(904)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



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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):  
**TOMOHIKO YAMAMOTO, KEIICHI TANAKA,  
NAOTO INOUE, YUTAKA ISHII**

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

Name: **SHARP KABUSHIKI KAISHA**

Address: **22-22 Nagaike-cho, Abeno-ku**

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

City: **Osaka**

State/Prov.:

Country: **Japan**

ZIP:

Execution Date: **May 20, 1999**

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: **May 20, 1999**

Patent Application No.

Filing date

B. Patent No.(s)

**09/330504**

Additional numbers

☐ Yes ☒ No

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

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

8. Deposit account number:

**04-1105**

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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**

Name of Person Signing

Signature

**June 11, 1999**

Date

Total number of pages including cover sheet, attachments, and

**3**

# A S S I G N M E N T

We Tomohiko YAMAMOTO,  
Keiichi TANAKA  
 and Naoto INOUE  
 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 LIQUID CRYSTAL 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, Tomohiko YAMAMOTO, hereunto set my  
 hand and seal this 20th day of May, 1999, I, Keiichi  
TANAKA, hereunto set my hand and seal this 20th day of May  
 1999 and I, Naoto INOUE, hereunto set my hand and seal  
 this 20th day of May, 1999.

Tomohiko YAMAMOTO  
Keiichi TANAKA  
Naoto INOUE

Commonwealth [State] of \_\_\_\_\_ ss.  
 County of \_\_\_\_\_

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 \_\_\_\_\_ ss.  
 County of \_\_\_\_\_

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.

# A S S I G N M E N T

We Yutaka ISHII,  
 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 LIQUID CRYSTAL 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, Yutaka ISHII, hereunto set my  
 hand and seal this 20th day of May, 19 99 I, \_\_\_\_\_  
 \_\_\_\_\_, hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_  
 19\_\_\_\_, and I, \_\_\_\_\_, hereunto set my hand and seal  
 this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

Yutaka Ishii

Commonwealth [State] of \_\_\_\_\_ ss.  
 County of \_\_\_\_\_

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

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 County of \_\_\_\_\_

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 the foregoing instrument of assignment to be [her] his free act and deed.

\_\_\_\_\_  
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