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Docket No.: 48993(840)

FORM PTO-1595 (Modified)  
(Rev. 6-93)  
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03-24-1999

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Patent and Trademark Office



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To the Honorable Commissioner of Patents and

100993738

original documents or copy thereof.

## 1. Name of conveying party(ies):

**MOTOHIRO YAMAHARA AND  
IICHIRO INOUE**

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: **March 1, 1999**

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

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

State/Prov.: \_\_\_\_\_

Country: **Japan**

ZIP: \_\_\_\_\_

Additional name(s) &amp; 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: **March 1, 1999**

Patent Application No.

Filing date

B. Patent No.(s)

09.267994

Additional numbers

☐ Yes ☒ No

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

Name: **David G. Conlin**

03/23/1999 NPEOPLES 00000019 09267994

03 FC 1981 Registration No. 27026

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

## 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

March 12, 1999

Date

Total number of pages including cover sheet, attachments, and

4

**PATENT**  
**REEL: 9831 FRAME: 0163**

## ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

- 1.Motohiro YAMAHARA; 1-25-4-406, Morinomiya-cho,  
Chuo-ku, Osaka-shi, Osaka Japan
- 2.Iichiro INOUE; Akebono 453, 2613-1, Ichinomoto-cho,  
Tenri-shi, Nara-ken Japan

has invented and owns a certain invention entitled:

LIQUID CRYSTAL DISPLAY DEVICE

for which application for Letters Patent of the United States was executed on even date herewith,  
and

WHEREAS, the ASSIGNEE:

SHARP KABUSHIKI KAISHA  
22-22, Nagaike-cho, Abeno-ku, Osaka 545-8522 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said

invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 1st day of March, 1999.

1. Motohiro Yamahara  
(Motohiro YAMAHARA)

2. Ichiro Inoue  
(Ichiro INOUE)