

04-03-2002



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Docket No.: 70904-57231

SHEET

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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):

Yasushi Kubota Shigeto Yoshida
Hajime Washio Yasuhiro Yoshida
Hiroyuki Furukawa

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

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:

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: February 25, 2002

Additional name(s) & address(es)

☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: February 25, 2002

Patent Application No.

Filing date

03/28/2002 RHARIS1 00000035 10105652

03 FC:581

40.00 DP

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

Registration No. 27026

Address: Dike, Bronstein, Roberts & Cushman

Intellectual Property Practice Group - Edwards & Angell

P.O. Box 9169

City: Boston

State/Prov.: MA

Country: U.S.A.

ZIP: 02209

6. Total number of applications and patents involved:

1

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

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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 25, 2002

Date

3

Total number of pages including cover sheet, attachments, and

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PATENT
REEL: 012733 FRAME: 0734

A S S I G N M E N T

We Yasushi KUBOTA
Hajime WASHIO
 and Shigeto YOSHIDA
 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 IMAGE DISPLAY PANEL, IMAGE DISPLAY APPARATUS
AND IMAGE DISPLAY METHOD
 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, Yasushi KUBOTA, hereunto set my
 hand and seal this 25th day of Feb., 2002, I, Hajime
WASHIO, hereunto set my hand and seal this 25th day of Feb.
 2002 and I, Shigeto YOSHIDA, hereunto set my hand and seal
 this 25th day of Feb., 2002

Yasushi Kubota
Hajime Washio
Shigeto Yoshida

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.

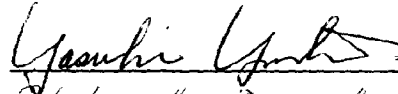
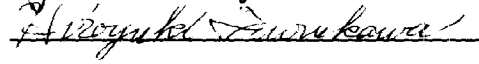
A S S I G N M E N T

We Yasuhiro YOSHIDA
Hiroyuki FURUKAWA
 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 IMAGE DISPLAY PANEL, IMAGE DISPLAY APPARATUS
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 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, Yasuhiro YOSHIDA, hereunto set my
 hand and seal this 25th day of Feb., 2002 I, Hiroyuki
FURUKAWA, hereunto set my hand and seal this 25th day of Feb.
 2002, and I, _____, hereunto set my hand and seal
 this _____ day of _____.

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.

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