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103024019

10/517242

To the Director of the U.S. Patent and Trademark Office: Please use the following information for correspondence or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Yuichi Komura
Yoshimi Saito

Execution Date(s): 10/27/04 and 10/27/04

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Sharp Kabushiki Kaisha

Internal Address: _____

Street Address: _____

22-22 Nagaike-cho
Osaka, JAPAN 545-8522

City: _____

State: _____

Country: _____ Zip: _____

Additional name(s) & address(es) attached? ☒ Yes ☐ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

This application

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Steven M. Jensen
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6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
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Authorized User Name Steven M. Jensen

9. Signature:

Signature

December 7, 2004

Date

Steven M. Jensen - 42,693

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV517917740 US, in an envelope addressed to: MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: December 7, 2004

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(Michelle Chicos)

Form PTO-1595

RECORDATION FORM COVER SHEET
(continued)

10/517242

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Additional Assignees (2. Continued):

Assignee Name: Komura Tech Co., Ltd.

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Assignee Name: Hitachi Industries Co., Ltd.

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Tokyo, JAPAN 120-8585

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers

4A. Continued:

Additional Patent Numbers

4B. Continued:

Additional numbers attached?

☐ Yes☐ No

**UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS
ASSIGNMENT**

Application No. _____ Filed _____

Insert Name(s)
of Inventor(s)

➡ WHEREAS, Mitsuaki MORIMOTO, Makoto NAKAHARA, Naoto YOKOYAMA,
Shinichiro KAWABE, Masaru MITSUMOTO, Yuichi KOMURA, and Yoshimi SAITO

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

Insert Title
of Invention

➡ Printing Plate, Press and Method of Printing, and Apparatus and Method for
Manufacturing Liquid Crystal Devices

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date of
Signing of
Application

➡ on October 22, 23, 27 and November 5, 2004 ; and

Insert Name
of Assignee

➡ WHEREAS, (1) Sharp Kabushiki Kaisha
(2) KOMURA TECH CO., LTD.
(3) HITACHI INDUSTRIES CO., LTD.

Insert Address
of Assignee

➡ of (1) 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan
(2) 3-3, Takaida, Higashiosaka-shi, Osaka 577-0053 Japan
(3) 13-17, Nakagawa 4-chome, Adachi-ku, Tokyo 120-8585 Japan

CHECK BOX
IF APPROPRIATE

its heirs, successors, legal representatives and assigns (hereinafter designate as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
➡ ☒ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Edwards & Angell, LLP 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.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____, Name of Inventor Mitsuaki MORIMOTO

Date _____, Name of Inventor Makoto NAKAHARA

Date _____, Name of Inventor Naoto YOKOYAMA

Date _____, Name of Inventor Shinichiro KAWABE

Date _____, Name of Inventor Masaru MITSUMOTO

Date October 27, 2004, Name of Inventor Yuichi KOMURA

Date October 27, 2004, Name of Inventor Yoshimi SAITO

Date _____, Name of Inventor _____

Date _____, Name of Inventor _____