



07-21-06

07-27-2006



103281881

RECORDATION FORM COVER  
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es), below.

1. Name of conveying party(ies):

Tatsuo Nomura (3/30/2005), Katsuyoshi Fujiwara (3/30/2005), Yuji Okamoto (3/30/2005), Naofumi Ueda (3/30/2005), and

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

- ☒ Assignment ☐ Merger ☐ Change of Name  
☐ Security Agreement ☐ Joint Research Agreement  
☐ 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 Nagaïke-cho  
Abeno-Ku  
Osaka-Shi, Osaka  
545-8522  
JAPAN

City: \_\_\_\_\_

State: \_\_\_\_\_

Country: \_\_\_\_\_ Zip: \_\_\_\_\_

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

4. Application or patent number(s):

A. Patent Application No.(s)

10/530,122

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

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: David G. Conlin  
EDWARDS ANGELL PALMER & DODGE  
LLP

Internal Address: Atty. Dkt.: 63227(72039)

Street Address: P.O. Box 55874

City: Boston

State: MA Zip: 02205

Phone Number: (617) 439-4444

Fax Number: (888) 325-9129

Email Address: DConlin@eapdlaw.com

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 \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 04-1105

Authorized User Name David G. Conlin

9. Signature:

Signature

July 19, 2006

Date

Steven M. Jensen - 42,693

Name of Person Signing

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

07/26/2006 DBYRNE 00000165 041105 10530122  
01 FC:8021 40.00 DA

RECORDATION FORM COVER SHEET  
(continued)

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

Syoichiro Yoshiura (3/30/2005)

## Additional Assignees (2. Continued):

Assignee Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Assignee Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

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

### ASSIGNMENT

WHEREAS, the following inventor(s): Tatsuo NOMURA, Katsuyoshi FUJIWARA, Yuji OKAMOTO, Naofumi UEDA, Syoichiro YOSHIURA, hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in IMAGE PROCESSING DEVICE AND IMAGE PROCESSING SYSTEM, for which application for Letters Patent of the United States has been filed on April 1, 2005, Serial No. 10/530,122; and

WHEREAS, SHARP KABUSHIKI KAISHA, a Japanese Corporation, having its principal place of business at Osaka, Japan, its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration to the undersigned, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and 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 and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations 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 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 furnish all pertinent facts and documents relating to said application, said invention and said patent(s) as may be known and accessible to the undersigned, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to Assignee any and all papers, instruments or affidavits necessary or desirable to apply for, obtain, maintain or enforce said application or said patent(s) in connection with any interference which may be declared, and any litigation concerning this application or any continuation, division or reissue thereof or Patent(s) or reissue patent(s) issued thereon, and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

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 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 grant(s) the law firm of Edwards & Angell, LLP of 101 Federal Street, Boston, Massachusetts 02110, U.S.A. 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 authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he or she has the full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement in conflict herewith.

In witness whereof, signed by the undersigned on the date(s) opposite the undersigned names.

Date: <u>March 30, 2005</u>	Signature of Inventor: <u>Tatsuo Nomura</u>
	Name: <u>NOMURA, Tatsuo</u>
Date: <u>March 30, 2005</u>	Signature of Inventor: <u>Katsuyoshi Fujiwara</u>
	Name: <u>FUJIWARA, Katsuyoshi</u>
Date: <u>March 30, 2005</u>	Signature of Inventor: <u>Yuji Okamoto</u>
	Name: <u>OKAMOTO, Yuji</u>
Date: <u>March 30, 2005</u>	Signature of Inventor: <u>Naofumi Ueda</u>
	Name: <u>UEDA, Naofumi</u>
Date: <u>March 30, 2005</u>	Signature of Inventor: <u>Syoichiro Yoshiura</u>
	Name: <u>YOSHIURA, Syoichiro</u>



Application No. (if known): 10/530,122

Attorney Docket No.: 63227(72039)

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV754868632US in an envelope addressed to:

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on July 19, 2006  
Date

*Kathleen N. Drury*  
Signature

Kathleen Drury

Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Combined Declaration and Power of Attorney (4 pages)  
Assignment (2 pages)  
Recordation Form Cover Sheet (2 pages)  
Part 2 Copy of Notice  
Response to Notice to File Missing Parts of Application (2 pages)  
Transmittal (1 page)  
Petition to Withdraw Holding of Abandonment (2 pages)  
Copy of Attorney Docket Record (2 pages)  
Charge \$130.00 to deposit account 04-1105

554980