

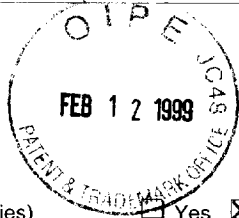


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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Hiroki Munetomo, et al.



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,**

Osaka, Japan

3. Nature of conveyance:

2.12.99

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: **December 8, 1998**

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:

Patent Application No.	Filing date
09/187,059	November 5, 1998

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. **27,026**

Address: **Dike, Bronstein, Roberts & Cushman, LLP**

130 Water Street

City: **Boston** State/Prov.: **MA**

Country: **U.S.A.** ZIP: **02109**

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:

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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

February 8, 1999

Date

Total number of pages including cover sheet, attachments, and

2

ASSIGNMENT

We Hiroki MUNETOMO,
Takayuki KANOU,
 and Masao YAMAMOTO,
 for good and valuable consideration from Sharp Kabushiki Kaisha, a Japanese corporation, having its principal place of business at 22-22, Nagaike-cho, Abeno-ku, 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. _____ * signed by us December 8, 1998
 for Improvements in Print processing apparatus using computer system
 including all priority rights ensuring 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.

* Where the application is assigned before it is filed, and hence has no Serial No., this shall be left blank.

IN WITNESS WHEREOF,
 I, Hiroki MUNETOMO, hereunto set my hand and seal this 8th day of December, 1998,

Hiroki Munetomo
 (Hiroki MUNETOMO)

I, Takayuki KANOU, hereunto set my hand and seal this 8th day of December, 1998,

Takayuki Kanou
 (Takayuki KANOU)

and
 I, Masao YAMAMOTO, hereunto set my hand and seal this 8th day of December, 1998.

Masao Yamamoto
 (Masao YAMAMOTO)