To the Honorable Commissioner of Patents and Trademarks.  I hereby declare that all required original documents or copy thereof, have been submitted.

<table>
<thead>
<tr>
<th>1. Name of conveying party(ies):</th>
<th>2. Name and address of receiving party(ies):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Takahiro SHINGA</td>
<td>Name: RICOH COMPANY, LTD.</td>
</tr>
<tr>
<td></td>
<td>Address: 3-6, Nakamagome 1-chome, Ohta-ku, Toky</td>
</tr>
<tr>
<td></td>
<td>143-8555, JAPAN</td>
</tr>
</tbody>
</table>

Additional name(s) of conveying party(ies) attached? □ Yes ■ No
Additional name(s) and address(es) attached? □ Yes ■ No

3. Nature of Conveyance:
   - Assignment
   - Security Agreement
   - Change of Name
   - Other

Execution Date: July 5, 2001

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No.(s)
   09/838,313
B. Patent No.(s)

Additional numbers attached? □ Yes ■ No

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

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): $40.00
   ■ Enclosed
   □ Authorized to be charged to deposit account

8. Deposit account number: 15-0030
   (Attach duplicate copy of this page if paying by deposit account)

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.

   C. Irvin McClelland
   Name of Person Signing
   Registration Number: 21,124
   Joseph A. Scaletta, Jr.
   Signature
   Registration No. 26,803
   Date

Total number of pages including this cover sheet: 3

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231
Assignment of Application

WHEREAS, I (WE) Takahiro SHINGA, Chiba, JAPAN

invented certain new and useful improvements in:

METHOD AND DEVICE FOR FEEDING AND CUTTING A ROLLED TRANSFER
PAPER WITH IMPROVED OPERABILITY

for which an application for Letters Patent was executed on

(Application No. 09/838,313, filed April 20, 2001), and

WHEREAS, Ricoh Company, Ltd.

(herinafter referred to as “ASSIGNEE”) having a place of business at
3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, JAPAN

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any
Letters Patent that may be granted therefore in the United States and its territorial possessions and in
any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS ($5.00), the receipt
whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these
presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said
invention in the United States and its territorial possessions and in all foreign countries and the entire
right, title and interest in and to any and all Letters Patent which may be granted therefor in the
United States and its territorial possessions and in any and all foreign countries and in and to any and
all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its
territorial possessions and any and all foreign countries to issue any and all of said Letters Patent,
when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to
the same, for the sole use and benefit of said ASSIGNEE, its (his) successors and assigns, to the full
end of the term for which said Letters Patent may be granted, as fully and entirely as the same would
have been held by me (us) had this Assignment and sale not been made.
Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: ____________________________
(Signature of Inventor) _Takahiro SHINGA_

Date: ____________________________
(Signature of Inventor)

Date: ____________________________
(Signature of Inventor)

Date: ____________________________
(Signature of Inventor)

Date: ____________________________
(Signature of Inventor)

Date: ____________________________
(Signature of Inventor)

Date: ____________________________
(Signature of Inventor)

Date: ____________________________
(Signature of Inventor)

Date: ____________________________
(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
FOURTH FLOOR
1755 JEFFERSON DAVIS HIGHWAY
ARLINGTON, VIRGINIA 22202

RECORDED: 08/07/2001

PATENT
REEL: 012052 FRAME: 0440