To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Fumihiro SASAKI, Yasuaki IWAMOTO, Hiroaki MATSUDA, Hiroshi NAKAI, Hiroto HIGUCHI, Hyou SHU and Maiko KONDO

2. Name and address of receiving party(ies):
Name: RICOH COMPANY, LTD.
Address: 1-3-6, Nakamagome, Ohta-ku, Tokyo 143-8555, JAPAN

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


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)
   09/982,877

   Additional numbers attached?  □ Yes  ■ No

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

   22850
   Tel. (703) 413-3000
   Fax. (703) 413-2220

6. Total applications and patents involved:

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)

DO NOT USE THIS SPACE

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.

   Marvin J. Spivak
   Name of Person Signing

   Registration Number: 24,913

   Total number of pages including this cover sheet: 3

   06/02/2003 EDDPER 00000067 09982877
   01 FC0021 40.00 UP
   Do not detach this portion

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

   Director of the United States Patent and Trademark Office
   Mail Stop Assignment Recodation Services
   Alexandria, Virginia. 22313

PATENT
REEL: 014115 FRAME: 0969
Assignment of Application

WHEREAS, I (WE)
Fumihiro SASAKI of Fuji-shi, JAPAN; Yasuaki IWAMOTO of
Numazu-shi, JAPAN; Hiroaki MATSUDA of Numazu-shi, JAPAN;
Hiroshi NAKAJ of Yokohama-shi, JAPAN; Hiroto HIGUCHI of
Numazu-shi, JAPAN; Hyou SHU of Mishima-shi, JAPAN; Meiko
KONDO of Numazu-shi, JAPAN

, respectively, have invented certain new and useful improvements in:

TWO-COMPONENT DEVELOPER, AND IMAGE FORMING APPARATUS AND IMAGE
FORMING METHOD USING THE DEVELOPER

for which an application for Letters Patent was executed on

(Application No. , filed ), and

WHEREAS, RICOH COMPANY, LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at:
1-3-6, Nakamagome, 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 authorized 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 behoof 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: October 18, 2001
(Signature of Inventor)
Yasuaki IWAMOTO
(Signature of Inventor)
Hiroshi MATSUDA
(Signature of Inventor)
Hiroshi NAKAI
(Signature of Inventor)
Hiroto HIGUCHI
(Signature of Inventor)
Hyoo SHU
(Signature of Inventor)
Maiko KONDO

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

RECORDED: 05/29/2003
REEL: 014115 FRAME: 0971