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| To the Director of the United States Patent an 1032  | 2.1. Ecord the attached original documents or copy thereof  |  |  |
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| 1. Name of conveying party(ies):   | 2. Name and address of receiving party(ies):  |  |  |
| Naohiro WATANABE, Shigeru EMOTO, Chiaki TANAKA, Masahide YAMADA, Akinori SAITOH, Masahiro OHKI and Ryota INOUE  Additional name(s) of conveying party(ies) attached?   Yes No  | Name: Ricoh Company, Ltd.  Address: 1-3-6 Nakamagome Ota-ku, Tokyo 143-8555, Japan  |  |  |
| 3. Nature of Conveyance:   | <b>†</b>  |  |  |
| ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other □ Execution Date: May 1, May 2,  | Additional name(s) and address(es) attached?   Yes  |  |  |
| 4. Application number(s) or patent number(s):  |   |  |  |
| This document is being filed together with a new application   |   |  |  |
| A. Patent Application No.(s)   | B. Patent No.(s)  |  |  |
| Additional numbers attack  | l<br>aed? □ Yes ■ No  |  |  |
| 5. Name and address of party to whom correspondence concerning document should be mailed:  | 6. Total applications and patents involved: 1   |  |  |
| Customer Number 22850 Tel. (703) 413-3000 Fax. (703) 413-2220  | 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) |  |  |
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| 9. Statement and signature  To the best of my knowledge and belief, the foregoing information copy of the original document.  J. Derek Mason  Name of Person Signing  Registration Number: 35,270  | May 9, 2006 Date  |  |  |
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**PATENT REEL: 017879 FRAME: 0386** 

## 290000US2

## Assignment of Application

Page 1 of 2

|  | WHEREAS, I (WE)                                    | Nachiro WATANAB                       | E, Suntou-Gun, Sizuok     | a-ken, Japan;  |               |
|--|--|---------------------------------------|---------------------------|--|---------------|
| NSERT NAMES<br>IND RESIDENCE                     |  | Shigeru EMOTO, Nu                     | mazu-shi, Shizuoka-ke     | n, Japan;  |               |
| Licher (P<br>Me diviritora)                      | Chiaki TANAKA, Izunokuni-shi, Shizuoka-ken, Japan; |                                       |                           |  |               |
|  | Masahide YAMADA, Numazu-shi, Kanagawa-ken, Japan;  |                                       |                           |  |               |
|  | Akinori SAITOH, Numazu-shi, Shizuoka-ken, Japan;   |                                       |                           |  |               |
|  | Masahiro OHKI, Numazu-shl, Shizuoka-ken, Japan;    |                                       |                           |  |               |
|  | Ryota INOUE, Mishima-shi, Shizuoka-ken, Japan;     |                                       |                           |  |               |
|  |  |                                       |                           |  |               |
|  |  |                                       |                           |  |               |
|  |  |                                       |                           |  |               |
|  |  |                                       |                           |  |               |
|  |  |                                       |                           |  |               |
| NSERT TITLE<br>OF DIVENTION                      | have invented certain n                            | iew and useful improven               | TONER MAN                 | , respective to the control of the c | tively,<br>ND |
| NGERT DATE IN-<br>PERTORS SIGNED<br>EPCLARATION: | for which an applicatio                            | n for Letters Patent was              | executed on               | · · · · · · · · · · · · · · · · · · ·  |               |
| NGERT NAME                                       | (Application No.                                   | · · · · · · · · · · · · · · · · · · · | , filed                   |  | _), and       |
| ND ADDRESS OF<br>CAMPANY OR<br>THER ASSIGNEE     | WHEREAS, Ricoh Company Limited                     |                                       |                           |  |               |
|  | (hereinafter referred to                           | as "ASSIGNEE") having                 | g a place of business at  | : 1-3-6, Nakamagome, Ota-ku, Tokyo   |               |
|  | 143-8555, Japan                                    |                                       |                           |  |               |
|  | is desirous of acquiring                           | the entire right, title and           | d interest in and to said | invention and in and to any Letters Pate   | nt that       |

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 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.

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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 1940 Duke Street Alexandria, Virginia 22314 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:                                 | nachera Vatonalie                              |  |
|---------------------------------------|--|--|
| 4                                     | (Signature of Inventor) Nachiro WATANABE       |  |
| Date: 2, May, 2006                    | Shigeau Enoto                                  |  |
| <b>/</b>                              | (Signature of Inventor) Shigeru EMOTO          |  |
| Date: / , May 2006                    | Chiaki Tanaka.                                 |  |
| i i i i i i i i i i i i i i i i i i i | (Signature of Inventor) Chiaki TANAKA          |  |
| Date: 2. Pray 2 Los 6.                | markede Janada                                 |  |
| , 0                                   | (Signature of Inventor) Massinide YAMADA       |  |
| Date: 1, May, 2006                    | akinow Switch                                  |  |
| V                                     | (Signature of Inventor) Akinori SAITOH         |  |
| Date: Z. Anony 2006                   | (Signature of Inventor) Massahiro OHKI         |  |
| •                                     |  |  |
| Date: May 1, 2006                     | Rysta Inoul (Bignanire of Lifeboor) Ryota NOUE |  |
| V                                     | (dignature of lipschizer) Ryota INOUE          |  |
| Date:                                 | ·  |  |
|                                       | (Signapure of Inventor)                        |  |

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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