

MRO
8/25/05



02-02-2006



103114120



Atty Docket No.: 0293802

FORM PTO-1595
3-6-04

RECO
P/

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name of conveying party(ies):
Yoshinori NAKAGAWA, Hisashi SHOJI, Yasushi NAKAZATO,
Satoshi OUCHI, Nekka MATSUURA, Osamu SATOH,
Shuji HIRAI, Seiji HOSHINO, Katsuaki MIYAWAKI

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

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

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: July 13, 13, 13, 13, 14, 13, 13, 13, 13,
2005

Additional name(s) and address(es) attached? Yes No

4. Application number(s) or patent number(s):
 This document is being filed together with a new application

A. Patent Application No.(s)
11/156,552

B. Patent No.(s)

Additional numbers attached? Yes No

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

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

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)

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

Joseph Scafetta Jr.
Signature

AUG 25 2005
Date

Registration Number: 24,913

Joseph Scafetta, Jr.
Registration No. 26,803

Total number of pages including this cover sheet: 3

Do not detach this portion 08/25/2005 08EN001 00000048 11156552

Mail documents to be recorded with required cover sheet information to: 01 FD:8231

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

40.93 0P

COPY

PATENT
REEL: 017114 FRAME: 0610

273802US-2

Assignment of Application

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS:

WHEREAS, I (WE) Yoshinori NAKAGAWA, residing at Yokohama-shi, JAPAN

Hisashi SHOJI, residing at Kawasaki-shi, JAPAN

Yasushi NAKAZATO, residing at Tokyo, JAPAN

Satoshi OUCHI, residing at Tokyo, JAPAN

Nekka MATSUURA, residing at Yokohama-shi, JAPAN

Osamu SATOH, residing at Sagami-hara-shi, JAPAN

Shuji HIRAI, residing at Tokyo, JAPAN

Seiji HOSHINO, residing at Atsugi-shi, JAPAN

Katsuaki MIYAWAKI, residing at Yokohama-shi, JAPAN

), respectively,

INSERT TITLE OF INVENTION:

have invented certain new and useful improvements in: ABNORMALITY DETERMINING APPARATUS, IMAGE FORMING APPARATUS INCLUDING THE ABNORMALITY DETERMINING APPARATUS, AND ABNORMALITY DETERMINING METHOD

(Application No. 11/156,552, filed June 21, 2005), and

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE:

WHEREAS, RICOH COMPANY, LTD.

(hereinafter 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 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.

12/04

COPY

PATENT
REEL: 017114 FRAME: 0611

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: <u>July 13, 2005</u>	<u>Yoshinori Nakagawa</u> (Signature of Inventor) Yoshinori NAKAGAWA
Date: <u>July 13, 2005</u>	<u>Hisashi Shoji</u> (Signature of Inventor) Hisashi SHOJI
Date: <u>July 13, 2005</u>	<u>Yasushi Nakazato</u> (Signature of Inventor) Yasushi NAKAZATO
Date: <u>July 13, 2005</u>	<u>Satoshi Ouchi</u> (Signature of Inventor) Satoshi OUCHI
Date: <u>July 14, 2005</u>	<u>Nekka Matsuura</u> (Signature of Inventor) Nekka MATSUURA
Date: <u>July 13, 2005</u>	<u>Osamu Satoh</u> (Signature of Inventor) Osamu SATOH
Date: <u>July 13, 2005</u>	<u>Shuji Hirai</u> (Signature of Inventor) Shuji HIRAI
Date: <u>July 13, 2005</u>	<u>Seiji Hoshino</u> (Signature of Inventor) Seiji HOSHINO
Date: <u>July 13, 2005</u>	<u>Katsuaki Miyawaki</u> (Signature of Inventor) Katsuaki MIYAWAKI

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

COPY

12/04

RECORDED: 08/25/2005

PATENT
REEL: 017114 FRAME: 0612