

07-17-1998

U.S. DEPARTMENT OF COMMERCE
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Docket No: 0557-4343-2/mmr

100767090

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

1. Name of conveying party(ies):

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Rikicharu ABE, Michiaki SHINOTSUKA and
Masahiko NAKAYAMA

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: March 26, 1998

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: N/A

A. Patent Application No.(s)

09/056,630

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.
Attorneys at Law
Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202

6. Total number of 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)

07/16/1998 INVENT 00000340 09056630

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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.

Marvin J. Spivak

Registration No. 24, 913

Robert F. Gnute

Registration Number 27,295

Total number of pages including cover sheet: 3

7/17/98
Date

OMB No. 0651-0011 (exp. 4/94)

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PATENT
REEL: 9309 FRAME: 0124

Assignment Of Application

Page 1 of 2

WHEREAS, I (WE) MICHIHARU ABE, MICHIAKI SHINOTSUKA and

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

MASAHIKO NAKAYAMA

of Kanagawa, Japan,

Kanagawa, Japan and

Kanagawa, Japan

, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: PHASE CHANGE RECORDING
MEDIUM FOR ALLOWING A TRACKING SERVO CONTROL BASED ON A DIFFERENTIAL
PHASE DETECTION TRACKING METHOD

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on March 26, 1998

(Application No. 09/056,630, filed April 8, 1998), 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 therefor 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.

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: <u>26 / March / 1998</u>	<u>Michiharu Abe</u> (Signature of Inventor) MICHIHARU ABE
Date: <u>26 / March / 1998</u>	<u>Michiaki Shinotsuka</u> (Signature of Inventor) MICHIAKI SHINOTSUKA
Date: <u>26 / March / 1998</u>	<u>Masahiko Nakayama</u> (Signature of Inventor) MASAHIKO NAKAYAMA
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
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Attest:

Attest JCL

Hiroshi Morita

1/95