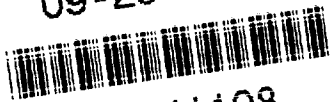


MRO 9-25-98

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

NOV 25 11 12: 41

Attorney Docket No.: 040894-5291

To the Assistant Commissioner for Patents:
Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

Haruyoshi YAMADA, Yasushi HOSHINO, Kohichi YAMAGUCHI, Toshiki FUJISAWA, Satoshi HARADA and Kousei MIYAUCHI

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

Yes No

2. Name and address of receiving party(ies):

Name: Seiko Epson Corporation
4-1, Nishi-Shinjuku 2-chome,
Shinjuku-ku, Tokyo, Japan

Konica Corporation
26-2, Nishi-Shinjuku 1-chome,
Shinjuku-ku, Tokyo, Japan

Street Address: Same as above

City:
State: Zip:

Additional name(s) & address(es) attached?

Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other Corrected Recordation

Execution Date: 1) November 20, 1997, 2) November 21, 1997,
3) November 21, 1997, 4) November 21, 1997,
5) November 21, 1997 and 6) November 21, 1997

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. 08/973,148 B. Patent No.(s)

Additional numbers attached: Yes No

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

Name: Mr. Robert J. Gaybrick
Internal Address: Morgan, Lewis & Bockius LLP
Street Address: 1800 M Street, N.W.
City: Washington State: D.C. Zip: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R §3.41): \$40.00
 Enclosed
 Authorized to be charged to deposit account 50-0310

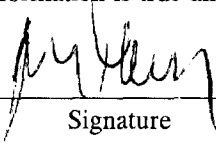
8. Deposit account number: 50-0310
Attach duplicate of page if paying by deposit account

9/29/1998 JMWTKINS 00000049 08973148 01 FC:581

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.

J. Michael Thesz
Name of Person Signing


Signature

September 25, 1998
Date

Total number of pages including cover sheet, attachments and documents: 3

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DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Haruyoshi YAMADA, Yasushi HOSHINO, Kohichi YAMAGUCHI, Toshiki FUJISAWA, Satoshi HARADA and Kousei MIYAUCHI

Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
Name:
SEIKO EPSON CORPORATION and KONICA CORPORATION
Internal Address:
4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo, Japan and 26-2, Nishi-Shinjuku 1-chome, Shinjuku-ku, Tokyo, Japan
Street Address:
Same as above

City State Zip

Additional name(s) & address(es) attached?
 yes no

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: November 21, 1997

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:
November 21, 1997

A. Patent Application No.(s)

B. Patent No(s).

Additional numbers attached? Yes No

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3202

6. Total number of applications and patents involved:
One (1)

7. Total Fee (37 CFR 3.41): \$ 40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
 Authorized to be charged to Deposit Account

8. Deposit Account No.

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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.

Darryl Mexic
Name Darryl Mexic Reg. No. 23,063

November 28, 1997
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

Assignment

Whereas, I/We, Haruyoshi YAMADA of Nagano Japan; and of
 Yasushi HOSHINO, Kohichi YAMAGUCHI,
 Toshiki FUJISAWA, Satoshi HARADA and
 Kousei MIYAUCHI all of Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in

IMAGE READING APPARATUS

and executed an application for Letters Patent of the United States of America therefor on
 November 20 and 21, 1997; and

Whereas, Seiko Epson Corporation of 4-1, Nishi-Shinjuku 2-chome,
 Shinjuku-ku, Tokyo, Japan
 and
 Konica Corporation of 26-2, Nishi-Shinjuku 1-chome,
 Shinjuku-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to
 any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its
 successors and assigns, the entire right, title and interest in the application and the invention disclosed
 therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and
 I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth
 in the application to the assignee, its successors and assigns; and I/we will execute without further
 consideration all papers deemed necessary by the assignee in connection with the United States application
 when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of
 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application
 number _____, filed _____) the filing date and application
 number of said application when known.

Date: 11/20/1997 s/ Haruyoshi Yamada
 Haruyoshi YAMADA

Date: 11/21/1997 s/ Yasushi Hoshino
 Yasushi HOSHINO

Date: 11/21/1997 s/ Kohichi Yamaguchi
 Kohichi YAMAGUCHI

Date: 11/21/1997 s/ Toshiki Fujisawa
 Toshiki FUJISAWA

Date: 11/21/1997 s/ Satoshi Harada
 Satoshi HARADA

Date: 11/21/1997 s/ Kousei Miyuchi
 Kousei MIYAUCHI

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

