

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT								
NATURE OF CONVEYANCE:	Corrective Assignment to correct the boxes identifying the rights being assigned, by placing "x marks" in the intended locations on the original assignment, previously recorded on Reel 007345 Frame 0444. Assignor(s) hereby confirms the assignment of assignors' interest..								
CONVEYING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Satoshi Shimokawato</td> <td>01/07/1995</td> </tr> <tr> <td>Hiromu Miyazawa</td> <td>01/07/1995</td> </tr> <tr> <td>Toshiaki Mikoshiba</td> <td>01/07/1995</td> </tr> </tbody> </table>		Name	Execution Date	Satoshi Shimokawato	01/07/1995	Hiromu Miyazawa	01/07/1995	Toshiaki Mikoshiba	01/07/1995
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RECEIVING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Seiko Epson Corporation</td> </tr> <tr> <td>Street Address:</td> <td>4-1, Nishi-shin 2-chome, Shinjuku-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Seiko Epson Corporation	Street Address:	4-1, Nishi-shin 2-chome, Shinjuku-ku	City:	Tokyo	State/Country:	JAPAN
Name:	Seiko Epson Corporation								
Street Address:	4-1, Nishi-shin 2-chome, Shinjuku-ku								
City:	Tokyo								
State/Country:	JAPAN								
PROPERTY NUMBERS Total: 2									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>5574703</td> </tr> <tr> <td>Patent Number:</td> <td>5815469</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	5574703	Patent Number:	5815469		
Property Type	Number								
Patent Number:	5574703								
Patent Number:	5815469								
CORRESPONDENCE DATA									
<p>Fax Number: (480)948-3387 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 4809483295 Email: donald@valuablepatents.com Correspondent Name: Louis J. Hoffman, P.C. Address Line 1: 11811 North Tatum Boulevard, Suite 2100 Address Line 4: Phoenix, ARIZONA 85028</p>									
ATTORNEY DOCKET NUMBER:	29-EPS-PL5								
NAME OF SUBMITTER:	Louis J. Hoffman								

OP \$80.00 5574703

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PATENT
REEL: 024185 FRAME: 0102

Total Attachments: 14

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Attorney's Docket No. U 9985-5

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Assignments
Commissioner of Patents and Trademarks
Washington, D.C. 20231

NOTE: Documents and cover sheets to be recorded should be addressed to Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231, unless they are filed together with new applications or with a petition under § 3.81(a), 37 CFR 3.27.

ASSIGNMENT (DOCUMENT) COVER SHEET (37 CFR 3.31)

NOTE: "A cover sheet may not refer to both patents and trademarks." 37 CFR 3.31(b).
Attached please find an assignment (document) for recordal.

RECEIVED
95 MAR -8 AM 9:30
ASSIGNMENT BRANCH

REEL 1345 FRAME 44

CERTIFICATION 37 CFR 1.8(a) and 1.10

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☒ deposited with the United States Postal Service in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231

37 CFR 1.8(a)

☒ with sufficient postage as first class mail

37 CFR 1.10

☐ as "Express Mail Post Office to Addressee"
Mailing Label No. _____

TRANSMISSION

☐ transmitted by facsimile to the Patent and Trademark Office.

Date: February 14, 1995

Signature

William R. Evans

(Type or print name of person certifying)

090 BA 03/06/95 08339510

(Assignment (Document) Cover Sheet [16-6] — page 1 of 6)

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PATENT

REEL: 024185 FRAME: 0104

**IDENTIFICATION OF APPLICATION(S) AND/OR PATENT(S) FOR
ASSIGNMENT (DOCUMENT) RECORDAL (37 CFR 3.21 and 37 CFR
3.21(a)(4))**

NOTE: "An assignment relating to a patent must identify the patent by the patent number. An assignment relating to a national patent application must identify the national patent application by the application number (consisting of the series code and the serial number, e.g., 07/123,456) or the serial number and the filing date. An assignment relating to an international patent application which designates the United States of America must identify the international application by the international application number (e.g., PCT/US80/1234)." 37 CFR 3.21.

NOTE: § 3.21 does not apply to documents other than assignment. Notice of June 24, 1982 (1140 O.G. 63-72 at 67).

1. This assignment is for the following patent application and/or issued patent:

National application: SN: 08 / 339,510 filed on September 14, 1994

International application: PCT/ /

Patent No: issued:

(complete if applicable) which was previously assigned and recorded

Date _____

Reel _____

Frame _____

(also complete the following, if applicable)

- ☐ and also for the applications and/or patents
shown on the attached list of FURTHER
APPLICATION(S) and/or PATENT(S) BEING ASSIGNED

Number of pages added _____

NOTE: "Where there is a listing of properties contained within a document, any listing may be copied and attached to the cover sheet to reduce the amount of typing necessary. A notation of this attachment can be made in lieu of entering every property identification number on the cover sheet. Notice of June 24, 1982 (1140 O.G. 63-72 at 67).

**TOTAL NUMBER OF APPLICATIONS AND/OR PATENTS
AND TOTAL FEE (37 CFR 3.22(a)(6))**

2. A. The total number of applications and/or patents identified in this cover sheet is
1

B. The total fee is (37 CFR 1.21(f)):

1 x \$40.00 = \$ 40.00
Total number of applications
and/or patents

(Assignment (Document) Cover Sheet [16-6] —page 2 of 6)

REEL 1345 FRAME 45

C. Payment of fee is made by:

☒ attached check for \$ 40.00

☐ Please charge Account _____
the sum of \$ _____

A duplicate of this cover sheet is attached.

Please charge Account 12-0425 for any fee deficiency or credit to account any overpayment.

**NAME OF PARTY(IES) CONVEYING INTEREST
(37 CFR 3.51(a)(1))**

NOTE: "The term 'party' as used in this rule [§ 3.51] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer whose a corporation's name appears on the documents." Notice of June 24, 1982 (1140 O.G. 63-72, at 65).

1. The party(ies) conveying interest is (are):

Name 1: Satoshi SHIMOKAWATO

Name 2: Hiroshi MIYAZAKI

Name 3: Toshiaki MIKOSHIBA

**NAME AND ADDRESS OF PARTY(IES) RECEIVING
INTEREST (37 CFR 3.51(a)(2))**

4. The rights are being conveyed to:

Name: SEIKO EPSON CORPORATION

Address: 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-ku,
Tokyo-to, JAPAN

REEL 1345 FRAME 446

**DESCRIPTION OF INTEREST CONVEYED OR
TRANSACTION RECORDED (37 CFR 3.31(a)(3))**

5. The accompanying document intends to accomplish:

- ☒ an assignment.
- ☐ a security agreement.
- ☐ a merger.
- ☐ a license.
- ☐ a change of name.
- ☐ a change of address.
- ☐ other.

19
1-7-95

**NAME AND ADDRESS OF PARTY TO WHOM
CORRESPONDENCE SHOULD BE MAILED (37 CFR 3.31(a)(5))**

6. Please address correspondence to:

Name: Ladas & Parry
Address: 26 West 61st Street
New York, NY 10023
Telephone No.: (212) 708-1945

**DATE ASSIGNMENT (DOCUMENT) EXECUTED
(37 CFR 3.31(a)(7))**

7. The attached assignment (document) was executed on January 7, 1995
(date)

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

NOTE: "The Office will accept and record non-English language documents only if accompanied by a verified English translation signed by the individual making the translation." 37 CFR 3.26.

8. The attached document:

- ☒ is in the English language
- ☐ is not in the English language and a verified English translation signed by the individual making the translation is attached.

(Assignment (Document) Cover Sheet [16-6] —page 4 of 6)

REEL 7345 FRAME 47

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

NOTE: "Either the original document or a true copy of the original document may be submitted for recording. Only one side of each page shall be used. The paper used should be flexible, strong, white, non-shiny, durable, and preferably no larger than 21.6 x 33.1 cm. (8 1/2 x 14 inches) with a 2.5 cm. (one-inch) margin on all sides." 37 CFR 3.24.

9. Submitted herewith is:

- ☒ the original document
☐ a true copy of the original document

NOTE: "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement set out in 37 C.F.R. § 3.24(f) by providing a true copy of the original document using only one side of each page on the correct size paper." Notice of June 24, 1982, 1140 O.G. 63-76, at 67.

ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF ADDRESS

(check item if applicable)

10. ☐ Because the purpose of the attached documents is to record a change of address of the assignee the particulars of the previously recorded assignments for each application and/or patent are shown.

ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF NAME

(check item if applicable)

11. ☐ Because the purpose of the attached documents is to record a change of name of the assignee the particulars of the previously recorded assignments for each application and/or patent are shown.

CHANGE OF PATENT MAINTENANCE FEE ADDRESS

(check item if applicable)

12. ☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent to the Office separately.

(Assignment (Document) Cover Sheet [16-6] —page 5 of 6)

REEL 1345 FRAME 48

**STATEMENT (37 CFR 3.31(a)(9)) AND
SIGNATURE (37 CFR 3.31(a)(10))**

13. 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.

NOTE: "The term 'party' as used in this rule [§ 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the document." Notice of June 24, 1982, 1140 O.G. 63-72, at 65.

Date: February 14, 1995

(Name of party submitting document)

(Signature of party submitting document)

(complete the following if the party submitting the
document is applicant's attorney)

SIGNATURE OF ATTORNEY

Reg. No.

(type or print name of Attorney)

Tel. No. ()

(P.O. Address)

WILLIAM R. EVANS
c/o LADAS & PARRY
25 WEST 61st STREET
NEW YORK, N.Y. 10023
Reg. No. 25,858 (212) 708-1945

TOTAL NUMBER OF PAGES BEING SUBMITTED

14. The total number of pages being submitted, including cover sheet attachment(s), and documents are:

10

Total number of pages submitted

REEL 7345 FRAME 449

PATENT

For: ☒ U.S. and/or ☐ Foreign Rights

For: ☒ U.S. Application or ☐ U.S. Patent

By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (inventors):

Satoshi SHIMOKAWATO

C/O SEIKO EPSON CORPORATION
3-5, OWA 3-CHOME, SUWA-SHI,
NAGANO-KEN, JAPAN JAPAN

(Type or print name of inventors)

Address

Nationality

Hiromu MIYAZAWA

C/O SEIKO EPSON CORPORATION
3-5, OWA 3-CHOME, SUWA-SHI,
NAGANO-KEN, JAPAN JAPAN

Toshiaki MIKOSHIBA

C/O SEIKO EPSON CORPORATION
3-5, OWA 3-CHOME, SUWA-SHI,
NAGANO-KEN, JAPAN JAPAN

REEL 1345 FRAME 50

hereby sells, assigns and transfers to
ASSIGNEE: 4-1, NISHI-SHINJUKU
2-CHOME, SHINJUKU-KU,
SEIKO EPSON CORPORATION TOKYO-TO, JAPAN JAPAN
(Type or print name of ASSIGNEE)

Address

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☐ the entire right, title and interest
☐ an undivided _____ percent (____ %) interest

for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

- ☐ and in all foreign countries, including all rights to claim priority
in and to any and all improvements which are disclosed in the invention entitled:

MAGNETO-OPTICAL METHOD AND APPARATUS FOR RECORDING/REPRODUCTION DATA

(check and complete (a), (b), (c) or (d))

and which is found in

- (a) ☐ U.S. patent application executed on even date herewith
(b) ☐ U.S. patent application executed on _____
☐ To comply with CFR 3.21 for recording of this assignment, I, an ASSIGNOR
signing below, hereby authorize and request my attorney, as named in the
Declaration and Power of Attorney I executed for this invention on the
execution date stated above, to insert below the filing date and application
number when it becomes known.
(c) ☒ U.S. application serial no. 08 / 339,510 filed on NOVEMBER 14, 1994
(d) ☐ U.S. patent no. _____ issued _____
☐ A change of address to which correspondence is to be sent regarding patent
maintenance fees is being sent separately.

(check (e) if foreign application(s) is also being assigned)

- (e) ☐ and any legal equivalent thereof in a foreign country, including the right to claim
priority

REEL 1345 FRAME 51

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purpose thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this (X) Jan. 7, 1995
(Date of signing).

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Satoshi SHIMOKAWATO
(Type name of inventor)

Hironu MIYAZAWA

Toshiaki MIKOSHIBA

(X) Satoshi Shimokawato
Signature of INVENTOR

(X) Hironu Miyazawa

(X) Toshiaki Mikoshiba

REEL 1345 FRAME 52

(Assignment of Invention—Multiple Inventors [16-3.2]—page 4 of 4)

☐ Notarization or Legalization Page Added.

REEL 024185 FRAME 053

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

FEB 17 95

RECORDED
PATENT AND TRADEMARK
OFFICE

PATENT

For: ☒ U.S. and/or ☐ Foreign Rights

For: ☒ U.S. Application or ☐ U.S. Patent

By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (inventors):
Satoshi SHIMOKAWATO

C/O SEIKO EPSON CORPORATION
3-5, OWA 3-CHOME, SUWA-SHI,
NAGANO-KEN, JAPAN JAPAN

(Type or print name of inventors)

Address

Nationality

Hiromu MIYAZAWA

C/O SEIKO EPSON CORPORATION
3-5, OWA 3-CHOME, SUWA-SHI,
NAGANO-KEN, JAPAN JAPAN

Toshiaki MIKOSHIBA

C/O SEIKO EPSON CORPORATION
3-5, OWA 3-CHOME, SUWA-SHI,
NAGANO-KEN, JAPAN JAPAN

REEL 1345 FRAME 450

PATENT

REEL: 024185 FRAME: 0114

hereby sells, assigns and transfers to

ASSIGNEE:

SEIKO EPSON CORPORATION
(Type or print name of ASSIGNEE)

4-1, NISHI-SHINJUKU
2-CHOME, SHINJUKU-KU,
TOKYO-TO, JAPAN JAPAN

Address

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

SS Mar 19, 2010

HM March 30, 2010

TM May 24, 2010

(complete one of the following)

- ☒ the entire right, title and interest
☐ an undivided _____ percent (____ %) interest

for the United States and its territorial possessions

SS Mar 19, 2010

HM March 30, 2010

TM Mar 24, 2010

(check the following box if foreign rights are also to be assigned)

- ☒ and in all foreign countries, including all rights to claim priority

in and to any and all improvements which are disclosed in the invention entitled:

MAGNETO-OPTICAL METHOD AND APPARATUS FOR RECORDING/REPRODUCTION DATA

(check and complete (a), (b), (c) or (d))

and which is found in

- (a) ☐ U.S. patent application executed on even date herewith
(b) ☐ U.S. patent application executed on _____
☐ To comply with CFR 3.21 for recodral of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this invention on the execution date stated above, to insert below the filing date and application number when it becomes known.
(c) ☒ U.S. application serial no. 08 / 339,510 filed on NOVEMBER 14, 1994
(d) ☐ U.S. patent no. _____ issued _____
☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(check (e) if foreign application(s) is also being assigned)

- (e) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

PATENT

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this (X) Jan. 7, 1995
(Date of signing).

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Satoshi SHIMOKAWATO
(Type name of Inventor)

Hiromu MIYAZAWA

Toshiaki MIKOSHIBA

(X) Satoshi Shimokawa
Signature of INVENTOR

(X) Hiromu Miyazawa

(X) Toshiaki Mikoshiba

REEL 1345 FRAME 52

(Assignment of Invention—Multiple Inventors [16-3.2]—page 4 of 4)

☐ Notarization or Legalization Page Added.

NOTE: *No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.*

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PATENT AND TRADEMARK
OFFICE

RECORDED: 04/05/2010

PATENT
REEL: 024185 FRAME: 0117

REEL 1345 FRAME 453