the original document.

CILIFFORD J. MASS

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PORIFFTO-1595 M PD RECORDATION FO (Rev. G-93) OMB No. 0651-2011 (0xg. 4/94) 7 · 26.99 PATEN	TS ONLY
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof,
1. Name of conveying party(ies): Kazuhide KUBOTA Kiyohiko TAKEMOTO Shinichi KATO Additional name(s) of conveying party(ies) attached? Yes No	Name and address of receiving party(les) Seiko Epson Corporation Name: Internal Address:
3. Nature of conveyance: 40	
☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name*	Street Address: 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku Tokyo-to JAPAN
	City: State: ZIP:
Other See attached sheet	
Execution Date: April 27, 1998	Additional name(s) & address(es) attached? O Yes K No
A. Patent Application No.(s) 08/939,033	B. Patent No.(s) . tached? C Yes 및 No
Additional numbers of	adires: 5 165 A 116
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Clifford J. Mass	7. Total fee (37 CFR 3.41)\$ 40.00
Registration No. 30,086 Internal Address: LADAS & PARRY	□ Enclosed
26 West 61st Street New York, NY 10023 (212) 708-1890	Authorized to be charged to deposit account
Street Address:	8. Deposit account number: 12-0425
City: State: ZIP:	(Attach duplicate copy of this page if paying by deposit account)
DO NOT US	ETHIS SPACE
	A / O
9. Statement and signature. To the best of my knowledge and belief, the foregoing information	aiby is true and correct and any attached copy is a true copy

PATENT July 26, 1999 REEL: 009972 FRAME: 0872

3. Nature of Conveyance: (Cont'd)

Document previously recorded at Reel 9409 Frame 0634 contained an error in property no: 08/939,077. Document re-recorded to correct error on stated reel and also to correct surname of the first named assignor.

IN THE U

09-02-1998

ADEMARK OFFICE

Box Assignments Commissioner of F Washington, D.C. 2---



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NOTE: "Documents and cover sheets to be recorded should be addressed to Assir*-nt Commissioner for Patents, Box Assignments, Washington, D.C. 20231, unless they are filed together with new applications or with a petition under \$ 3.81(b)." 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,

CERTIFICATION 37 CFR 1.8(a) and 1.10

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

MALING

 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)

37 CFR 1.10

with sufficient postage as first class mail.

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

TRANSMISSION

☐ transmitted by faceimile to the Patent and Trademark-Office.

Signeture

Dete: August 18, 1998

JANET I. CORD

(type or print name of person certifying)

(Assignment (Document) Cover Sheet [18-6] ---page 1 of 6)

REEL: 9409 FRAME: 0634

PATENT

REEL: 009972 FRAME: 0874

IDENTIFICATION OF APPLICATION(8) AND/OR PATENT(8) FOR ASSIGNMENT (DOCUMENT) RECORDAL

(37 CFR 3.21 and 37 CFR 3.31(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 filling data. 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/US90/01234)." 37 CFR 3.21.
NOTE:	§ 3.21 does not apply to documents other than assignment. Notice of June 24, 1992 (1140 O.G. 63-72 at 67).
1. This	assignment is for the following patent application and/or issued patent:
Nationa	lapplication: SN: 08/93.9,077 filed on September 26, 1997
Provisio	onal application: / filed on
internat	fonal application: PCT/ /
Patent	No: Issued:
	(complete if applicable) which was previously assigned and recorded
	Date Reci
	Frame
	(also complete the following, if applicable)
sho	I also for the applications and/or patents wn on the attached list of FURTHER PLICATION(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, 1992 (1140 O.G. 63-72 at 67).
	TOTAL NUMBER OF APPLICATIONS AND/OR PATENTS AND TOTAL FEE (37 CFR 3.28(a)(8))
	The total number of applications and/or patents identified in this cover sheet is ONE (1)
в	The total fee is (37 CFR 1.21(h)):
	× \$40.00 = \$40.00
	Total number of applications and/or patents

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

PATENT REEL: 9409 FRAME: 0635

C.	Payment of fee is made	by:	
		★ The attached	check for \$ 40.00
		☐ Please charge	Account
		the sum of	\$
	A duplicate of this cover sheet is attached.		
F	Please charge Account	12-0425	for any fee deficiency or credit to
	count any overpayment.		•

NAME OF PARTY(IES) CONVEYING INTEREST (37 CFR 3.31(a)(1))

NOTE: "The term 'perty' 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 documents." Notice of June 24, 1992 (1140 O.G. 63-72, at 65).

3. The party(les) conveying interest is (are):

Name 1: Kazuhide KUBOTO

Name 2: Kiyohiko TAKEMOTO

Name 3: Shinichi KATO

HAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST (37 CFR 3.31(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

(Assignment (Document) Cover Sheet [18-6]--page 3 of 6)

PATENT REEL: 9409 FRAME: 0636

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

E	The secomposit	ying document intends to accomplish:
5.		an assignment.
	-	a security agreement.
	_	a merger.
		a license.
		a change of name.
		a change of address.
		other:
		NAME AND ADDRESS OF PARTY TO WHOM SPONDENCE SHOULD BE MAILED (37 CFR 3.31(a)(5))
6.	Please address	s correspondence to:
		me: CLIFFORD J. MASS
		C/O LADAS & PARRY dress: 25 WEST 61st STREET
	,	NEW YORK, NEW YORK 10023
	7 -1	 ,
	168	ephone No.: (212) 708-1890
		PATE ASSIGNMENT (DOCUMENT) EXECUTED (37 CFR 3.31(a)(7))
7.	The attached a	issignment (document) was executed on APRIL 27, 1998
		(date)
	LANGUA	DE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED
,	NOTE: "The Office t English trans	will accept and record non-English language documents only if accompanied by a verified lation aigned by the individual making the translation." 37 CFR 3.26.
8.	The attached of	document:
	🖾 is in the	English language.
	□ ks not in Individu	n the English language and a verified English translation signed by the all making the translation is attached.

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

PATENT REEL: 9409 FRAME: 0637

ORIGINAL DOCUMENT OR TRUE CUPY SUBMITTED

NOTE:	"Either the original document or a true copy of the original document may be automated for recording. Only one aide 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. (61/2 x 14 inches) with a 2.5 cm. (one-inoh) margin on all sides." 37 CFR 3.24.
9. Sub	mitted herewith is:
G	the original document.
	a true copy of the original document, which I certify to be a true copy.
NOTE:	"If the original [assignment] document is two-elded or the wrong size, the practitioner can comply with the requirement (set out in 37 C.F.R. § 3.24) 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, 1992, 1140 O.G. 63-76, at 67.
NOTE:	"Certification shall be made by the person submitting a copy of an original document that the document submitted is a true copy of the original. The certification is not required to be in an eath or declaration form." M.P.E.P., 6th ed., \$ 302.01.
,	ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF ADDRESS
	(check Item, if applicable)
of	Because the purpose of the attached documents is to record a change of address the assignee, the particulars of the previously recorded assignments for each oplication and/or patent are shown.
	ASSIGNMENT (DOCUMENT) TO RECORD CHANGE OF NAME
	(check Item, if applicable)
of	Because the purpose of the attached documents is to record a change of name in the assignee, the particulars of the previously recorded assignments for each oplication and/or patent are shown.
	CHANGE OF PATENT MAINTENANCE FEE ADDRESS
	(check item, if applicable)
	A change of address to which correspondence is to be sent regarding patent naintenance fees is being sent to the Office separately.
	(Assignment (Document) Cover Sheet [16-6]—page 5 of 6)

PATENT REEL: 9409 FRAME: 0638

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, 1992, 1140 O.G. 63-76, at 65.

Dete: AUGUST	18, 1998	Name of party submitting document	
		Signature of party submitting document	
		(complete the following, if the party submitting the document is applicant's attorney)	
		clifford a miss by Op.	
Den No.		Clifford J. Mass	99,778
Reg. No.:		Registration No. 30.086	
Tel. No.: ()	26 West 61st Street	
		7.0. (212) 708-1890	
	TOTAL NUM	BER OF PAGES BEING SUBMITTED	

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

NINE (9)
Total number of pages submitted

(Assignment (Document) Cover Sheet [16-6]--page 8 of 5)

PATENT REEL: 9409 FRAME: 0639

PATENT

Fon ⊠ U.S. and/or ☐ Foreign Rights
Fon ⊠ U.S. Application or ☐ U.S. Patent
By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

	ASSIGNEE to ASSIGNOR of the sum of One Dollar
	cknowledged, and for other good and valuable con-
sideration,	c/o Seiko Epson Corporation,
ASSIGNORS (inventors):	3-5, Owa 3-chome, Suwa-shi,
Kazuhide KUBOTA (Type or print name of inventors)	Nagano-ken, Japan Japan Address Nationality
(Type of prairies of anythology	Trade data to the second secon
	c/o Seiko Epson Corporation,
Kiyohiko TAKEMOTO	3-5, Owa 3-chome, Suwa-shi,
ATYONIAO TARBIOTO	Nagano-ken, Japan Japan
	c/o Seiko Epson Corporation,
	3-5, Owa 3-chome, Suwa-shi,
Shinichi KATO	Nagano-ken, Japan Japan

	•

PATENT REEL: 9409 FRAME: 0640

(Assignment of Invention—Multiple Inventors [18-3.2]—page 1 of 3)

ASSIGNEE:	4-1, Nishi-shinjuku 2-chome, Sh
IKO EPSON CORPORATION	ku, Tokyo-to, Japan Japan Address Nationality
Type or print name of ASSIGNEE)	Address (Neutrality
nd the successors, assigns and legal r	representatives of the ASSIGNEE
(complet	te one of the following)
x the entire right, title and inte	rest .
an undividedperce	nt (%) interest
or the United States and its territorial p	possessions
(check the following box if foreign right	s are also to be assigned)
and in all foreign countries	
n and to, any and all improvements wh	ich are disclosed in the invention entitled:
INK JET REC	ORDING METHOD
(check and	complete (a), (b), (c) or (d)
and which is found in	
(a) U.S. patent application exec	
(b) U.S. patent application exec	
	08/939,033 filed on September 26, 199
(d) U.S. patent no.	
	eign application(s) is also being assigned)
(e) and any legal equivalent the priority	ereof in a foreign country, including the right to claim
(Assignment of I	rvention—Multiple Inventors [16-3.2]—page 2 of 3)
	•
	•
and the same arms to th	The Manager of the Control of the Co
	PATENT
	REEL: 9409 FRAME: 0641

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 re-issue 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 see this April 27, 1998 (Date of signing).

above.	The as the date of execution of the application if item (a) was checked. Rejultible Rubets
Kazuhide KUBOTA (Type name of Inventor)	Signature of INVENTOR
Kiyohiko TAKEMOTO	Kirschiko Takemoto Shiniki Kato
Shinichi KATO	Shinishi Kato
	ization is necessary. If the assignment is notarized or legalized then it will cution 35 USC 261. Use next page if notarization is desired.
☐ Notarization	n or Legalization Page Added.
. (Aggingment of	of Invention—Multiple Inventors [18-3.2]—page 3 of 3)
(vasidiiiiaiir c	u uranimor—wordbia irranimora fila-3-31—bada 3 of 3)

PATENT

REFL: 9409 FRAME: 0642

REEL: 9409 FRAME: 0642

PATENT RECORDED: 07/26/1999 REEL: 009972 FRAME: 0882

RECORDED: 08/21/1998