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1.	Α.	Name of conveying party(ies): Katsunori KAWANO Jiro MINABE Tatsuya MARUYAMA Shin YASUDA Norie MATSUI Tsutomu ISHII Kazuhiro HAMA		2.	A.	Name and address of receiving party(ies): FUJI XEROX CO., LTD. 17-22, AKASAKA 2-CHOME MINATO-KU, TOKYO 107-0052 JAPAN
	В.	Additional name(s) of conveying p	arty(ies) attached? Yes ⊠ No			
3.	A.	Nature of conveyance:			B.	Additional name(s) & address(es) attached?  ☐ Yes ☐ No
	$\boxtimes$	Assignment	1erger			
		Security Agreement C	Change of Name			
		Other				
	B.	Execution Date: (All) September 9	, 2003			
	В.	Patent Application No.(s)				Patent No.(s)
		Ad	ا Iditional numbers atta	hed?		Yes 🛛 No
5.		Address of party to whom correctioning document should be mailed:		ched?		Yes No Il number of applications and patents involved: 1
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5.	cone	ne and address of party to whom corrections document should be mailed:		6.	Tota	al number of applications and patents involved: 1
5.	Na	ne and address of party to whom corrections document should be mailed:		6.	A. B.	Total fee (37 CFR 3.41)\$\frac{40.00}{}\$ Enclosed (Check No. \frac{146206}{}{})
5.	Na	ne and address of party to whom correctioning document should be mailed:  me: James A. Oliff  dress: OLIFF & BERRIDGE, PLC P.O. Box 19928		7.	A. B.	Total fee (37 CFR 3.41)\$\frac{40.00}{}\$  Enclosed (Check No. \frac{146206}{}\$)  dit any overpayment or charge any underpayment to
<ol> <li>5.</li> <li>9.</li> </ol>	Na Ad	ne and address of party to whom correctioning document should be mailed:  me: James A. Oliff  dress: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320	espondence	<ul><li>6.</li><li>7.</li><li>8.</li></ul>	A. B. Crece	Total fee (37 CFR 3.41)\$ 40.00  Enclosed (Check No. 146206)  dit any overpayment or charge any underpayment to esit account number 15-0461.
	Na Add	ne and address of party to whom correctioning document should be mailed:  me: James A. Oliff  dress: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320	espondence	<ul><li>6.</li><li>7.</li><li>8.</li></ul>	A. B. Crece	Total fee (37 CFR 3.41)\$\frac{40.00}{}\$  Enclosed (Check No. \frac{146206}{}\$)  dit any overpayment or charge any underpayment to

**PATENT** 

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ASSIGNMENT	A	SSI	GN	MI	$\mathbf{r}\mathbf{N}\mathbf{T}$
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to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer at over to  (9) Insert Name of Assignee (9) FUJI XEROX CO., LTD.  (10) Insert Address of Assignee (10) 17-22, Akasaka 2-chome, Minato-ku, Tokyo 107-0052, Japan (hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representations.			(1)	Katsunori Kawano	(5)	Norie Matsui		
of Inventor(s)  (3) Taisuya Marruyama  (4) Shin Yasuda  (5) In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer a over to cach of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer a over to the state of the undersigned agrees to assign, and hereby does assign, transfer a over to the state of the undersigned agrees to assign, and hereby does assign, transfer a over to the state of Assignee  (10) Insert Name of Assignee  (11) Insert Identification the emits right, tille and interest for the United States of America as defined in 35 U.S.C. \$100, in divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and rezamination certificates that may be granted on the invention known as mere application Number (11) OPTICAL RECORDING APPARATUS AND OPTICAL RECORDING APPARATUS AND OPTICAL RECORDING APPARATUS AND OPTICAL RECORDING APPARATUS (Attorney Docket No. for which the undersigned has thave) executed an application for patent in the United States of A on even date therewish of Signing of (12) on September 9, 2003  (Attorney Docket No. for which the undersigned has thave) executed an application and any continuing, divisional or reissue applications for the invention, and any patents of the Assignee may deem necessary.  (13) Alternative (13) U.S. application Serial Number Identification for filed applications of the invention, and any patents as the Assignee may deem necessary.  (2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concern any applications of the International Convention of any patent or reissue application based thereon, of the invention, and one operate the Assignee in every way possible in obtaining evidence and going forward with such interference.  (3) Each undersigned benefit of vision thereof, or any patent or rei	(1-8)		(2)	Jiro Minabe	(6)	Tsutomu Ishii		
The consideration of the sum of one dollar (\$1.00) and other good and valuable consideration over to creech of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer a over to creech of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer a over to creech of the undersigned. (9) FUJI XEROX CO., LTD.  17-22, Akasaka 2-chome, Minato-ku, Tokyo 107-0052, Japan  (10) Insert Basispher (10) 17-22, Akasaka 2-chome, Minato-ku, Tokyo 107-0052, Japan  (11) Insert Identification, and in all applications for patient including any and all provisional, divisional, continuation, substitute, and reissue application(s), and all return home reissue and rexamination certificates that may be granted on the invention, and in all applications for patient including any and all provisional, divisional, continuation, substitute, and reissue application on the invention, and resumment of the substitute of the control			(3)	Tatsuya Maruyama	(7)	Kazuhiro Hama		
to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer a over to over the over to ove			(4)	Shin Yasuda	(8)			
(10)    Assignee				In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to				
(10) Insert Address of Assignee  (10) I7-22, Akasaka 2-chome, Minato-ku, Tokyo 107-0052, Japan  (hereinafter designated as the Assignees) and Assignee's heir, successors, assigne and lapal represents the entire right, tide and interest for the United States of Anorica as defined in 38 U.S.C. (\$100), invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as ritle, Case Number, or Ferreign Application Number  (11) Insert Identification such as Title, Case Number, or Ferreign Application Number  (Attorney Docket No. for which the undersigned has (have) executed an application for patent in the United States of A on even date herewith or  (12) Insert Date of Signing of (12) on September 9, 2003  (13) Alternative (13) U.S. application Serial Number Identifications filed  (14) Letter Patent (14) Insert Date of Signing of (12) on September 9, 2003  (15) Alternative (13) U.S. application Serial Number Identification for filed applications and papers are essay in connection with any application and papers and papers are essay and papers are essay in connection with any application and papers are essay application and papers are essay of the invention, and any patentify its using electron, and also to execute separate assignments in connection with such applications and patents as the Assignee any deem necessary.  (2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concern any application or ordination or division thereoff, or any patent or reissue application based thereon, for the invention, and to cooperate the Assignee in every way possible in obtaining evidence and going forward with such interference.  (3) Each undersigned agrees to execute all papers and documents and perform any act which may be declared concern any applicat	(9)		(9)	_FUJI XEROX CO., LT	D.			
(hereinafter designated as the Assignce) and Assigne's heirs, successors, assigns and legal representative entire right, tide and interest for the United States of America as defined in 35 U.S.C. \$100.) invention, and in all applications for patent including any and all provisional, anon-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination extificates that may be granted on the invention known as reissue and rectamination certificates that may be granted on the invention known as a Title, Case Number, or Foreign Application Number  (Attorney Docket No. For which the undersigned has (have) executed an application for patent in the United States of A on even date herewith or one wen date herewith or one wen date herewith or filed applications for filed applications for filed applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with any applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with any applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with any applications or the invention or division thereof, or any patent or reissue applications or continuation or division thereof, or any patent or reissue application with any interference which may be declared concern any applications of the international Converted all papers and documents and perform any act which may be declared concern any applications of the division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate the Assignee in extra and part of a valid United States to execute all papers and documents and perform any act which may be necessary in connection with any interference which may be declared concern any applications of the luterisational Converted and Counters and Counters and Counters and Counters and Counte	(10)		(10)			, Tokyo 107-0052, Japan		
Identification such as Title, Case Number, or Foreign Application Number    RECORDING/REPRODUCING APPARATUS				(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as				
Number, or Foreign Application Number Application Number Application Number Application Number Application For which the undersigned has (have) executed an application for patent in the United States of A on even date herewith or  (12) Insert Date of Signing of Application Application Application Application  (13) Alternative Identification for filed applications filed  1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with suc applications and patents as the Assignee may deem necessary.  2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concern any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate the Assignee in every way possible in obtaining evidence and going forward with such interference.  3) Each undersigned agrees to execute all papers necessary in connection with any interference which may be necessary in connection with any interference which may be necessary in connection with a Assignee in every way possible in obtaining evidence and going forward with such interference.  3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.  4) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with such assignment and any continuing of the inversion of protection of the street and perform any act which may be necessary in connection with any interference which may be necessary or obtain, maintain or confirm by reissue or recamination or agrent of a vail United States patent to the Assignee.  5) Each undersigned	(/		()	\	•			
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).  Date September 9, 2003 Inventor Signature	the As claims reexan from s herein bindin identif	plication or continuation or divisignee in every way possible in 3) Each undersigned agrees or provisions of the Internation 4) Each undersigned agrees nination a grant of a valid Unite 5) Each undersigned authoriaid application(s) to the said Alassigned, and that he has not e g on him and his heirs, success 6) Each undersigned hereby fication that may be necessary or	vision the obtaining to execute to perform to perform to perform to get and states and ssignee, executed, ors, assignents the obtaining the performance of the perfor	ereof, or any patent or reissue ap- ng evidence and going forward value all papers and documents and ention for Protection of Industri rm all affirmative acts which ma patent to the Assignee. requests the Director of Patents as Assignee of the entire interes and will not execute, any agreer gns and legal representatives. the firm of OLIFF & BERRIDGE,	plication based the vith such interfered perform any actival Property or similarly be necessary to to issue any and a to and covenants the nents in conflict here.	ereon, for the invention, and to cooperate with nce. which may be necessary in connection with ilar agreements. obtain, maintain or confirm by reissue or Il Letters Patents of the United States resulting nat he has full right to convey the entire interest erewith, and agrees that this assignment is		
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This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S. neither, then it should be signed before at least two witnesses who also sign here:	neither,	This assignment should prefer then it should be signed before	rably be at least	signed before: (a) a Notary Publ two witnesses who also sign her	ic if within the U.	S.A. (b) a U.S. Consul if outside the U.S.A. If		
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**RECORDED: 09/12/2003** 

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