Ass Dir	ector and T	p: ents Recordation Services RECORDATION FOI of the U.S. Patent PATENT Trademark Office x 1450	
Ale	xand	ria, VA 22313-1450	Attorney Docket No. 115032
		cord the attached document.  The stracked document is a strack to the st	ocument: 2
1.	A.	Name of conveying parties: Akira HIROSE Tadao MICHIMURA Tadahiko IKEGAYA Keiko SHIRAISHI  Additional name(s) of conveying party(ies) attached?  □ Yes ☑ No	2. A. Name and address of receiving party: FUJI XEROX CO., LTD. 17-22, AKASAKA 2-CHOME, MINATO-KU, TOKYO, JAPAN
3.	Α.	Nature of conveyance:	B. Additional name(s) & address(es) attached?  ☐ Yes ☑ No
	⊠ □ □ B.	Assignment	Lifes Zino
4.	Α.	If this document is being filed together with a new ap	plication, the execution date of the application is:
	В.	Patent Application No.(s) 10/414,210	C. Patent No.(s)
		Additional numbers a	ttached? 🔲 Yes 🖾 No
5.		ne and address of party to whom correspondence terning document should be mailed:	6. Total number of applications and patents involved: 1
	Na	me: James A. Oliff	7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.
	Ad	dress: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320 Phone Number: 703-836-6400 Fax Number: 703-836-2787	Credit any overpayment or charge any underpayment to deposit account number 15-0461.
9.	To to	ement and signature.  the best of my knowledge and belief, the foregoing information of the foregoing information	mation is true and correct and any attached copy is a true copy of  Date: August 1, 2003

**PATENT** 

**RECORDED: 08/01/2003** 

			ASSIGNMEN'	T					
		(1)	Akira Hirose	(5)					
(1-8)	Insert Name(s) of Inventor(s)	(2)	Tadao Michimura	(6)	<u> </u>				
		(3)	Tadahiko Ikegay	ra (7)		<u> </u>			
		(4)	<u>Keiko Shiraishi</u>						
		to eac	In consideration of the sum of one of h of the undersigned, each undersigned	dollar (\$1.00) and oth ned agrees to assign,	er good and valuable and hereby does ass	e consideration paid ign, transfer and set			
(9)	Insert Name of Assignee Insert Address of Assignee	(9)	FUJI XEROX CO., LTD.			<u> </u>			
(10)		(10)	17-22, Akasaka 2-chome, M	1inato-ku, Tokyo	, Japan				
(11)	Insert Identification	the en invent division reissu (11)	nafter designated as the Assignee) are tire right, title and interest for the Ution, and in all applications for paterional, continuation, substitute, and rees and reexamination certificates tha LINKING INFORMATI	nited States of Ameri at including any and a dissue application(s), at may be granted on	ca as defined in 35 all provisional, non- and all Letters Pater the invention known	U.S.C. §100, in the provisional, it, extensions, ias			
	such as Title, Case Number, or Foreign		RECORDING MEDIUM	<del></del>		<u> </u>			
	Application Number					)			
			nich the undersigned has (have) exected the date herewith or	uted an application f	or patent in the Unit	ed States of America			
(12)	Insert Date of Signing of Application	(12)	on <u>June 16, 2003</u>						
(13)	Alternative	(13)	U.S. application Serial Number	10/414,210		<u> </u>			
	Identification for filed applications	filed	April 16, 2003						
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 such applications and patents as the Assignee may deem necessary.  2) Each undersigned agrees to execute all papers necessary in connection with any interference any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with 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 necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.  4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.  5) Each undersigned authorizes and requests the Director of Patents to issue any and all Letters patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.  6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that 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.									
		-	e undersigned on the date(s) oppos	A 1.	name(s).				
Date	June 16, 2003			OHim L	LIVOSE	(SEAL)			
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Date	,		Inventor Signature			(SEAL)			
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.A. If neither, then it should be signed before at least two witnesses who also sign here:									
Date	June 16, 2003		Witness	Junho	- Bashi.				
Date					4				
					1				

PATENT REEL: 013846 FRAME: 0423