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Alexandria, VA 22313-1450 Attorney Docket No. 103284800 Please record the attached original document or copy thereof. 2. A. Name and address of receiving party: Name of conveying parties: FUJI XEROX CO., LTD. Makoto FURUKI Katsunori KAWANO 17-22, AKASAKA 2-CHOME Shin YASUDA MINATO-KU, TOKYO Jiro MINABE **JAPAN** Koichi HAGA Yasuhiro OGASAWARA Kazuhiro HAYASHI Hisae YOSHIZAWA Additional name(s) of conveying party(ies) attached? ☐ Yes 🛛 No Nature of conveyance: Additional name(s) & address(es) attached? ☐Yes 🛛 No Assignment ☐ Merger Security Agreement ☐ Change of Name Other\_ Execution Date: All - July 14, 2006  $\boxtimes$ This document is being filed together with a new application. Patent Application No.(s) B. Patent No.(s) \_\_\_\_\_ C. Title of Application: HOLOGRAM RECORDING METHOD, HOLOGRAM RECORDING DEVICE, HOLOGRAM PLAYBACK METHOD, AND OPTICAL RECORDING MEDIUM Name and address of party to whom correspondence Total number of applications and patents involved: 1 concerning document should be mailed: Name: James A. Oliff Total fee (37 CFR 3.41).....\$\,\\_40.00 08/01/2006 DBYRNE 00000195 11493611 Enclosed (Check No. 182498) Address: OLIFF & BERRIDGE. Credit any overpayment or charge any underpayment to P.O. Box 19928 deposit account number 15-0461. Alexandria, VA 22320

9.	Statement and signature.		
	To the best of my knowledge and belief, the foregoing informa	tion is true and correct and any attached copy is a true copy	0
	the original dogument.		٠.
	W1/M	Date: <u>July 27, 2006</u>	
	James A. Oliff Registration No. 27,075		
	Joel . Armstrong Registration No. 36,430		
		luding cover sheet, attachments, and document: 3	

## **Assignment**

Whereas, I/We, Makoto Furuki, Katsunori Kawano, Shin Yasuda, Jiro Minabe, Koichi Haga, Yasuhiro Ogasawara, Kazuhiro Hayashi and Hisae Yoshizawa of Kanagawa, Japan

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

HOLOGRAM RECORDING METHOD, HOLOGRAM RECORDING DEVICE, HOLOGRAM PLAYBACK METHOD, AND OPTICAL RECORDING MEDIUM

and executed an application for Letters Patent of the United States of America therefor on

July 14, 2006

; and

Whereas,

FUJI XEROX CO., LTD. of

17-22, Akasaka 2-chome, Minato-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, and all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, 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 our attorneys FILDES & OUTLAND, P.C. of 20916 Mack Avenue, Suite 2, Grosse Pointe Woods, Michigan 48236 to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date:	July 14,	2006	Makoto Fumki
Date:	July 14,	s/ 2006	Latsunori Lawano
Date:	July 14,	s/ 2006	Shin Yasada
Date:	July 14,	s/ 2006	Alin Jasada Jer muche
Date:	July 14,		Koichi Haga
		s/	

PATENT REEL: 018098 FRAME: 0590

## **OLIFF & BERRIDGE, PLC**

Date:	July 14, 2006	Gasuhiro Ogasawara
	s/	
Date:	July 14, 2006	Kazuhiro Kayashi
	s/	
Date:	July 14, 2006	Hosae Tynkige
	s/	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261) 8/92

PATENT REEL: 018098 FRAME: 0591

# **Assignment**

Whereas, I/We, Makoto Furuki, Katsunori Kawano, Shin Yasuda, Jiro Minabe, Koichi Haga, Yasuhiro Ogasawara, Kazuhiro Hayashi and Hisae Yoshizawa of Kanagawa, Japan

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

HOLOGRAM RECORDING METHOD, HOLOGRAM RECORDING DEVICE, HOLOGRAM PLAYBACK METHOD, AND OPTICAL RECORDING MEDIUM

and executed an application for Letters Patent of the United States of America therefor on

July 14, 2006

; and

Whereas,

FUJI XEROX CO., LTD. of

17-22, Akasaka 2-chome, Minato-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, and all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, 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 our attorneys FILDES & OUTLAND, P.C. of 20916 Mack Avenue, Suite 2, Grosse Pointe Woods, Michigan 48236 to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date:	July 14, 2006	Makoto Furuki
Date:	s/ July 14, 2006	tetsunori tavano
Date:	s/ July 14, 2006	0.0
Date:	s/ 	Shin Yasada. Jur muche
Date:	s/ July 14, 2006	Koichi Haga
	s/	

PATENT REEL: 018098 FRAME: 0592

### **OLIFF & BERRIDGE, PLC**

Date:	July 14, 2006	Yasuhiro Gasawasa
	s/	
Date:	July 14, 2006	Kazuhiro Kayashi
	s/	
Date:	July 14, 2006	Mare July
	s/	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261) 8/92

PATENT REEL: 018098 FRAME: 0593

**RECORDED: 07/27/2006**