10-07-2003

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original assignment of 1. Name of Party(jes) conveying an interest: David J. Lieberman Gamma	To the Honorable Commissioner of Patents and Trademarks: Please record the attached original assignment of Name of Party(ies) conveying an interest: David J. Lieberman Cabibar Cabi		PA IIII III II		=	D/A317	S. DEPARTMENT OF (Patent and Trad
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original assignment do 1. Name of Party(jes) conveying an interest: David J. Lieberman 9.26.03 Xerox Corporation 800 Long Ridge Road P.O. Box 1600 Stamford Connecticut 06904-1600 Additional name(s) of conveying party(ies) attached? 3. Nature of Conveyance: Security Agreement Change of Name Other Execution Date: 09/26/2003 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: September 26, 2003 Additional numbers attached? Yes No 6. Total number of applications and patents involved = 1 7. Total Fee (37 CFR 3.41): \$ 40.00 Enclosed Authorized to be charged to Deposit Account 8. Deposit Account Number: 24-0025 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy true copy of the original document. Name of Person Signing Philip T. Virga Date 09/26/2003 Total number of pages comprising cover sheet 1	To the Honorable Commissioner of Patents and Trademarks: Please record the attached original assignment of David J. Lieberman Carrier Carrier			2568			
Additional name(s) of conveying party(ies) attached? Additional name(s) of conveying party(ies) Additional name(s) and address(es) attached? Yes Additional numbers attached? Additional numbers attached? Yes No 5. Name and Address of party to whom correspondence concerning document should be mailed: Patent Documentation Center Xerox Corporation 100 Clinton Avenue South Xerox Square 20th Floor Rochester, NY 14644 B. Deposit Account Number: 24-0025 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy true copy of the original document. Name of Person Signing Philip T. Virga Date 09/26/2003 Total number of pages comprising cover sheet 1	Additional name(s) of conveying party(ies) Yes No Not use of Party to whom correspondence concerning document should be mailed: Patent Documentation Center Xerox Corporation No.(s) Additional numbers attached? Yes No No.(s) Additional numbers attached? Yes No No.(s) Additional numbers attached? Yes No No.(s) Note and Address of party to whom correspondence concerning document should be mailed: Patent Documentation Center Xerox Corporation 100 Clinton Avenue South Xerox Square 20th Floor Rochester, NY 14644 No. Note and Signing Philip T. Virga Date 09/26/2003 Total number of pages comprising cover sheet 1 No. Note and correct and any attached cognitive copy of the original document. Name of Person Signing Philip T. Virga Date 09/26/2003 Total number of pages comprising cover sheet 1 Total number of pages comprisi	То				ched origin	nal assignment do
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PATENT REEL: 014551 FRAME: 0648

ASSIGNMENT

Attorney Docket No.: D/A3172

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled HALFTONE DOT ENCODING (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"),

which Application:

☑ is being executed concurrently herewith,			
was first executed on			
was filed on as Application Number / .			
claims the benefit of U.S. Provisional Application(s) No(s).	1	filed	

Xerox Corporation, a New York Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("Xerox"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to Xerox the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

- (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to Xerox;
- (2) agree that Xerox may apply for and receive all foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by Xerox; and
- (4) authorize Xerox to subsequently enter the Application Number on this Assignment, if not already entered above.

David J. Lieberman

Date 9/26/03

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