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U.S. DEPARTMENT OF COMMERCE



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Tot	he Honorable Commissioner of Patents and T	rademarks	: Please record the attached or	riginal assignment document.			
1.	 Name of Party(ies) conveying an inter Linda T. Romano David K. Biegelsen 		2. Name and Address of Xerox Corporation	· · · · · ·			
			800 Long Ridge Roa P.O. Box 1600 Stamford Connecticut 06904-1600	ad .			
attac	Additional name(s) of conveying party(ies) attached? Yes No		Additional name(s) and address(es) attached? Yes No				
3.	Nature of Conveyance: ASSIGNMENT Execution Date: 11/29/01						
4.	Application number(s) or patent num If this document is being filed together with a		cation, the execution date of the	e application is:			
	November 29, 2001						
	A. Patent Application No.(s) B. Patent No.(s) O 4 (9983)						
	Additional numbers attached? Yes No						
5.	Name and Address of party to whom correspondence concerning document should be mailed:	6. Total	6. Total number of applications and patents involved = 1				
	Patent Documentation Center Xerox Corporation	7. Total Fee (37 CFR 3.41): \$ 40.00 Enclosed Authorized to be charged to Deposit Account					
	100 Clinton Avenue South Xerox Square 20th Floor Rochester, NY 14644						
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	8. Dep	posit Account Number: 24-0025				
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9.	Statement and signature. 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.						
	Name of Person Signing Kent M. Chen	Sign	fWT ature				
	Date November 29, 2001	Tota	I number of pages comprising cover shee	et 1 Rev 01/2001			

40.00 CH 01 FC:581

<u>ASSIGNMENT</u>

Attorney Docket No.: D/205770

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled IMPROVED FIELD EMISSION DISPLAY DEVICE (the "Application") for inventions disclosed of claimed therein (the "Invention(s)"),

which Application:

☑ is being executed	concurrently herewith,
was first executed	lon
was filed on	as Application Number

was filed on as Application Number / . □ claims the benefit of U.S. Provisional Application(s) No(s).

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 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 destrable in connection therewith requested by Xerox; and
- (4) authorize Xerox to subsequently enter the Application Number on this Assignment, if not alread entered above.

Linda T. Romano

Date 11/29/01

PATENT

REEL: 012338 FRAME: 0821

<u>ASSIGNMENT</u>

Attorney Docket No.: D/A0577Q1

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled IMPROVED FIELD EMISSION DISPLAY DEVICE (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	

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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

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

PATENT REEL: 012338 FRAME: 0822