R SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

102632	2577 Jocket Number D/A3602				
To the Honorable Commissioner of Patents and	Trademarks: Please record the attached original assignment document.				
Name of Party(ies) conveying an ir William S. Wong Jeng Ping Lu Alberto Salleo Michael L. Chabinyc Raj B. Apte Robert A. Street	nterest:  2. Name and Address of receiving Party(ies):  Palo Alto Research Center, Inc. 3333 Coyote Hill Road Palo Alto California 94304				
Additional name(s) of conveying party(ies)attached?	s No Additional name(s) and address(es)attached? Yes No				
3. Nature of Conveyance:  ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Na ☐ Other	Execution Date(s): December 12, 2003				
	mber(s): a new application, the execution date of the application is: nber 12, 2003				
A. Patent Application No.(s)  B. Patent No.(s)					
10734429	Additional numbers attached?  Yes  No				
<ol><li>Name and Address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved = 1				
Patent Documentation Center Xerox Corporation 100 Clinton Avenue South Xerox Square 20th Floor Rochester, NY 14644	7. Total Fee (37 CFR 3.41): \$ 40.00  Enclosed  Authorized to be charged to Deposit Account				
	8. Deposit Account Number: 24-0025				
	NOT USE THIS SPACE				
<ol> <li>Statement and signature.         To the best of my knowledge and belief, the true copy of the original document.     </li> <li>Name of Person Signing</li> <li>Kent M. Chen</li> </ol>	e foregoing information is true and correct and any attached copy is a  Signature				
Date December 12, 2003	Total number of pages comprising cover sheet 1  Rev 09/2003				
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## **ASSIGNMENT**

Attorney Docket No.: D/A3602

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled THIN FILM TRANSISTOR ARRAY WITH RING GEOMETRY (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"),

which Application:

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is being executed	d concurrently herewith,						
was first execute	ed on						
was filed on	as Application Number	1					
claims the benef	it of U.S. Provisional Applicat	ion(s) l	Vo(s).	_	1	filed	

Palo Alto Research Center, Incorporated, a Delaware Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("PARC"), 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 PARC 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 PARC;
- (2) agree that PARC 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 PARC; and
- (4) authorize PARC to subsequently enter the Application Number on this Assignment, if not already entered above.

Willa & Work	
William S. Wong	Date 12/12/03
	Date 12/10/3
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PATENT REEL: 014811 FRAME: 0988