Mail Stop: Assignments Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	10-08-2004	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
	102855301	Attorney Docket No. <u>120855</u> 00 N
Plea	ase record the attached original documents or c	
1. A. Name of conveying parties:	2. A. Name and add	tress of receiving party:
Jurgen H. DANIEL Lars-Erik SWARTZ		ESEARCH CENTER INCORPORATED 3333 Coyote Hill Road Palo Alto, California 94304
 B. Additional name(s) of conveyi attached? ☐ Yes ⊠ No 	ing party(ies)	
3. A. Nature of conveyance:	1	me(s) & address(es) attached?
Assignment	Merger	Yes No
Security Agreement	Change of Name	
Other		
B. Execution Date: All) Septembe		
B. Execution Date. <u>Any September</u>	109542	0)
4. \square This document is being filed t	-	
B. Patent Application No.(s)	C. Patent No.(s	s)
	D. Additional numbers attached? Yes	No No
C. Title of Application: SYSTEM	MS AND METHODS FOR ALIGNING WA	FERS OR SUBSTRATES
 Name and address of party to whor concerning document should be m 		applications and patents involved:
James A. Oliff	7. Total fee (37 CF	FR 3.41)\$ <u>40.00</u>
OLIFF & BERRIDGE, P P.O. Box 19928	PLC Charge to Depos	sit Account No. 24-0037
Alexandria, VA 223	A duplicate copy	y of this page is attached.
	8. Credit any overp account number	payment or charge any underpayment to deposit 24-0037.
9. Statement and signature. To the best of my knowledge and be original document.	lief, the foregoing information is true and corr	rect and any attached copy is a true copy of the
James A. (1997 Registration No. 27 (Joel S. Armstrong Registration No.)	075	ate: October 1, 2004
ECOOPER 00000113 240037 10954201		Total number of pages: 2
40.00 DA		

PATENT REEL: 015860 FRAME: 0231

ASSIGNMENT

Xerox Docket No.: 20040056-US-NP

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled <u>SYSTEMS AND METHODS FOR ALIGNING WAFERS OR SUBSTRATES</u> (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

- x 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).

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.

Inventor Na Jurgen H. Da Inventor N 111. Lars-Erik Swartz

Date

Inventor Name (Inventor's Name)

RECORDED: 10/01/2004