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U.S. DEPARTMENT OF COMMERC 102904358 PATENTS ONLY 030087-US-NP (XERZ 00856) To the Director of the U.S. Patent and Trademark Office: Please record the attached original assignment document. 1. Name of all Party(ies) conveying an 2. Name and Address of receiving Party(ies): interest/Execution Date(s): Palo Alto Research Center Incorporated 1. Gregory P. Schmitz Michael B. Heaney 3333 Coyote Hill Road Palo Alto, California 94304 4. 5. Assignment Execution Date(s): 1. December 17, 2004 2. December 17, 2004 Additional name(s) of conveying party(les)attached? Nature of Conveyance: Title: BISYMMETRICAL ELECTRIC PAPER AND A Assignment SYSTEM THEREFOR Merger Security Agreement Change of Name Other 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date(s) of the application is/are: 1. December 17, 2004 December 17, 2004 5. 6. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes 5. Name and Address of party to whom 6. Total number of applications and patents involved = 1 correspondence concerning document should be mailed: Joseph D. Dreher 7. Total Fee (37 CFR 3.41): \$ 40.00 FAY, SHARPE, FAGAN, Enclosed MINNICH & McKEE, LLP Authorized to be charged to Deposit Account 1100 Superior Avenue - 7th Floor Cleveland, OH 44114-2579 (216) 861-5582 CUSTOMER NUMBER: 027885 8. Deposit Account Number: 24-0037 DO NOT USE THIS SPACE 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: Joseph D. Dreher Rev 09/2003 01/04/2005 STDH11 00000150 240037 11017361 40.00 DA Certificate of Mailing

Olider 57 C.1.1c. § 1.0,	i cestify that this receo	idation i offit cover show	or and accompanying do	current(s) are being
deposited with	the United States Post	al Service as First Class	mail addressed to: Ma	il Ston Assignment R

- ecordation Services. Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.
- facsimile transmitted to Assignment Recordation Services, Director of the USPTO, at (703) 306-5995, on the date indicated below.
- deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated below and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Express Mail Dabel No. Roseanne Giuliani

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ASSIGNMENT

Attorney Docket No.: 20030087-US-NP

XERZ 2 00856

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled BISYMMETRICAL ELECTRIC PAPER AND A SYSTEM THEREFOR (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).	/	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.

Date 17/17/04

RECORDED: 12/20/2004

Michael B. Heaney

ate 17 Dec. 2004

PATENT REEL: 016113 FRAME: 0309