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SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Number D/A2559Q1

9.16.03

22278 U.S. PTO
10/664352
09/16/03

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original assignment document.

1. Name of Party(ies) conveying an interest:

Steven A. Buhler
Karl A. Littau
John S. Fitch

2. Name and Address of receiving Party(ies):

Palo Alto Research Center, Inc.
3333 Coyote Hill Rd.
Palo Alto, CA 94304Additional name(s) of conveying party(ies)
attached? ☐ Yes ☒ NoAdditional name(s) and address(es)
attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 9/15/03

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:

9/15/03

A. Patent Application No.(s)

B. Patent No.(s)

10/664352

Additional numbers attached? ☐ Yes ☒ No5. 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

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

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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
Nola Mae McBain

Signature

Date 9/16/03

Total number of pages comprising cover sheet 1

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ASSIGNMENT

Attorney Docket No.: D/A2559Q1

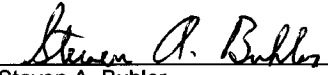
The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **PIEZOELECTRIC TRANSDUCERS AND METHODS OF MANUFACTURE** (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

- ☒ 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). **60/433,512, 60/433,510, 60/433,515** filed **12/13/02**.

Palo Alto Research Center, 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.


Steven A. Buhler

Date 9/15/03


Karl A. Littau

Date 9/15/03


John S. Fitch

Date Sept 15 2003