| FORM PTO-1595 (Rev. 6-93) | U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office | |
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| To the Honorable Asst. Commissioner for Page 180 | 7311 | |
| l 🦠 💥 🕺 | 2. Name and address of receiving party(ies): | |
| 1. Name of conveying party (ies): 1. Name of conveying party (ies): 1. Tammy Burd Mehta and Anne R. Kopf-Sill | 2. Name and address of fecerving partyfies). | |
| Tammy build Menta and Anne N. Ropi-Sin | Name: Caliper Technologies Corporation | |
| Additional name(s) of conveying party(ies) attached? Yes X No | Internal Address: | |
| 9498 | Street Address: 1275 California Avenue | |
| 3. Nature of conveyance: | City: Palo Alto State: California ZIP: 94304 | |
| Other: | | |
| Execution Date: 7/21/98 and 7/21/98 | | |
| Extension Parsi 1/21/20 and 1/21/20 | Additional name(s) & address(es) attached? Yes x No | |
| 4. Application number(s) or patent number(s). | | |
| If this document is being filed together with a new applica | tion, the execution date of the application is: | |
| | | |
| A. Patent Application No.(s) 09/093,832 | B. Patent No.(s) | |
| Additional numbers attached? Yes X No | | |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 | |
| Name: Jonathan A. Quine TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 (415) 576-0200 | 7. Total fee (37 CFR 3.41): | |
| 9/1996 JSHGBAZZ 00000037 201430 09093832 | 00.4400 | |
| C:581 40.00 CH | 8. Deposit account number: 20-1430 | |
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| 9. Statement and signature. | | |
| To the best of my knowledge and belief, the foregoing into of the original document. | formation is true and correct and any attached copy is a true copy | |
| Jonathan A. Quine Jonath | September 1, 1998 | |
| Name of Person Signing Signature | Date | |
| Atty. Reg. No. 41,261 Total number of | pages including cover sheet, attachments, and document: 2 | |
| 10. Change Correspondence Address to that of Part 5? X Yes No | | |
| OMB No. 0651-0011 (exp. 4/94) | | |
| Mail documents to be recorded with required cover sheet information to: Asst. Comm Box | etach this portion nissioner for Patents Assignments for, D.C. 20231 | |

PATENT REEL: 9492 FRAME: 0456

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS Tammy Burd Mehta of 1856 Deep Creek Ct., San Jose, CA 95148 and Anne R. Kopf-Sill of 30 Minoca Road, Portola Valley, CA 94028, hereinafter referred to as "Assignor(s)," is/are the inventor(s) of the invention described and set forth in the below identified application for a United States Letters Patent:

| Title of the Inventi | Microfluidic Matrix Localization Apparatus and Methods | |
|----------------------|--|--|
| Filing Date: | June 8, 1998 | |
| Serial No.: | 09/093,832 ; and | |

WHEREAS, CALIPER TECHNOLOGIES CORPORATION, a DELAWARE corporation located at 1275 California Avenue, Palo Alto, California, 94304, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor(s), Assignor(s) has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries of the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor(s) had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation, in-whole or in-part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor(s) further agree(s) that Assignor(s) will without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patents and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor(s) has signed his or her name on the date

indicated.

Date: July 21, 1998

Date: July 21, 1998

Tammy Burd Mehta

Anne R. Kopf-Siff

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RECORDED: 09/04/1998

PATENT REEL: 9492 FRAME: 0457