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OMB No. 0651-0027 (exp. 5/31/2002)

102493478

T

U.S. Department of Commerce
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Ring-Ling Chien, J.Wallace Parce, Michael Spaid

Additional name(s) of conveying parties attached? No

2. Name and address of receiving party(ies)

Name: **Caliper Technologies Corp.**

Internal Address:

Street Address:

**605 Fairchild Drive
Mountain View, CA 94043-2234**

Additional names and addresses attached? No

3. Nature of conveyance:

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

Execution Date: June 4, 2003

4. Application Number(s) or Patent Numbers.

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s): 10/386,900, filed March 4, 2003 Patent No(s):

Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name:

**Andrew L. Filler, Esq.
Caliper Technologies Corp.
605 Fairchild Drive
Mountain View, CA 94043-2234**

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41):\$40.00

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*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.***Andrew L. Filler**
Name of Person Signing

Signature

Date

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**PATENT
REEL: 014240 FRAME: 0438**

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS **Ring-Ling Chien** of **6428 Edgemoor Way, San Jose, CA 95129**, **J. Wallace Parce** of **754 Los Robles Avenue, Palo Alto, CA 94306** and **Michael Spaid** of **514 Bush St., Mountain View, CA 94041**, 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 Invention: **Mixed Mode Microfluidic Systems**

Filing Date: **March 4, 2003**

Serial No.: **10/386,900**; and

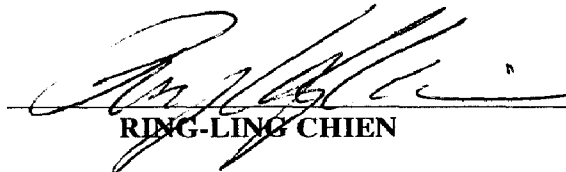
WHEREAS, CALIPER TECHNOLOGIES CORP., a DELAWARE corporation located at 605 Fairchild Drive, Mountain View, CA 94043, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

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: *May 27, 2003*


RING-LING CHIEN

Date: _____

J. WALLACE PARCE

Date: _____

MICHAEL SPAID

ASSIGNMENT OF PATENT APPLICATION

JOINT

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Title of the Invention: **Mixed Mode Microfluidic Systems**

Filing Date: **March 4, 2003**

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

Date: _____

RING-LING CHIEN

Date: 5/14/03


J. WALLACE PARCE

Date: _____

MICHAEL SPAID

ASSIGNMENT OF PATENT APPLICATION

JOINT

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

Date: _____

RING-LING CHIEN

Date: _____

J. WALLACE PARCE

Date: 6/4/03



MICHAEL SPAID