Attorney Docket No. 100/16011

FORM PTO-1595		T U.S. Department of Commerce		
(Rev. 03/01)	102493478	Patent and Trademark Office		
OMB No. 0651-0027 (exp. 5/31/2002) To the Honorable Asst. Commissioner for Patents.	Please record the attached	original documents or convithereof		
Name of conveying party(ies):		and address of receiving party(ies)		
Ring-Ling Chien, J.Wallace Parce, Mic	hael Spaid Name: C	Caliper Technologies Corp.		
Additional name(s) of conveying parties attached?	No Internal A	ddress:		
3. Nature of conveyance:	Street Ad	dress:		
⊠ Assignment Merger		irchild Drive		
Security Agreement Change of Nam	e	ain View, CA 94043-2234		
☐ Other:	Additional	I names and addresses attached? No		
Execution Date: June 4, 2003				
Application Number(s) or Patent Numbers.				
If this document is being filed together with a new ap	oplication, the execution da	te of the application is:		
A. Patent Application No(s): 10/386,900, filed March 4, 2003 Patent No(s):				
Additional numb	pers attached? No	5 =		
5. Name and address of party to whom correspond	ence 6. Total r	number of applications and patents involved 1		
concerning document should be mailed:				
Name: Andrew L. Filler, Esq. Caliper Technologies Corp. 605 Fairchild Drive	7. Total f	ee (37 CFR 3.41):\$40.00 sed		
Mountain View, CA 94043-2234		e any additional fees associated with this paper or during ency of this application, or credit any overpayment, to ecount.		
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I was a second				

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:

Mixed Mode Microfluidic Systems

Title of the Invention:

Filing Date:	March 4, 2003	
Serial No.:	10/386,900	; and
Drive, Mountain V	View, CA 94043, hereinafter refer	a DELAWARE corporation located at 605 Fairchild red to as "Assignee," is desirous of acquiring an Letters Patent and Registrations which may be granted
has assigned, and invention and app designs), and in arthe United States aby the Paris Convesuccessors and assignment no granted thereon, o	by these presents does assign to A lication and to all foreign counterpart to any Letters Patent and Regist and all countries of the world, and ention. The right, title and interest signs as fully and exclusively as it been made, for the full term of a	ch is hereby acknowledged by Assignor(s), Assignor(s) ssignee all right, title and interest in and to the parts (including patent, utility model, and industrial trations which may hereafter be granted on the same in to claim the priority from the application as provided to be held and enjoyed by Assignee and Assignee's would have been held and enjoyed by Assignor(s) had my Letters Patent and Registrations which may be nation, in-whole or in-part, substitution, conversion,
cooperate with As invention and any including patent a lawfully may requ	signee in the prosecution of U.S. I improvements, (b) execute, verify pplications and instruments of tranest to obtain or maintain Letters Page 1	thout charge to Assignee, but at Assignee's expense, (a) Patent applications and foreign counterparts on the c, acknowledge and deliver all such further papers, asfer and (c) perform such other acts as Assignee atents and Registrations for the invention and the thereto in Assignee or Assignee's successors and
	IN TESTIMONY WHEREOF, As	ssignor(s) has signed his or her name on the date
indicated.		
Date:	lay 27, 2003	RING-LING CHIEN
Date:		J. WALLACE PARCE
Date:		

PATENT REEL: 014240 FRAME: 0439

MICHAEL SPAID

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:

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has assigned, and be invention and applidesigns), and in anothe United States at by the Paris Convesuccessors and assist his assignment not granted thereon, or	by these presents does assign to cation and to all foreign count d to any Letters Patent and Rend all countries of the world, and antion. The right, title and integrs as fully and exclusively as been made, for the full term of	which is hereby acknowledged by Assignor(s), Assignor(s) of Assignee all right, title and interest in and to the terparts (including patent, utility model, and industrial gistrations which may hereafter be granted on the same in and to claim the priority from the application as provided trest is to be held and enjoyed by Assignee and Assignee's it would have been held and enjoyed by Assignor(s) had of any Letters Patent and Registrations which may be tinuation, in-whole or in-part, substitution, conversion,
cooperate with Ass invention and any i including patent ap lawfully may reque	ignee in the prosecution of U. mprovements, (b) execute, ver plications and instruments of test to obtain or maintain Letter	without charge to Assignee, but at Assignee's expense, (a) S. Patent applications and foreign counterparts on the rify, acknowledge and deliver all such further papers, transfer and (c) perform such other acts as Assignee is Patents and Registrations for the invention and set title thereto in Assignee or Assignee's successors and
I indicated.	N TESTIMONY WHEREOF	, Assignor(s) has signed his or her name on the date
Date:		RING-LING CHIEN
Date: <u>57</u>	14/03	J. WALLACE PARCE
Date:		MICHAEL SPAID

PATENT REEL: 014240 FRAME: 0440

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:

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Drive, Mountain View, C	A 94043, hereinafter referre	DELAWARE corporation located at 605 Fairchild d to as "Assignee," is desirous of acquiring an tters Patent and Registrations which may be granted
has assigned, and by these invention and application designs), and in and to an the United States and all of by the Paris Convention. successors and assigns as this assignment not been a	e presents does assign to Assi and to all foreign counterparty by Letters Patent and Registra countries of the world, and to The right, title and interest is fully and exclusively as it wo made, for the full term of any division, renewal, continuation	is hereby acknowledged by Assignor(s), Assignor(s) ignee all right, title and interest in and to the its (including patent, utility model, and industrial tions which may hereafter be granted on the same in claim the priority from the application as provided to be held and enjoyed by Assignee and Assignee's buld have been held and enjoyed by Assignor(s) had betters Patent and Registrations which may be ion, in-whole or in-part, substitution, conversion,
cooperate with Assignee invention and any improvincluding patent applicational lawfully may request to obtain	in the prosecution of U.S. Pat ements, (b) execute, verify, a ons and instruments of transfe btain or maintain Letters Pate	out charge to Assignee, but at Assignee's expense, (a) tent applications and foreign counterparts on the acknowledge and deliver all such further papers, er and (c) perform such other acts as Assignee ents and Registrations for the invention and thereto in Assignee or Assignee's successors and
IN TES indicated.	TIMONY WHEREOF, Assi	gnor(s) has signed his or her name on the date
Date:		RING-LING CHIEN
Date:		J. WALLACE PARCE
Date: $6/4/03$		MICHAEL SPAID

PATENT
RECORDED: 07/09/2003 REEL: 014240 FRAME: 0441