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ASSIC



SR SHEET

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To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

- 1. Name of conveying party(ies)
 - a) Steven J. Gallagher
 - b) J. Wallace Parce
- 2. Name and address of receiving party(ies):
 - a) Name: Caliper Technologies Corp.
 - b) Address: 605 Fairchild Drive
Mountain View, CA 94043

- 3. Nature of conveyance

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	<input type="checkbox"/> License Agreement

Execution Date: May 3, 2000

- 4. Application Number(s) or Patent Number(s): 09/491,691

The title of the (new) application is:

SOFTWARE FOR HIGH THROUGHPUT MICROFLUIDIC SYSTEMS

- 5. Please send all correspondence concerning this (these) documents to:

Customer No. 21912
Ritter, Van Pelt & Yi LLP
4906 El Camino Real, Suite 205
Los Altos, CA 94022
(650) 903-3500 (PH)
(650) 903-3501 (FX)

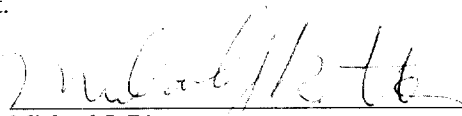
- 6. Total number of applications and patents involved: 1

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

- Enclosed
- Any deficiencies are hereby authorized to be charged to Deposit Account No. 50-0685 (Order No. CALPP003)

- 8. 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.

Date: May 10, 2000


 Michael J. Ritter
 Registration No. 36,653

05/31/2000 JSHABAZZ 00000110 09491691

01 FC:581

40.00 DP

Attorney Docket No. CALPP003

(Revised 01/96)

PATENT
REEL: 010813 FRAME: 0929

ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:


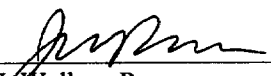
SOFTWARE FOR HIGH THROUGHPUT MICROFLUIDIC SYSTEMS

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on January 26, 2000 and which bears the Application No. 09/491,691.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Caliper Technologies Corp. a Delaware corporation having a place of business at 605 Fairchild Drive, Mountain View, CA 94043, (hereinafter referred to as ("ASSIGNEE")), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature:  Date: May 3, 2000
Typed Name: Steven J. Gallagher
- 2) Signature:  Date: 5/3/00
Typed Name: J. Wallace Parce

**DECLARATION AND POWER OF ATTORNEY
FOR ORIGINAL U.S. PATENT APPLICATION**

Attorney's Docket No. CALPP003

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: SOFTWARE FOR HIGH THROUGHPUT MICROFLUIDIC SYSTEMS, the specification of which,

- (check one)
1. is attached hereto.
 2. was filed on January 26, 2000 as
U.S. Application No. 09/491,691
and was amended on _____.
 3. was filed on _____ as
International PCT Application No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Benefits Claimed?

(Appl. No.) (Country) (Filing Date)

Yes No

(Appl. No.) (Country) (Filing Date)

Yes No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Prior Provisional Application(s)

(Application No.) (Filing Date)

(Application No.) (Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s)

_____	_____	_____
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
_____	_____	_____
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

And I hereby appoint **Michael J. Ritter (Reg. No. 36,653); Lee Van Pelt (Reg. No. 38,352); Susan C. Yi (Reg. No. 39,883); Dan H. Lang (Reg. No. 38,531); Cindy S. Kaplan (Reg. No. 40,043); William J. James (Reg. No. 40,661); Joanne Yoshimura (Reg. No. 45,247); Matthew B. Murphy (Reg. No. 39,787); Jonathan A. Quine (Reg. No. 41,261); William M. Smith (Reg. No. 30,223); and James M. Heslin (Reg. No. 29,571)** as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Please Direct all Correspondence To: Customer No. 21912
Ritter, Van Pelt & Yi LLP
4906 El Camino Real, Suite 205
Los Altos, CA 94022

Direct Telephone Calls To: Michael J. Ritter at telephone number (650) 903-3502

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of Sole or First Inventor: Steven J. Gallagher Citizenship: US

Inventor's signature: *S.J. Gallagher* Date of Signature: May 3, 2000

Residence: (City) Palo Alto (State/Country) CA/USA

Post Office Address: 2705 Bryant Street, Palo Alto, CA 94306

Full Name of Second Joint Inventor (if any): J. Wallace Parce Citizenship: US

Inventor's signature: *J. Wallace Parce* Date of Signature: 5/3/00

Residence: (City) Palo Alto (State/Country) CA/USA

Post Office Address: 754 Los Robles Avenue, Palo Alto, CA 94301 *W. Parce*

ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

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- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
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Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature: *S.J. Gallagher* Date: May 3, 2000
Typed Name: Steven J. Gallagher
- 2) Signature: *J. Wallace Parce* Date: 5/3/00
Typed Name: J. Wallace Parce