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09-23-99



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hed original documents or

1. Name of conveying party(ies):
Jon Faiz Kayyem and Cynthia Bamdad

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

3. Nature of Conveyance:
[X] Assignment [] Merger
[] Security Agreement [] Change of Name

Execution Date: 16 September 1999

2. Name and address of receiving party(ies):

Name: Clinical Micro Sensors, Inc.

Internal Address: _____

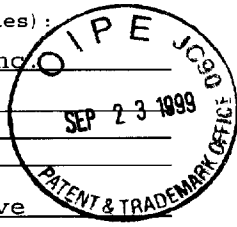
Street Address: 101 Waverly Drive

City: Pasadena

State: California Zip: 91105

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 application, the execution date of the application is: _____

A. Patent Application No. (s):

09/238,351

B. Patent No. (s)

Additional numbers attached? [] Yes [X] No

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

Name: Robin M. Silva

Internal Address: FLEHR, HOHBACH, TEST,
ALBRITTON & HERBERT

Street Address: Suite 3400

Four Embarcadero Center

City: San Francisco

State: California Zip: 94111-4187

6. Total number of applications and patents involved: 1

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

[X] Enclosed

[] Authorized to be charged to deposit account

8. Deposit account number: 06-1300

Please debit any underpayment or credit any overpayment to the above deposit account.

Our Order No. A-67643/RFT/RMS

(Attach duplicate of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Robin M. Silva

Name of Person Signing

Robin M. Silva
Signature

9/20/99

Date

Total number of pages including cover sheet, attachments and document: [4]

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

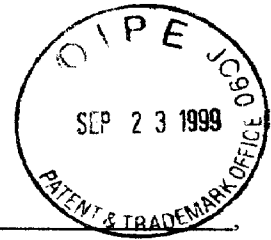
09/27/1999 WAN11 00000095 09238351 Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

01 FC:581

40.00 UP

File No. A-67643/RFT/RMS

ASSIGNMENT



WHEREAS, the undersigned,

(1) Jon Faiz Kayyem
(3) _____

(2) Cynthia Bamdad
(4) _____

(hereinafter termed "Inventors"); residents of

(1) Pasadena
(3) _____

(2) Sharon
(4) _____

respectively, Counties of

(1) Los Angeles
(3) _____

(2) Norfolk
(4) _____

respectively, States of

(1) California
(3) _____

(2) Massachusetts
(4) _____

respectively, have invented certain new and useful improvements in

AMPLIFICATION OF NUCLEIC ACIDS WITH ELECTRONIC DETECTION

and have executed an application for a United States patent disclosing and identifying the invention having Serial No. 09/238,351 and filing date of 27 January 1999; and

WHEREAS, Clinical Micro Sensors, Inc., a corporation of the State of Delaware, having a place of business at 101 Waverly Drive, Pasadena, State of California, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony,

execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as follows:

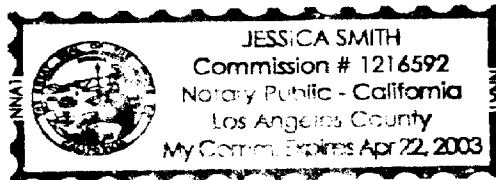
Date: September 16, 1999 (1) Jon Faiz Kayyem
Jon Faiz Kayyem

County of Los Angeles)
State of California) ss.

On this 16th day of September, in the year 1999, before me, Jessica Smith, Notary Public of the State of California, personally appeared (1) Jon Faiz Kayyem, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument, and acknowledged that he/~~she~~ executed the same in his/~~her~~ authorized capacity(~~ies~~), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Jessica Smith



(Seal)

Date: 9/16/99

(2) Gary Blackburn for Cynthia Bamdad
Cynthia Bamdad

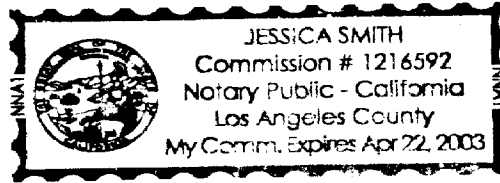
County of Los Angeles
State of California

)ss.

On this 16th day of September, in the year 1999, before me, Jessica Smith, Notary Public of the State of California, personally appeared (2) Gary Blackburn personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/~~she~~ executed the same in his/~~her~~ authorized capacity(~~ies~~), and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Jessica Smith



(Seal)

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