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By: Karen M. Forsyth

Karen M. Forsyth

12-12-2003



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22154 U.S. PTO
10/727301



120303

PATENTS ONLY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) : Meng H. Lean, et al.

TITLE : TRAVELING WAVE GRIDS AND
ALGORITHMS FOR BIOMOLECULE
SEPARATION, TRANSPORT AND
FOCUSING

12.3-03

APPLICATION NO. : Unknown 10727301

FILED : Herewith

CONFIRMATION NO. : Unknown

EXAMINER : Unknown

ART UNIT : Unknown

LAST OFFICE ACTION : None

ATTORNEY DOCKET NO. : D/A3236
XERZ 2 00606

ASSIGNMENT TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
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Dear Sir:

Please record the attached original document(s) or copy(ies)

thereof.

12/11/2003 BYRNE 00000145 240037 10727301

01 FC:0021

1. 40.00 Name of Party(ies) conveying an interest:

Meng H. Lean

Jeng Ping Lu

Jackson Ho

Chinwen Shih

Armin R. Völkel

Huangpin Ben Hsieh

Jurgen Daniel

2. Name of Party(ies) receiving an interest:

Palo Alto Research Center Incorporated

3333 Coyote Hill Road

Palo Alto, California 94304

PATENT

REEL: 014772 FRAME: 0020



3. Description of the interest conveyed:

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

Execution Date: September 22, 23 and 24, 20034. These documents are being filed together with a new application, the execution date of which is: September 22, 23 and 24, 2003

A. Patent Application No.(s)

N/A

B. Patent No.(s)

N/A

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

Mark E. Bandy
Reg. No. 35,788
FAY, SHARPE, FAGAN
MINNICH & McKEE, LLP
1100 Superior Avenue, Seventh Floor
Cleveland, Ohio 44114-2579

6. One patent application is involved.7. Amount of fee enclosed or authorized to be charged: \$ 40.008. Deposit Account Number (attached duplicate copy of this form if paying by Deposit Account): 24-0037.9. Please charge any additional fees or credit overpayment to Deposit Account No.: 24-0037.

10. 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.

11. Total number of pages enclosed 4.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP

Mark E. Bandy
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December 3, 2003
Date

ASSIGNMENT

Attorney Docket No.: D/A3236

XERZ 2 00606

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **TRAVELING WAVE GRIDS AND ALGORITHMS FOR BIOMOLECULE SEPARATION, TRANSPORT AND FOCUSING** (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"),

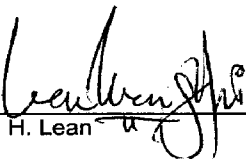
which Application:


- ☒ is being executed concurrently herewith,
☐ was first executed on _____
☐ was filed on _____ as Application Number _____
☐ claims the benefit of U.S. Provisional Application(s) No(s). _____ / _____ filed _____.

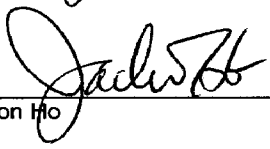
Palo Alto Research Center Incorporated, a Delaware Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("PARC"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to PARC the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

- (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to PARC;
- (2) agree that PARC may apply for and receive all foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by PARC; and
- (4) authorize PARC to subsequently enter the Application Number on this Assignment, if not already entered above.


Meng H. Lean _____
Date 9/22/03


Jeng Ping Lu _____
Date 9/24/03



Jackson Ho _____
Date 9/24/03



Chinwen Shih _____
Date 9/23/03


Armin R. Völkel _____
Date 9/22/03

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Huangpin Ben Hsieh
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