

"Express Mail" Mailing Label Number: EV 340035068 US

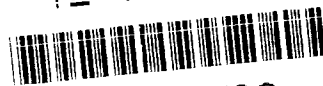
Date of Deposit: 12-3-03

I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is Addressed to the Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Karen M. Forsyth

Karen M. Forsyth

12-12-2003



102621736

16018 U.S. PTO
10/727289



PATENTS ONLY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) : Armin R. Völkel et al.

TITLE : CONCENTRATION AND FOCUSING
OF BIO-AGENTS AND MICRON-
SIZED PARTICLES USING
TRAVELING WAVE GRIDS

APPLICATION NO. : Unknown

FILED : Herewith

CONFIRMATION NO. : Unknown 10727289

EXAMINER : Unknown

ART UNIT : Unknown

LAST OFFICE ACTION : None

ATTORNEY DOCKET NO. : D/A3237
XERZ 2 00607

ASSIGNMENT TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Mail Stop Assignment Recordation Services

Dear Sir:

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

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

Armin R. Völkel
Huangpin Ben Hsieh

Meng H. Lean
Jurgen Daniel

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

Palo Alto Research Center Incorporated
3333 Coyote Hill Road
Palo Alto, California 94304

12/11/2003 09:00:00 00000232 240037 10727289

01 FL:0021

40.00 3A

PATENT
REEL: 014767 FRAME: 0431

3. Description of the interest conveyed:

☒ Assignment

☐ Security Agreement

☐ Other: _____

☐ Change of Name

☐ Merger

Execution Date: September 22, 2003

4. These documents are being filed together with a new application, the execution date of which is: September 22, 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: \$ 40.00

8. Deposit Account Number (attached duplicate copy of this form if paying by Deposit Account): 24-0037.

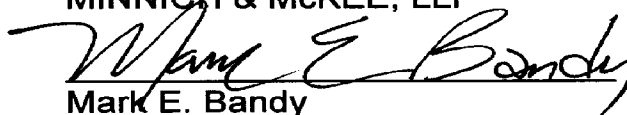
9. Please charge any additional fees or credit overpayment to Deposit Account No.: 24-0037.

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 3.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP



Mark E. Bandy
Reg. No. 35,788
1100 Superior Avenue, 7th Floor
Cleveland, Ohio 4411-2579
(216) 861-5582

December 3, 2003

Date

ASSIGNMENT

Attorney Docket No.: D/A3237

XERZ 2 00607

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **CONCENTRATION AND FOCUSING OF BIO-AGENTS AND MICRON-SIZED PARTICLES USING TRAVELING WAVE GRIDS** (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"),

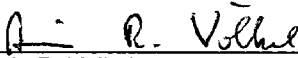
which Application:

- ☒ 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).

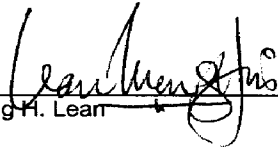
For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to PARC the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, 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.



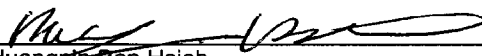
Armin R. Völkel

Date 9/22/03



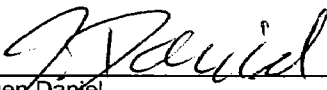
Meng H. Lean

Date 9/22/03



Huangpin Ben Hsieh

Date 09/22/2003



Jugen Daniel

Date 9/22/03

N:\XERZ\200607\MAT0668A.doc

RECORDED: 12/03/2003

PATENT
REEL: 014767 FRAME: 0433