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Patent and Trademark Office

PATENTS ONLY

Attorney Docket Number 20061128-US-NP (XERZ 2 01433)

To the Director of the U.S. Patent and Trademark Office: Please record the attached original assignment document.

## 1. Name of all Party(ies) conveying an interest/Execution Date(s):

1. Meng H. Lean
2. Jeonggi Seo
3. Ashutosh Kole
4. Norine E. Chang
5. Scott Jong Ho Limb
- 6.

## Assignment Execution Date(s):

1. November 30, 2006
2. November 30, 2006
3. November 30, 2006
4. December 4, 2006
5. November 30, 2006
- 6.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and Address of receiving Party(ies):

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

Additional name(s) and address(es) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Title: PARTICLE SEPARATION AND CONCENTRATION SYSTEM

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date(s) of the application is/are:

1. November 30, 2006
2. November 30, 2006
3. November 30, 2006
4. December 4, 2006
5. November 30, 2006
- 6.

## A. Patent Application No.(s)

11/606,460 filed November 30, 2006

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Joseph D. Dreher  
FAY, SHARPE, FAGAN,  
MINNICH & MCKEE, LLP  
1100 Superior Avenue - 7<sup>th</sup> Floor  
Cleveland, OH 44114-2579  
(216) 861-5582  
CUSTOMER NUMBER: 61962

6. Total number of applications and patents involved = 17. Total Fee (37 CFR 3.41): \$ **40.00**

- ☐ Enclosed  
☒ Authorized to be charged to Deposit Account

8. Deposit Account Number: **24-0037**

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## 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.

Name of Person Signing:

Mark S. Svat, Reg. No. 34,261

Date

4/10/07

Signature

Total number of pages comprising cover sheet: 1

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Adjustment Date: 04/13/2007 DBYRNE  
 03/06/2007 DBYRNE 00000092 240037 DREHER  
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Date:

April 10, 2007

By: Roseanne Giuliani

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeSerial Number **20061128-US-NP (XERZ 2 01433)**

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A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Joseph D. Dreher  
FAY, SHARPE, FAGAN,  
MINNICH & MCKEE, LLP  
1100 Superior Avenue - 7<sup>th</sup> Floor  
Cleveland, OH 44114-2579  
(216) 861-5582  
CUSTOMER NUMBER: 61962

6. Total number of applications and patents involved = **1**7. Total Fee (37 CFR 3.41): \$ **40.00**

- ☐ Enclosed  
☒ Authorized to be charged to Deposit Account

8. Deposit Account Number: **24-0037**

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## 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.

Name of Person Signing:

Joseph D. Dreher, Reg. No. 37,123

Date 02/28/07

Signature

Total number of pages comprising cover sheet: 1

Rev 09/2003

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- ☒ deposited with the United States Postal Service as First Class Mail, addressed to: Mail Stop: Assignment Recordation Services, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.  
☐ transmitted to the USPTO by electronic transmission to USPTO via EFS-Web on the date indicated below.

Date: February 28, 2007

*Roseanne Giuliani*  
 By: Roseanne Giuliani

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**ASSIGNMENT**

**Attorney Docket No.: 20061128-US-NP  
XERZ 2 01433**

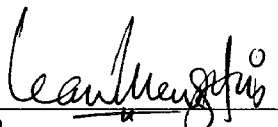
The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled **PARTICLE SEPARATION AND CONCENTRATION SYSTEM** (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

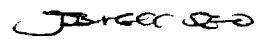
- ☒ is being executed concurrently herewith,  
☐ was first executed on \_\_\_\_\_  
☐ was filed on \_\_\_\_\_ as Application Number \_\_\_\_\_  
☐ claims the benefit of U.S. Provisional Application(s) No(s). \_\_\_\_\_ / \_\_\_\_\_ filed \_\_\_\_\_.


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 11/30/2006

  
Jeonggi Seo  
Date 11/30/2006

  
Ashutosh Kote  
Date 11/30/2006

  
Norine E. Chang  
Date 12-4-06

  
Scott Jong Ho Limb  
Date 11/30/2006