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U.S. PTO  
09/358312  
07/21/99

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Raanan A. Miller and Erkinjon G. Nazarov**

Additional names of conveying parties attached? ☐ Yes ☒ No

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

Name: **The Charles Stark Draper Laboratory, Inc.**

Street Address: **555 Technology Square**

City: **Cambridge**

State: **Massachusetts**

Zip: **02139**

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

3. Nature of conveyance:

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

Execution date: **July 19, 1999**

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

09/358312

If this document is being filed together with a new application, the execution date of the application is: **July 21, 1999**

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:

**Iandiorio & Teska  
260 Bear Hill Road  
Waltham, MA 02451-1018**

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

7. Total fee (37 CFR 3.41): **\$80.00**

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: **09-0002**

07/28/1999 DNGUYEN 00000196 09358312

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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.*

Erik Fako

Name of person signing

Signature

Date

7/21/99

Attorney Docket No: DR-301J

Total number of pages including cover sheet, attachments, and document: **3**

## ASSIGNMENT

For valuable consideration, I, Raanan A. Miller, residing at 170 Gore Street, Apt. 315, Cambridge, Massachusetts 02141, (hereinafter "the Assignor"), hereby assign to The Charles Stark Draper Laboratory, Inc., a Massachusetts corporation having its principal place of business at 555 Technology Square, Cambridge, Massachusetts 02139, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent filed on even date herewith entitled

### **MICROMACHINED FIELD ASYMMETRIC ION MOBILITY**

### **FILTER AND DETECTION SYSTEM**

this assignment including said United States patent and any and all foreign patents granted for said inventions or improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

In Witness Whereof, I hereto set my hand and seal at Cambridge

this 19<sup>th</sup> day of July, 1999.

Raanan Miller  
Raanan A. Miller

Commonwealth of Massachusetts }

County of Middlesex }

Before me this 19<sup>th</sup> day of July, 1999, personally appeared Raanan A. Miller, known to me to be the person whose name is subscribed to the foregoing assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

[Notary's  
seal here]

Margaret Chubb  
Notary Public

My commission expires: 9 September 2005

ASSIGNMENT

For valuable consideration, I, Erkinjon G. Nazarov, residing at 1427 Sweet Avenue, Las Cruces, New Mexico 88001, (hereinafter "the Assignor"), hereby assign to The Charles Stark Draper Laboratory, Inc., a Massachusetts corporation having its principal place of business at 555 Technology Square, Cambridge, Massachusetts 02139, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent filed on even date herewith entitled

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this assignment including said United States patent and any and all foreign patents granted for said inventions or improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

In Witness Whereof, I hereto set my hand and seal at Dona Ana County  
this 19th day of July, 1999.

Erkinjon G. Nazarov  
Erkinjon G. Nazarov

State of New Mexico

County of Dona Ana

Before me this 19th day of July, 1999, personally appeared Erkinjon G. Nazarov, known to me to be the person whose name is subscribed to the foregoing assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.



OFFICIAL SEAL  
GABRIELLE FREEL  
Notary Public - State of New Mexico  
My Commission Expires July 29, 2000

Gabrielle Freel  
Notary Public  
My commission expires:

DR-301J