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102918562

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):
 Raanan A. Miller (11/03/2004),
 Erkinjon G. Nazarov (11/04/2004),
 Gary A. Eiceman (12/01/2004), and
 Evgeny Krylov (12/01/2004)

Execution Dates: in parentheses after inventor name

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

2. Name and address of receiving party(ies)
 Name: The Charles Stark Draper Laboratory, Inc.

Internal Address: _____
 Street Address: _____

555 Technology Square

City: Cambridge
 State: Massachusetts
 Country: United States of America Zip: 02139

Additional name(s) & address(es) attached: Yes No

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s):

A. Patent Application No.(s)
10/734499, filed December 12, 2003

Additional numbers attached? Yes No

This document is being filed together with a new application.

B. Patent No.(s)

Yes No

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

Name: John V. Bianco
ROPES & GRAY LLP

Internal Address: Atty. Dkt.: SION-P12-041
 Street Address: One International Place

City: Boston
 State: MA Zip: 02110-2624
 Phone Number: (617) 951-7973
 Fax Number: (617) 951-7050
 Email Address: jbianco@ropesgray.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

9. Signature.

Signature

John V. Bianco - 36,748
 Name of Person Signing

8. Payment Information:

a. Credit Card Last 4 Numbers _____
 Expiration Date _____

b. Deposit Account Number 18-1945
 Authorized User Name John V. Bianco

January 6, 2005
Date

Total number of pages including cover sheet, attachments, and documents: 4

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: Jan. 6, 2005 Signature: Diane Burke

01/11/2005 ECOOPER 00000072 181945 10734499
01 FC:8021 40.00 BA

PATENT
REEL: 016132 FRAME: 0570

ASSIGNMENT

WHEREAS, the Undersigned have developed certain inventions described in U.S. patent application titled:

METHOD AND APPARATUS FOR ELECTROSPRAY AUGMENTED HIGH FIELD ASYMMETRIC ION MOBILITY SPECTROMETRY

filed on December 12, 2003, and having U.S. Ser. No. 10/734,499, and have full right to convey their entire interest, both legal and equitable, in and to said inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, **The Charles Stark Draper Laboratory, Inc.**, ("ASSIGNEE"), is a corporation organized and existing under the laws of the Commonwealth of Massachusetts, having principal offices at 555 Technology Square, Cambridge, Massachusetts 02139-3563, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the Undersigned, the Undersigned hereby sell, assign and transfer unto said ASSIGNEE, its successors and assign, their entire right, title and interest in and to said invention or inventions, as described in the aforesaid application and all applications resulting therefrom, both U.S. and foreign, including any and all divisions, continuations, continuations-in-part, substitute applications, and reissues or extensions thereof; and all resulting patents.

AND, the Undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns; the Undersigned agree that the agent of record in said application shall hereinafter act on behalf of said ASSIGNEE.

AND, the Undersigned further agree to execute and deliver all lawful papers required to make any of the foregoing provisions effective; and to generally do everything reasonable to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

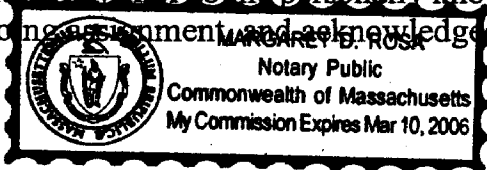
The undersigned hereby authorize Ropes & Gray, LLP of One International Place, Boston, MA 02110, to insert hereon any further identification information necessary or desirable for recordation of this document.

WITNESS my hand this 3rd day of November, 2004.

By: *Raanan A. Miller*
Raanan A. Miller

State of Massachusetts)
County of Middlesex)

On this the 3rd day of November, 2004, before me personally appeared Raanan A. Miller to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.



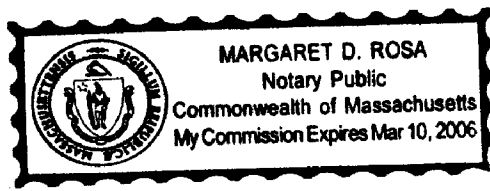
Margaret D. Rosa
Notary Public

WITNESS my hand this 04 day of November, 2004.

By: *Erkinjon G. Nazarov*
Erkinjon G. Nazarov

State of Massachusetts)
County of Middlesex)

On this the 4th day of November, 2004, before me personally appeared Erkinjon G. Nazarov to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.



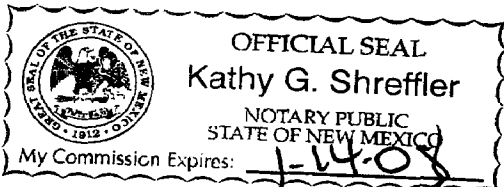
Margaret D. Rosa
Notary Public

WITNESS my hand this 1st day of December, 2004.

By: [Signature]
Gary A. Eiceman

State of NM
County of Dona Ana)

On this the 1st day of December, 2004, before me personally appeared Gary A. Eiceman to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.



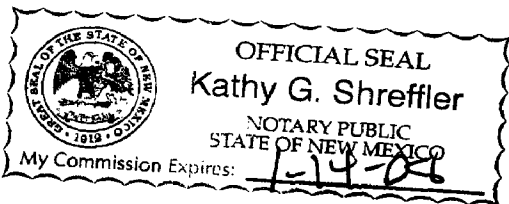
[Signature]
Notary Public

WITNESS my hand this 1 day of December, 2004.

By: [Signature]
Evgeny Krylov

State of NM
County of Dona Ana)

On this the 1st day of December, 2004, before me personally appeared Evgeny Krylov to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.



[Signature]
Notary Public