

10-27-2006

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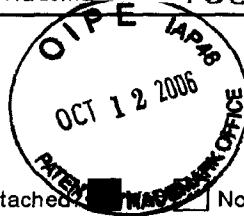
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To the Director of the U.S. Patent and Trademark Office

Send to the new address(es) below.

1. Name of conveying party(ies)

- (1) ROBERT JAMES COTTER
- (2) BENJAMIN D. GARDNER
- (3) ROBERT D. ENGLISH
- (4) SERGUEI A. ILCHENKO



2. Name and address of receiving party(ies)

Name: JOHNS HOPKINS UNIVERSITY

Internal Address: _____

Street Address: 100 N. CHARLES STREET, 5TH FLOOR

City: BALTIMORE

State: MD

Country: USA Zip: 21201

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) (1) 10/9/06 (2) 10/9/06 (3) 10/3/06 (4) 10/4/06

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

10/546,323

B. Patent No.(s)

10/17/2006 GFREY1 00000096 033975 10546323

02 FD:0021

40.00 BA

Additional numbers attached? Yes No

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

Name: PILLSBURY WINTHROP SHAW PITTMAN LLP

Internal Address: P.O. Box 10500

Street Address: 2300 N Street, NW

City: McLean

State: VA Zip: 22102

Phone Number: (703) 770-7900

Fax Number: (703) 770-7901

Email Address: jeffrey.karceski@pillsburylaw.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)

8. Payment Information

041061-0317262

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 033975

Authorized User Name _____

9. Signature:

Signature

October 12, 2006

Date

Jeffrey D. Karceski, Reg. No. 35914

Name of Person Signing

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

6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Attorney's Docket No: 041061-0317262

Client Reference: DM4195-US

For: U.S. Rights and Foreign Rights
For: PCT Application
By: Inventors

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS:

ROBERT JAMES COTTER
100 Harborview Drive, #207
Baltimore, MD 21230

Nationality: USA

BENJAMIN D. GARDNER
2281 Crescent Circle
Colton, CA 92324

Nationality:

ROBERT D. ENGLISH
1415 Broadway
Galveston, TX 77550

Nationality: USA

SERGUEI A. ILCHENKO
34455 Park East Drive A203
Solon, OH 44139

Nationality: Russia

hereby sell, assign and transfer to

ASSIGNEE:

JOHNS HOPKINS UNIVERSITY
100 N. Charles Street
5th Floor
Baltimore, MD 21201

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

TANDEM TIME-OF-FLIGHT MASS SPECTROMETER

and which is found in (37 C.F.R. § 3.21) International application no. PCT/PCT/US/2004/005278 filed on February 23, 2004 and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 10-09-2006



Signature of ROBERT JAMES COTTER

Date:

Signature of BENJAMIN D. GARDNER

Date:

Signature of ROBERT D. ENGLISH

Date:

Signature of SERGUEI A. ILCHENKO

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

TANDEM TIME-OF-FLIGHT MASS SPECTROMETER

and which is found in (37 C.F.R. § 3.21) International application no. PCT PCT/US2004/005278 filed on February 23, 2004 and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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Date:

Signature of ROBERT JAMES COTTER

Date:

10/9/06



Signature of BENJAMIN D. GARDNER

Date:

Signature of ROBERT D. ENGLISH

Date:

Signature of SERGUEI A. ILCHENKO

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

TANDEM TIME-OF-FLIGHT MASS SPECTROMETER

and which is found in (37 C.F.R. § 3.21) International application no. PCT PCT/US2004/005278 filed on February 23, 2004 and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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Date:

Signature of ROBERT JAMES COTTER

Date:

Signature of BENJAMIN D. GARDNER

Date:

10/03/2006

Robert D. English

Signature of ROBERT D. ENGLISH

Date:

Signature of SERGUEI A. ILCHENKO

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

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Date:

Signature of **ROBERT JAMES COTTER**

Date:

Signature of **BENJAMIN D. GARDNER**

Date:

Signature of **ROBERT D. ENGLISH**

Date:

10/04/06



Signature of **SERGUEI A. ILCHENKO**