

10-25-2006

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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)

- A - ROBERT J. COTTER
- B - BENJAMIN D. GARDNER
- C - JOHN F. HOLLAND

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

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

Execution Date s 10-09-2006, 9-10-2006, 10-20-2006

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

2. Name and address of receiving party(ies)

Name: THE JOHNS HOPKINS UNIVERSITY

Internal Address: \_\_\_\_\_

Street Address: 3400 N. Charles Street

City: Baltimore

State: MD

Country: USA Zip: 21218

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

4. Application or patent number(s):

A. Patent Application No.(s)  
11/352301

This document is being filed together with a new application.

B. Patent No.(s)

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

041061-0325872

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 033975

Authorized User Name \_\_\_\_\_

9. Signature:

Jeffrey D. Karceski, Reg. No. 35914  
Name of Person Signing

October 20, 2006

Date

Total number of pages including cover sheet, attachments, and documents: 40-04

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

10/24/2006 11:52:30 AM  
033975  
40-04 DA

Attorney's Docket No. 041061-0313729  
Client Reference: 4080

**PATENT**

For: U.S. Rights  
For: U.S. 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, 3207  
Baltimore, MD 21230  
Nationality: USA

BENJAMIN D. GARDNER  
9105 Thistledown Road, #163  
Owings Mills, MD 21117  
Nationality: USA

JOHN F. HOLLAND  
1725 Maple Ridge Road, #5  
Haslett, MI 48840  
Nationality: USA

hereby sell, assign and transfer to

**ASSIGNEE:**

THE JOHNS HOPKINS UNIVERSITY  
3400 N. Charles Street  
Baltimore, MD 21218  
Nationality:

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

**TIME-OF-FLIGHT MASS SPECTROMETER COMBINING FIELDS NON-LINEAR IN TIME AND SPACE**

and which is found in (37 C.F.R. § 3.21) U.S. continuation application no. 11/352,301 filed on February 13, 2006 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.

Assignment of Invention- page 1 of 2

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 JOHN F. HOLLAND

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:

\_\_\_\_\_  
Signature of ROBERT JAMES COTTER

Date: 10 September, 2006

*Ben Gardner*  
\_\_\_\_\_  
Signature of BENJAMIN D. GARDNER

Date:

\_\_\_\_\_  
Signature of JOHN F. HOLLAND

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:

Signature of ROBERT JAMES COTTER

Date:

Signature of BENJAMIN D. GARDNER

Date:

10-20-06

John F. Holland  
Signature of JOHN F. HOLLAND