

OCT 14 2008

10-16-2008

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

HEET

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

## 1. Name of conveying party(ies)

Thomas Clay SHIELDS;  
Ophir FRIEDER; and  
Marcus A. MALOOFAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

Execution Date(s) 9/29/08; 9/29/08; and 9/26/08

- ☒ 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: Georgetown University

Internal Address:

Street Address: 37<sup>th</sup> & O Street, NW

City: Washington

State: DC

Zip: 20057

Country: US

Additional name(s) & address(es) attached? ☐ Yes ☒ No4. Application number(s) or patent number(s): ☐ This document is being filed together with a new application

A. Patent Application No.(s)

12/118,942

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Customer No.: 27557  
Blank Rome LLP  
600 New Hampshire Avenue, N.W.  
Washington, D.C. 20037  
Phone: 202-772-5800  
Fax: 202-572-8398

Attorney Docket No.: 128503-00105

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

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

- ☐ Enclosed  
☒ Authorized to be charged to deposit account  
☐ None required (government interest not affecting title)

8. Deposit account number: 23-2185

(Attach duplicate copy of this page if paying by deposit account)

9. Signature: /Michael C. Greenbaum/ MCG

Signature

October 14, 2008

Date

Michael C. Greenbaum, Reg. No. 28,419

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, VA 22313-1450

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Docket No.: 128503-00105

## ASSIGNMENT

THIS ASSIGNMENT, made on the date set forth below by Thomas Clay SHIELDS, Ophir FRIEDER and Marcus A. MALOOF (hereinafter referred to as the Assignors), residing at 3907 Benton St. NW, Washington, DC 20007, 111 East Chestnut, Apt. 24A, Chicago, IL 60611 and 7111 Woodmont Ave, Unit 704, Bethesda, MD 20815, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in AUTOMATED FORENSIC DOCUMENT SIGNATURES set forth in an application for Letters Patent of the United States, filed on May 12, 2008, and assigned the United States Patent Application Serial No. 12/118,942; and

WHEREAS, Georgetown University, ("ASSIGNEE"), a Congressionally Chartered Institution of Higher Education located in the District of Columbia, having principal offices at 37<sup>th</sup> & O Streets, N.W. Washington, D.C. 20057, is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and

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all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

AND for the same consideration, the said Assignors hereby covenant and agree to and with the said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said Assignors hereby covenant and agree to and with the said Assignee, its successors, legal representatives and assigns, that the said Assignors will, whenever counsel of the said Assignee or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, that any division, continuation or continuation-in-part of any application for Letters Patent, or reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign

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all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to the said Assignors, their successors, legal representatives and assigns, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to the said Assignee, as the Assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said Assignee, its successors, legal representatives and assigns.

The undersigned hereby grant the firm of Blank Rome LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 9/29/08TC  
Thomas Clay SHIELDS

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness [Signature]Witness [Signature]

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10/14/2008

11:12

BLANK ROME LLP → 915712738300#8865

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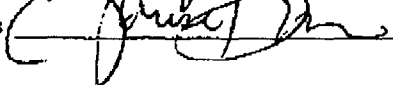
Date: Sept 29, 2008

  
Ophir FRIEDER

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness

Witness

Date: \_\_\_\_\_

\_\_\_\_\_  
Marcus A. MALOOF

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness \_\_\_\_\_

Witness \_\_\_\_\_

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Date: \_\_\_\_\_

Ophir FRIEDER

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness \_\_\_\_\_

Witness \_\_\_\_\_

Date: 9/28/08  
Marcus A. MALOOF

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness Stephan BachWitness Walter G. Tadeux

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