

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

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United States Patent and Trademark Office

## RECORDATION FORM COVER SHEET PATENTS ONLY

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) Michael A. Heaton  
b) David Most  
c) Shawn Younkin

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

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

Execution Date(s) a) 5/1/06; b) 5/2/06; c) 5/1/06

- ☒ 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: Lockheed Martin Corporation

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

Street Address: 6801 Rockledge Drive

City: Bethesda

State: MD

Country: U.S.A. Zip: 20817

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

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

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/343,492

filed 01/31/06

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Orlando Lopez

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

Burns & Levinson, LLP (formerly Perkins Smith & Cohen)

Street Address: One Beacon Street, 30th Floor

City: Boston

State: MA Zip: 02108-3106

Phone Number: 617-854-4000

Fax Number: 617-854-4040

Email Address: olopez@burnslev.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**

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

b. Deposit Account Number 03-2410

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

**9. Signature:**

  
Signature

May 12, 2006

Date

Orlando Lopez, Reg No. 46,880

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

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

CH \$40.00 032410 11343492

Attorney Docket No. 12078-202CIP

## ASSIGNMENT

WHEREAS, we, **Michael A. Heaton**, a resident of Owego, NY; **David Most**, a resident of Endicott, NY; and **Shawn Younkin**, a resident of Owego, NY (hereinafter referred to collectively as "Assignors"), have jointly made an invention entitled DETECTION METHODS AND SYSTEMS USING SEQUENCED TECHNOLOGIES, which claims priority of U.S. Provisional Application Serial No. 60/425,615, filed on November 11, 2002, and is a CIP of Application Serial No. 10/705,445 filed on November 11, 2003, now Patent No. 7,023,956, and for which an application for a United States Patent was filed on January 31, 2006 and accorded U.S. Patent Application Serial No. 11/343,492.

WHEREAS, Lockheed Martin Corporation, a corporation organized and existing under the laws of the State of Maryland, having its principal place of business at 6801 Rockledge Drive Bethesda, MD 20817 (hereinafter referred to as "Assignee"), is desirous of acquiring right, title and interest in said invention.

NOW, THEREFORE, in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors by these presents, does sell, assign and transfer to Assignee, Assignors' entire right, title and interest, for the United States of America and its possessions and territories and for all foreign countries, in and to said invention, including all rights of priority created and conferred by any treaty or international convention which is available in connection with said invention, including the right to apply for patent rights, U.S. or foreign, and in any continuations, divisions, substitutes, renewals, reissues or other applications filed in the U.S. or abroad (including multinational filing arrangements of all kinds), and in any U.S. or foreign patents issued on any such applications and reissues, extensions and renewals thereof, to be held and enjoyed by Assignee, for its own use and behalf and for its successors and assigns, to the full ends of the terms or extended terms for which any Letters Patents or the like may be granted, as fully and entirely as the same would have been held by Assignors had this sale, assignment and transfer not been made.

Assignors hereby authorize and request the Commissioner for Patents of the United States, and any official of any country or countries (including multinational filing arrangements of all kinds), whose duty it is to receive and/or examine applications for patents or similar industrial property, issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to Assignee, its successors and assigns, in accordance with the terms of this instrument.

Assignors covenant with Assignee, its successors, assigns, and legal representatives that Assignors has full right to convey the entire interest herein assigned, and that Assignors have not executed any agreement in conflict herewith and will not execute any agreement or conveyance in conflict herewith.

Assignors further covenant and agree to communicate to Assignee, its successors, legal representatives and assigns, any facts known to Assignors respecting said invention, and testify in any legal proceeding, sign all lawful papers, including, without limitation, application papers,

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assignments, powers of attorney, declarations, and other instruments, execute all divisional, continuing, substitute, reissue, renewal and foreign applications, make all truthful oaths, declarations and statements, and generally do everything reasonably requested of Assignors by Assignee, or its successors or assigns to aid Assignee, its successors or assigns, to obtain, enforce and/or exploit said invention.

Executed this 1 day of MAY, 2006.

Michael A. Heaton  
Michael A. Heaton

State of New York )  
 ) ss.  
County of Tioga )

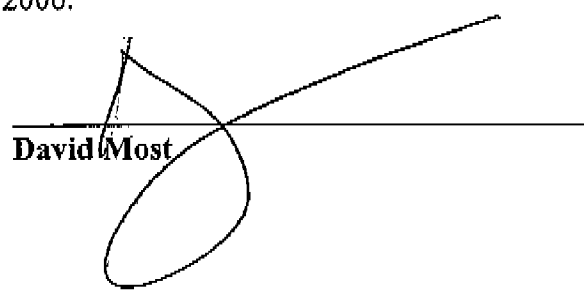
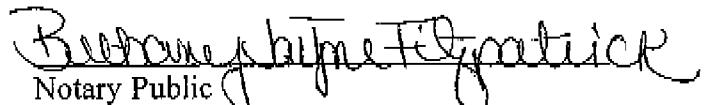
Before me appeared Michael A. Heaton on this 1<sup>st</sup> day of May, 2006, who signed this Assignment document, and who acknowledges that he signed it as a free act on his behalf.

Bethany Jayne Fitzpatrick  
Notary Public  
My commission expires: 11-21-06

SEAL

BETHANY JAYNE FITZPATRICK  
Notary Public, State of New York  
No. 4946423  
Residing in Broome County  
My commission expires 11-21-06

Attorney Docket No. 12078-202CIP

Executed this 2 day of May, 2006.  
David MostState of New York )  
 ) ss.  
County of Tioga )Before me appeared David Most on this 2<sup>nd</sup> day of May, 2006, who signed this Assignment document, and who acknowledges that he signed it as a free act on his behalf.  
Notary Public  
My commission expires: 11-21-06

SEAL

BETHANY JAYNE FITZPATRICK  
Notary Public, State of New York  
No. 6944423  
Residing in Tioga County  
My commission expires 11-21-06

Attorney Docket No. 12078-202CIP

Executed this 1 day of May, 2006.

Shawn Younkin  
Shawn Younkin

State of New York )  
 ) ss.  
County of Tioga )

Before me appeared Shawn Younkin on this 1<sup>st</sup> day of May, 2006, who signed this Assignment document, and who acknowledges that he signed it as a free act on his behalf.

Bethany Jayne Fitzpatrick  
Notary Public  
My commission expires: 11-21-06

SEAL

BETHANY JAYNE FITZPATRICK  
Notary Public, State of New York  
No. 4944423  
Residing in Broome County  
My commission expires 11-21-06