

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

|   |                                 |
|---|---------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                  |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                      |
| <b>CONVEYING PARTY DATA</b>   |                                 |
| <b>Name</b>   | <b>Execution Date</b>           |
| James A. Johnson  | 11/09/2011                      |
| <b>RECEIVING PARTY DATA</b>   |                                 |
| <b>Name:</b>  | Lockheed Martin Corporation     |
| <b>Street Address:</b>  | 6801 Rockledge Drive            |
| <b>City:</b>  | Bethesda                        |
| <b>State/Country:</b>   | MARYLAND                        |
| <b>Postal Code:</b>   | 20817                           |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                 |
| <b>Property Type</b>  | <b>Number</b>                   |
| Application Number:   | 13308107                        |
| <b>CORRESPONDENCE DATA</b>  |                                 |
| <b>Fax Number:</b>  | (703)610-8686                   |
| <b>Phone:</b>   | 703.903.9000                    |
| <b>Email:</b>   | ipdocketing@milestockbridge.com |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>       |                                 |
| <b>Correspondent Name:</b>  | MILES & STOCKBRIDGE PC          |
| <b>Address Line 1:</b>  | 1751 PINNACLE DRIVE , SUITE 500 |
| <b>Address Line 4:</b>  | MCLEAN, VIRGINIA 22102          |
| <b>ATTORNEY DOCKET NUMBER:</b>  | T3497-18422US01                 |
| <b>NAME OF SUBMITTER:</b>   | Susan Stiles                    |
| <b>Total Attachments: 2</b><br>source=T3497-18422US01--Assignment#page1.tif<br>source=T3497-18422US01--Assignment#page2.tif |                                 |

CH \$40.00 13308107

501739825

**PATENT**  
**REEL: 027303 FRAME: 0876**

**ASSIGNMENT**

**WHEREAS**, I, James A. Johnson of 1386 Allen Glen Road, Owego, NY 13827, have made an invention entitled **"PHASOR-BASED PULSE DETECTION"** (Lockheed Martin Ref. FS-01682) for which I have executed an application for Letters Patent of the United States (Attorney Docket: T3497-18422US01), Application No. \_\_\_\_\_ (referred to hereinafter as "the application"), filed on \_\_\_\_\_; and

**WHEREAS**, Lockheed Martin Corporation ("ASSIGNEE"), a corporation or other business entity duly organized under the laws of the State of Maryland in the United States of America whose postal address is 6801 Rockledge Drive, Bethesda, Maryland 20817, desires to acquire the entire right, title, and interest in and to the invention, the application, and any Letters Patent to be granted for the invention in the United States and in all foreign countries;

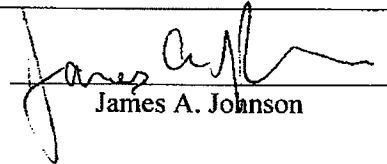
**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) paid to me by ASSIGNEE, and other good and valuable consideration, the receipt and sufficiency of which I acknowledge, I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in and to the invention, the application, all applications claiming benefit of the application, including, but not limited to, all divisions and continuations of the application, and all Letters Patent that may be granted thereon in the United States and in all foreign countries, and all reissues thereof, together with the right to claim priority under the International Convention in all member countries; and I authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent for the invention to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

**AND** I covenant and agree that I have the full right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any assignment or other instrument in conflict with this Assignment;

**AND** I further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors,

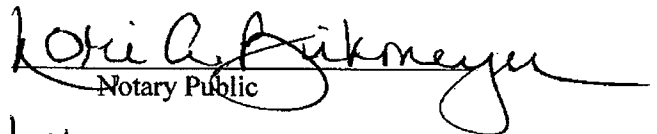
legal representatives, and/or assigns to obtain and enforce patent protection for the invention in the United States and in all foreign countries, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to me regarding the invention, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns.

Executed this 9th day of November, 2011, at  
Duquesne, N.Y.

  
James A. Johnson

State of New York :  
County of Tioga : ss.

Before me personally appeared said James A. Johnson and acknowledged the foregoing instrument to be his free act and deed this 9th day of November 2011.

  
Notary Public

My commission expires: 8/12/14

(Notarial  
Seal)

LORI A. BIRKMEYER  
NOTARY PUBLIC - STATE OF NEW YORK  
NO. 01B15064169  
QUALIFIED IN TOMPKINS COUNTY, 2011  
COMMISSION EXPIRES AUGUST 12, 2014