

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4462617

SUBMISSION TYPE:	RESUBMISSION
NATURE OF CONVEYANCE:	ASSIGNMENT
RESUBMIT DOCUMENT ID:	504286228
CONVEYING PARTY DATA	
Name	Execution Date
PETER V. BEDWORTH	06/15/2016
STEVEN E. BULLOCK	02/04/2012
SARAH M. SIMON	05/23/2016
STEVEN W. SINTON	05/23/2016
JOHN B. STETSON JR.	05/23/2016
JACOB L. SWETT	05/30/2016
SCOTT E. HEISE	05/19/2016
RECEIVING PARTY DATA	
Name:	LOCKHEED MARTIN CORPORATION
Street Address:	6801 ROCKLEDGE DRIVE
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20817
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15099588
CORRESPONDENCE DATA	
Fax Number:	(202)672-5399
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Email:	ipdocketing@foley.com, cmarrs@foley.com
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ATTORNEY DOCKET NUMBER:	111423-1115
NAME OF SUBMITTER:	ASHA NADIPURAM
SIGNATURE:	/Asha Nadipuram/

PATENT

DATE SIGNED:

06/15/2017

Total Attachments: 11

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Lockheed Martin Corporation
6801 Rockledge Drive
Bethesda, MD 20817
U.S.A.

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

TWO-DIMENSIONAL MATERIALS AND USES THEREOF

as set forth in this United States Patent Application

check one executed concurrently herewith,
 executed on _____,
 Serial No. 15/099,588 Filed April 14, 2016

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

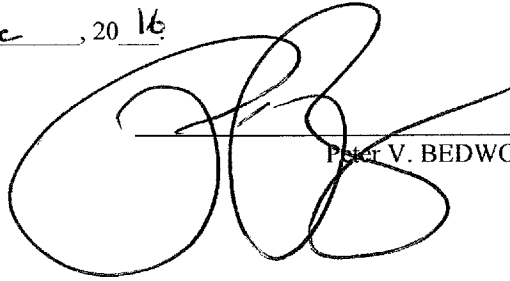
ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

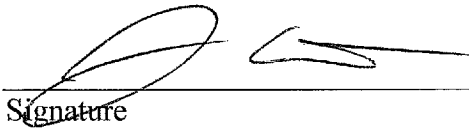
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Peter V. BEDWORTH

Witnessed By:

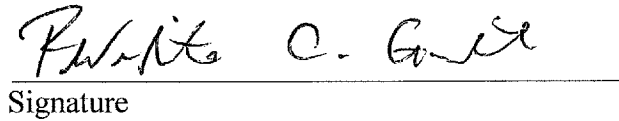
Date: 15 June 2016



Signature

Joseph EPSTEIN
Printed Name

Date: 15 June 2016



Signature

REVELITA C. GARBIT
Printed Name

Executed this 4th day of February, 2017.



Steven F. BULLOCK

Witnessed By:

Date: 2/9/2017 _____

Signature

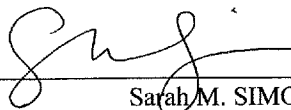
Cynthia Johnson
Printed Name

Date: 2/9/2017 _____

Signature

Nathifa Cummins
Printed Name

Executed this 23 day of May, 2016.



Sarah M. SIMON

Witnessed By:

Date: 5/23/16

David Casey
Signature

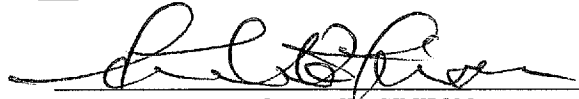
David Casey
Printed Name

Date: 5/23/16

Michael D. Marco
Signature

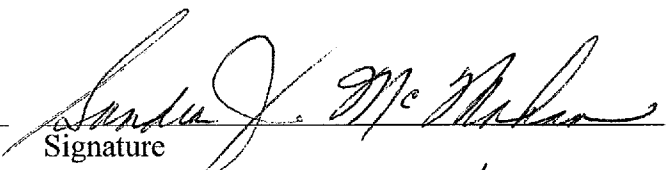
Michael D. Marco
Printed Name

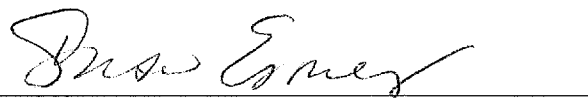
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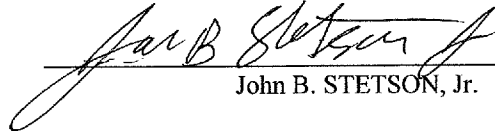
Steven W. SINTON

Witnessed By:

Date: May 23, 2016 
Signature
Sandra J. Mc Mahan
Printed Name

Date: May 23, 2016 
Signature
SUSAN ERMER
Printed Name

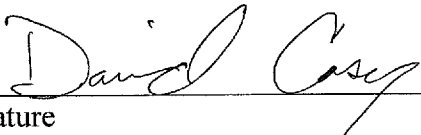
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John B. STETSON, Jr.

Witnessed By:

Date: 5/23/16



Signature

David Casey

Printed Name

Date: 5/23/16

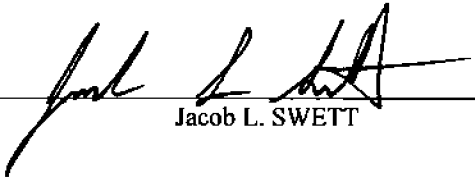


Signature

MICHAEL DIMARCO


Printed Name

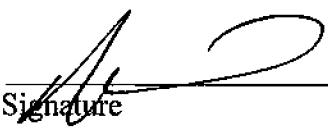
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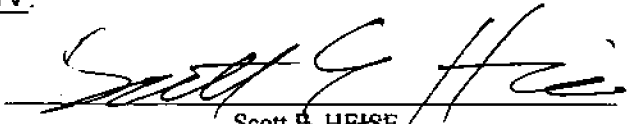
Jacob L. SWETT

Witnessed By:

Date: May 30 2016 _____

Signature
Phillip A McCort II
Printed Name

Date: May 30 2016 _____

Signature
MICHAEL MILABIOLE
Printed Name

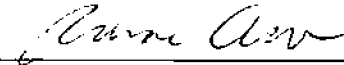
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Scott E. HEISE

Witnessed By:

Date: 5-19-16

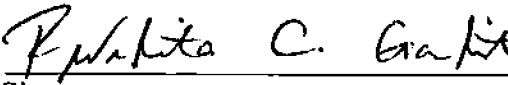


Signature

Shannon Clark

Printed Name

Date: 5/19/16



Signature

REVEDITA C GARLIT

Printed Name

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>PETER V. BEDWORTH</td> <td>06/15/2016</td> </tr> <tr> <td>STEVEN E. BULLOCK</td> <td>02/04/2017</td> </tr> <tr> <td>SARAH M. SIMON</td> <td>05/23/2016</td> </tr> <tr> <td>STEVEN W. SINTON, JR.</td> <td>05/23/2016</td> </tr> <tr> <td>JOHN B. STETSON</td> <td>05/23/2016</td> </tr> <tr> <td>JACOB L. SWETT</td> <td>05/30/2016</td> </tr> <tr> <td>SCOTT E. HEISE</td> <td>05/19/2016</td> </tr> </tbody> </table>		Name	Execution Date	PETER V. BEDWORTH	06/15/2016	STEVEN E. BULLOCK	02/04/2017	SARAH M. SIMON	05/23/2016	STEVEN W. SINTON, JR.	05/23/2016	JOHN B. STETSON	05/23/2016	JACOB L. SWETT	05/30/2016	SCOTT E. HEISE	05/19/2016
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SCOTT E. HEISE	05/19/2016																
RECEIVING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Name:</td> <td>LOCKHEED MARTIN CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>6801 ROCKLEDGE DRIVE</td> </tr> <tr> <td>City:</td> <td>BETHESDA</td> </tr> <tr> <td>State/Country:</td> <td>MARYLAND</td> </tr> <tr> <td>Postal Code:</td> <td>20817</td> </tr> </table>		Name:	LOCKHEED MARTIN CORPORATION	Street Address:	6801 ROCKLEDGE DRIVE	City:	BETHESDA	State/Country:	MARYLAND	Postal Code:	20817						
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Postal Code:	20817																
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Application Number:	15099588																
CORRESPONDENCE DATA																	
<p>Fax Number: (202)672-5399 Phone: 6508563700 Email: ipdocketing@foley.com, cmarrs@foley.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: DANIEL R. SHELTON Address Line 1: 3000 K STREET N.W., SUITE 600 Address Line 2: FOLEY & LARDNER LLP Address Line 4: WASHINGTON, D.C. 20007-5109</p>																	
ATTORNEY DOCKET NUMBER:	111423-1115																

PATENT

REEL: 042742 FRAME: 0995

NAME OF SUBMITTER:	DANIEL R. SHELTON
Signature:	/Daniel R. Shelton/
Date:	03/14/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 9 source=111423_1115_Assignment_Processed#page1.tif source=111423_1115_Assignment_Processed#page2.tif source=111423_1115_Assignment_Processed#page3.tif source=111423_1115_Assignment_Processed#page4.tif source=111423_1115_Assignment_Processed#page5.tif source=111423_1115_Assignment_Processed#page6.tif source=111423_1115_Assignment_Processed#page7.tif source=111423_1115_Assignment_Processed#page8.tif source=111423_1115_Assignment_Processed#page9.tif	
RECEIPT INFORMATION	
EPAS ID:	PAT4317956
Receipt Date:	03/14/2017

PATENT

RECORDED 03/23/2017 REEL: 042742 FRAME: 0996

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