

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3374723

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROBERT J. MURPHY JR.	05/19/2015
THOMAS E. HABERFELDE	05/11/2015
ABHIJIT MAHALANOBIS	05/15/2015
ROBERT R. MUISE	05/13/2015
<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>
<b>Application Number:</b>	14704440
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	407-926-7707
<b>Email:</b>	ldavis@iplawfl.com
<b>Correspondent Name:</b>	BEUSSE WOLTER SANKS & MAIRE, P.A.
<b>Address Line 1:</b>	390 N. ORANGE AVENUE, SUITE 2500
<b>Address Line 4:</b>	ORLANDO, FLORIDA 32801
<b>ATTORNEY DOCKET NUMBER:</b>	MC-03594 (107)
<b>NAME OF SUBMITTER:</b>	TERRY M. SANKS
<b>SIGNATURE:</b>	/Terry M. Sanks/
<b>DATE SIGNED:</b>	05/29/2015
<b>Total Attachments: 24</b>	
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ASSIGNMENT

WHEREAS, for other good and valuable consideration of which I (we) acknowledge receipt, I (we):

Robert J. Murphy, Jr.	of	Kissimmee, Florida
Thomas E. Haberfelde	of	Clermont, Florida
Abhijit Mahalanobis	of	Orlando, Florida
Robert R. Muise	of	Oviedo, Florida

hereby sell and assign to **LOCKHEED MARTIN CORPORATION**, a corporation duly organized under and pursuant to the laws of Maryland (hereinafter referred to as Assignee), having an address at 6801 Rockledge Drive, Bethesda, Maryland 20817, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

**SYSTEM AND METHOD FOR PROVIDING  
COMPRESSIVE INFRARED IMAGING**

executed concurrently herewith.

filed on May 5, 2015, having Application No. 14/704,440

and any and all applications for patent and patents therefrom in any and all countries, including all applications claiming priority thereto, any continuing applications, including divisions, continuations, continuations-in-part, substitutions, reexaminations and reissues thereof, and provisional patent applications to which the aforementioned application claims priority, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I/we will communicate to said Assignee or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal

proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitution, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

I/we hereby covenant and agree to and with the said assignee, its successors and assigns, that I/we will, whenever its counsel or the counsel of its successors or assigns shall advise that an amendment, division, continuation, continuation-in-part, or substitution of, or any other proceeding in connection with said application(s), including interference proceedings, is lawful and desirable, execute all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention(s), or for the reissue of same without charge to assignee, its successors or assigns, but at its or their expense.

INVENTOR 1

Signature: Robert J. Murphy, Jr.  
ROBERT J. MURPHY, JR.

Date: May 19, 2015

Witnessed by: Sharon Fagan  
Signature

Date: May 19, 2015

Thomas Higgins  
Printed Name of Witness

Witnessed by: James Guerci  
Signature

Date: 5-19-2015

JAMES GUERCI  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
ROBERT J. MURPHY, JR. Date: \_\_\_\_\_

STATE OF \_\_\_\_\_  
ss.  
COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came the above-named Robert J. Murphy, Jr., to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal \_\_\_\_\_  
(Notary Public)



INVENTOR 3

Signature: ABHIJIT MAHALANOBIS Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature  
Printed Name of Witness

Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
ABHIJIT MAHALANOBIS Date: \_\_\_\_\_

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ ss.

This \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came the above-named Abhijit Mahalanobis, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal \_\_\_\_\_  
(Notary Public)





ASSIGNMENT

WHEREAS, for other good and valuable consideration of which I (we) acknowledge receipt, I (we):

Robert J. Murphy, Jr.	of	Kissimmee, Florida
Thomas E. Haberfelde	of	Clermont, Florida
Abhijit Mahalanobis	of	Orlando, Florida
Robert R. Muise	of	Oviedo, Florida

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proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitution, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

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INVENTOR 2

Signature: *Thomas E. Haberfelde*  
THOMAS E. HABERFELDE

Date: 5/11/15

Witnessed by: *James Sklenar*  
Signature  
James Sklenar  
Printed Name of Witness

Date: 5/11/15

Witnessed by: *Michael Knox*  
Signature  
Michael Knox  
Printed Name of Witness

Date: 5/11/15

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
THOMAS E. HABERFELDE Date: \_\_\_\_\_

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ ss.

This \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came the above-named Thomas E. Haberfelde, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal \_\_\_\_\_  
(Notary Public)



INVENTOR 4

Signature: \_\_\_\_\_  
**ROBERT R. MUISE**

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

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
**ROBERT R. MUISE**

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

STATE OF \_\_\_\_\_

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came the above-named **Robert R. Muise**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

ASSIGNMENT

WHEREAS, for other good and valuable consideration of which I (we) acknowledge receipt, I (we):

Robert J. Murphy, Jr.	of	Kissimmee, Florida
Thomas E. Haberfelde	of	Clermont, Florida
Abhijit Mahalanobis	of	Orlando, Florida
Robert R. Muise	of	Oviedo, Florida

hereby sell and assign to **LOCKHEED MARTIN CORPORATION**, a corporation duly organized under and pursuant to the laws of Maryland (hereinafter referred to as Assignee), having an address at 6801 Rockledge Drive, Bethesda, Maryland 20817, USA, its successors and assigns my (our) entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled:

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[ ] executed concurrently herewith,

[X] filed on May 5, 2015, having Application No. 14/704,440

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proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitution, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

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INVENTOR 1

Signature: \_\_\_\_\_  
**ROBERT J. MURPHY, JR.**

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

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
**ROBERT J. MURPHY, JR.**

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

STATE OF \_\_\_\_\_

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came the above-named **Robert J. Murphy, Jr.**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 2

Signature: \_\_\_\_\_  
**THOMAS E. HABERFELDE**

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

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
**THOMAS E. HABERFELDE** Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came the above-named **Thomas E. Haberfelde**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR 3

Signature: [Handwritten Signature]  
ABHIJIT MAHALANOBIS

Date: 5/15/2015

Witnessed by: [Handwritten Signature]  
Signature

Date: 5/15/2015

Chris Voita  
Printed Name of Witness

Witnessed by: [Handwritten Signature]  
Signature

Date: 5/15/2015

Robert L Nicklin  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_ Date: \_\_\_\_\_  
ABHIJIT MAHALANOBIS

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

ss.

This \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came the above-named **Abhijit Mahalanobis**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal \_\_\_\_\_  
(Notary Public)

INVENTOR 4

Signature: \_\_\_\_\_  
**ROBERT R. MUISE**

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

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
**ROBERT R. MUISE**

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

STATE OF

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came the above-named **Robert R. Muise**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

**ASSIGNMENT**

WHEREAS, for other good and valuable consideration of which I (we) acknowledge receipt, I (we):

Robert J. Murphy, Jr.	of	Kissimmee, Florida
Thomas E. Haberfelde	of	Clermont, Florida
Abhijit Mahalanobis	of	Orlando, Florida
Robert R. Muise	of	Oviedo, Florida

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INVENTOR 1

Signature: \_\_\_\_\_  
**ROBERT J. MURPHY, JR.**

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

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
**ROBERT J. MURPHY, JR.**

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

STATE OF \_\_\_\_\_

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came the above-named **Robert J. Murphy, Jr.**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

INVENTOR 2

Signature: \_\_\_\_\_  
**THOMAS E. HABERFELDE**

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

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
**THOMAS E. HABERFELDE**

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

STATE OF \_\_\_\_\_

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came the above-named **Thomas E. Haberfelde**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)



INVENTOR 3

Signature: \_\_\_\_\_  
**ABHIJIT MAHALANOBIS**

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

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Printed Name of Witness

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\_\_\_\_\_  
**ABHIJIT MAHALANOBIS** Date: \_\_\_\_\_

STATE OF \_\_\_\_\_

ss.

COUNTY OF \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came the above-named **Abhijit Mahalanobis**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

*Seal*

\_\_\_\_\_  
(Notary Public)

INVENTOR 4

Signature: Robert R. Muise  
ROBERT R. MUISE

Date: 5/13/15

Witnessed by: Kenny Chen  
Signature

Date: 5/13/15

Kenny Chen  
Printed Name of Witness

Witnessed by: S. Robert Stanhill  
Signature

Date: 5/13/15

S. Robert Stanhill  
Printed Name of Witness

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\_\_\_\_\_  
ROBERT R. MUISE Date: \_\_\_\_\_

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

ss.

This \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came the above-named Robert R. Muise, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal \_\_\_\_\_  
(Notary Public)