### 503328105 05/29/2015

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3374723

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ROBERT J. MURPHY JR.	05/19/2015
THOMAS E. HABERFELDE	05/11/2015
ABHIJIT MAHALANOBIS	05/15/2015
ROBERT R. MUISE	05/13/2015

### **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:	14704440

### **CORRESPONDENCE DATA**

Fax Number:

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.

**Phone:** 407-926-7707 **Email:** Idavis@iplawfl.com

**Correspondent Name:**BEUSSE WOLTER SANKS & MAIRE, P.A. **Address Line 1:**390 N. ORANGE AVENUE, SUITE 2500

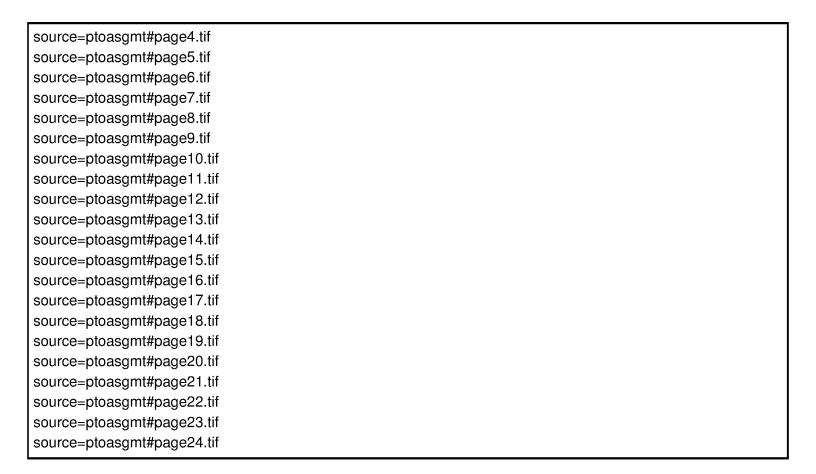
Address Line 4: ORLANDO, FLORIDA 32801

ATTORNEY DOCKET NUMBER:	MC-03594 (107)
NAME OF SUBMITTER:	TERRY M. SANKS
SIGNATURE:	/Terry M. Sanks/
DATE SIGNED:	05/29/2015

**Total Attachments: 24** source=ptoasgmt#page1.tif source=ptoasgmt#page2.tif source=ptoasgmt#page3.tif

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503328105



PATENT REEL: 035799 FRAME: 0809

### 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.

[X] 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

Page / of 6

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.

Page 2 of 6

INVENTOR 1		
Signature: ROBERT J. MI	hirms, dr. J	Date: <u>Moy 19, 2015</u>
Witnessed by:	nre	Date: <u>May 19, 201</u> 5
Printed Name	S Higgiess of Witness	
Witnessed by: Janua 2		Date: <u>5-79-2015</u>
<u>ĴŔME4 G</u> Printed Name	AAE R.C.) of Witness	
SECTION BELOW IS FO	R USE ONLY IF SI	IGNING IN PRESENCE OF A NOTARY
	Date:	
ROBERT J. MURPHY, JR	A.	
STATE OF		
COUNTY OF	88. 	
Robert J. Murphy, Jr., t	o me personally kr cknowledged to me	before me personally came the above-named nown as the individual who executed the that he/she executed the same of his/her own
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 SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: THOMAS E. HABERFELDE STATE OF COUNTY OF assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Page 4 of 6

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 SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: ABHIJIT MAHALANOBIS STATE OF SS. COUNTY OF This \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2015, before me personally came the above-named Abbijit 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)

Page 3 of 6

INVENTOR 4	<b>;</b>			
Signature:	OBERT R. MUISE	innaniumin.	Date:	
Witnessed by:	Signature	<u>.</u>	)#i4:	i
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Witnessed by:	Signature	77	)ate:	···········
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ROBERT R.	MUISE	Date:		
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Paga 6 of 6

### <u>ASSIGNMENT</u>

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,

[X] 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

Page 1 of 6

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 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 I			
Signature:RO	BERT J. MURPHY,	Date:	
Witnessed by:	Signature		
	Printed Name of Witness	5	
Witnessed by: (	Signature		
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	IURPHY, JR.	Date:	
STATE OF		SS.	
foregoing assig	urphy, Jr., to me p	ersonally known as tr edged to me that he/she	ersonally came the above-named the individual who executed the executed the same of his/her own
Seal		No	tary Public)

Page 2 of 6

INVENTOR 2	
Signature: THOMAS E. HABERI	Date: 7/11/15
Witnessed by:  Signature  Signature  Printed Name of Witnes	Date: <u>5/1//5</u>
Witnessed by:  Signature  Printed Name of Witnes	
SECTION BELOW IS FOR USE	ONLY IF SIGNING IN PRESENCE OF A NOTARY  Date:
THOMAS E. HABERFELDE	
STATE OF	SS.
Thomas E. Haberfelde, to me perso	2015, before me personally came the above-named onally known as the individual who executed the foregoing that he/she executed the same of his/her own free will for
Seal	(Notary Public)

INVENTOR 3			
Signature:ABHIJ	IIT MAHALANOBIS	Date:	
Witnessed by:	Signature	Date:	A
Prin	ted Name of Witness		
Witnessed by:	Signature	Date:	•••••
Prin	ted Name of Witness		
SECTION BELOV	V IS FOR USE ONLY IF	SIGNING IN PRESENCE	OF A NOTARY
ABHIJIT MAHAL	ANOBIS		
STATE OF COUNTY OF	SS.		
Abhijit Mahalanol	bis, to me personally know knowledged to me that he/s	i, before me personally car n as the individual who ex- he executed the same of his/	ecutea the toregoing
Seal		(Notary Public)	

INVENTOR 4		
Signature:R	OBERT 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. I	MUISE	Date;
STATE OF	SS	
assignment, wi	lay ofuise, to me personally less to me the acknowledged to me the rein set forth.	_, 2015, before me personally came the above-named mown as the individual who executed the foregoing at he/she executed the same of his/her own free will for
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Page 6 of 6

### 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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Page 1 of 6

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

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Page 2 of 6

INVENTOR 1			
Signature: ROBER	T J. MURPHY, JR.	Date:	
Witnessed by:	Signature	Date:	
Print	ed Name of Witness		
Witnessed by:	Signature	Date:	
Print	ed Name of Witness		
SECTION BELOW	IS FOR USE ONLY IF	SIGNING IN PRESENCE	OF A NOTARY
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foregoing assignmen	, Jr., to me personally	, before me personally cam known as the individual the that he/she executed the s	who executed the
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Page 3 of 6

INVENTOR 2			
Signature:T	HOMAS E. HABERFI	Date:	
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
Witnessed by:	Signature	Date:	<b></b>
	Printed Name of Witness		
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THOMAS F.	HABERFELDE	Date:	
STATE OF		S.	
Thomas E. Ha	no acknowledged to me	, 2015, before me personally came the ally known as the individual who executed that he/she executed the same of his/her ow	the foregoing
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Page 4 of 6

INVENTOR 3		
Signature: ABHIJIT MAHALAN	OBIS	Date: 5/15/2015
Witnessed by: Witnessed by: Signature	<u> </u>	Date: 5/15/2015
Chris Voi Printed Name of Witness	ta	
Witnessed by: <u>Zwlet-J71ic</u> Signature	10 in	Date: 5/15/2015
Robert Nic Printed Name of Witness		
SECTION BELOW IS FOR USE (	ONLY IF SIGN	ING IN PRESENCE OF A NOTARY
	Date:	
ABHLJIT MAHALANOBIS		
STATE OF		
	SS.	
COUNTY OF		
Abhijit Mahalanobis, to me person	ally known as	ore me personally came the above-named the individual who executed the foregoing ecuted the same of his/her own free will for
Seal		77 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7
		(Notary Public)

Page 5 of 6

INVENTOR 4	
Signature: ROBERT R. MUISE	Date:
ROBERT R. WOISE	
Witnessed by:Signature	Date:
Printed Name of Witnes	
Witnessed by:Signature	Date:
Signature  Printed Name of Witnes	
	ONLY IF SIGNING IN PRESENCE OF A NOTARY
ROBERT R. MUISE	Date:
STATE OF	SS.
COUNTY OF	
Robert R. Muise, to me personal	2015, before me personally came the above-name ly known as the individual who executed the foregoing that he/she executed the same of his/her own free will for
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Page 6 of 6

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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

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Page 2 of 6

INVENTOR 1			
Signature: RO	BERT J. MURPHY, JR		·········
Witnessed by:	Signature	Date:	minu.
	Printed Name of Witness		
Witnessed by:	Signature	Date:	
	Printed Name of Witness		
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ROBERT J. N	TURPHY, JR.	Date:	
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Seal	·	(Notary Public)	:

Page 3 of 6

INVENTOR 2		
Signature:	HOMAS E. HABERFELD	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	\$\$. 	
Thomas E. Hi assignment, wh	aberfelde, to me personally l	015, before me personally came the above-name nown as the individual who executed the foregoin e/she executed the same of his/her own free will foregoin.
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Page 4 of 6.

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Signature:	ABHIJIT MAHALANOBIS	Date:	
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Witnessed	by:	Date:	
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Page 3 of 6

INVENTOR 4	
Signature: //k-/ 1/, // ROBERT R. MUISE	Mic Date: 5/13/15
Witnessed by: Key C	
Printed Name of Witnes	es es
Witnessed by: 1. 1245	
S. Robert S. Printed Name of Witnes	
SECTION BELOW IS FOR USE	ONLY IF SIGNING IN PRESENCE OF A NOTARY
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ROBERT R. MUISE	
STATE OF	
COUNTY OF	SS.
Robert R. Muise, to me personal	. 2015, before me personally came the above-named ly known as the individual who executed the foregoing that he/she executed the same of his/her own free will for
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Page 6 of 6