PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MS DANIELA MOODY	04/20/2016
MR. BRENDT WOHLBERG	04/20/2016

RECEIVING PARTY DATA

Name:	LOS ALAMOS NATIONAL SECURITY, LLC	
Street Address:	LOS ALAMOS NATIONAL LABORATORY	
Internal Address:	LC/IP, MS A187	
City:	LOS ALAMOS	
State/Country:	NEW MEXICO	
Postal Code:	87545	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15134437

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1620.0033CIP	
NAME OF SUBMITTER:	MICHAEL A. LEONARD II	
SIGNATURE:	/Michael A. Leonard II/	
DATE SIGNED:	04/21/2016	

Total Attachments: 2

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PATENT REEL: 038338 FRAME: 0050 503792868

ASSIGNMENT

DOE S-133,374

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS,

- 1. Daniela Moody, a United States citizen, residing in Los Alamos, New Mexico, United States; and
- 2. Brendt Wohlberg, a United States citizen, residing in Los Alamos, New Mexico, United States,

hereby sell, assign and transfers to ASSIGNEE, Los Alamos National Security, LLC, a Delaware Limited Liability Company, having its statewide administrative offices located at Los Alamos National Laboratory, LC/IP, Los Alamos, New Mexico 87545, and the successors, assigns and legal representatives of the ASSIGNEE all of its rights, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention titled:

CLASSIFICATION OF MULTISPECTRAL OR HYPERSPECTRAL SATELLITE IMAGERY USING CLUSTERING OF SPARSE APPROXIMATIONS ON SPARSE REPRESENTATIONS IN LEARNED DICTIONARIES OBTAINED USING EFFICIENT CONVOLUTIONAL SPARSE CODING

and which is found in

(a) The U.S. Patent Application entitled as above and filed on an even date herewith

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNORS request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, Los Alamos National Security, LLC.

executed this		Signature of Inventor(s)
20 _{day of} April , 2	016	Delloody
J		Daniela Moody
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, and the state of	n 7 San W I W	Brendt Wohlberg

PATENT REEL: 038338 FRAME: 0051

ASSIGNMENT

DOE S-133,374

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS,

- 1. Daniela Moody, a United States citizen, residing in Los Alamos, New Mexico, United States; and
- 2. Brendt Wohlberg, a United States citizen, residing in Los Alamos, New Mexico, United States,

hereby sell, assign and transfers to ASSIGNEE, Los Alamos National Security, LLC, a Delaware Limited Liability Company, having its statewide administrative offices located at Los Alamos National Laboratory, LC/IP, Los Alamos, New Mexico 87545, and the successors, assigns and legal representatives of the ASSIGNEE all of its rights, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention titled:

CLASSIFICATION OF MULTISPECTRAL OR HYPERSPECTRAL SATELLITE IMAGERY USING CLUSTERING OF SPARSE APPROXIMATIONS ON SPARSE REPRESENTATIONS IN LEARNED DICTIONARIES OBTAINED USING EFFICIENT CONVOLUTIONAL SPARSE CODING

and which is found in

(a) The U.S. Patent Application entitled as above and filed on an even date herewith

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

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AND the ASSIGNORS request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, Los Alamos National Security, LLC.

executed this	Signature of Inventor(s)
day of , 2016	
,	Daniela Moody
20th day of April , 2016	<u>L. Walley</u>
	Brendt Wohlberg

PATENT REEL: 038338 FRAME: 0052

RECORDED: 04/21/2016