## 503627327 12/29/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3673957

SUBMISSION TYPE: NATURE OF CONVEYANCE:		1	NEW ASSIGNMENT				
		E	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE				
CONVEYING PARTY D	ΔΤΑ						
			Name				Execution Dat
SANDIA CORPORATION							11/16/2015
RECEIVING PARTY DA	тл						
Name:	1	U.S. DEPARTMENT OF ENERGY					
Street Address:		1000 INDEPENDNCE AVE., SW					
City:		WASHINGTON					
State/Country:	D.C.						
Postal Code:	20585						
PROPERTY NUMBERS	Total: 1	1					
Property Type		Number					
Property Type			Number				
Application Number:		14927(					
Application Number:		14927(					
Application Number: CORRESPONDENCE D	ΑΤΑ		066				
Application Number: CORRESPONDENCE D Fax Number:		(202)5	86-7127	t, if that is u		oocoful	it will be cont
Application Number: CORRESPONDENCE D	e sent to	(202)5 o the e-	066 86-7127 - <b>mail address firs</b>				
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p	e sent to	(202)5 o the e- d; if tha	066 86-7127 - <b>mail address firs</b>	l, it will be se			
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	e sent to	(202)55 o the e- d; if tha brenda	066 86-7127 -mail address firs at is unsuccessfu	l, it will be se			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if µ Email:	e sent to	(202)5 o the e- d; if tha brenda BRENI	066 86-7127 <b>-mail address firs</b> at is unsuccessfu a.banks@hq.doe.g	i <b>l, it will be se</b> lov			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Email: Correspondent Name:	e sent to	(202)5 o the e- d; if tha brenda BRENI 1000 II	066 86-7127 - <i>mail address firs</i> at is unsuccessfu a.banks@hq.doe.g DA K. BANKS	i <b>l, it will be se</b> ov AVE.			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Email: Correspondent Name: Address Line 1: Address Line 4:	e sent to	(202)55 o the e- d; if tha brenda BRENI 1000 II WASH	066 86-7127 - <i>mail address firs</i> at <i>is unsuccessfu</i> a.banks@hq.doe.g DA K. BANKS NDEPENDENCE	i <b>l, it will be se</b> lov AVE. 585			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Email: Correspondent Name: Address Line 1: Address Line 4: NAME OF SUBMITTER:	e sent to	(202)5 o the e- d; if tha brenda BRENI 1000 II WASH	066 86-7127 <i>mail address firs</i> <i>at is unsuccessfu</i> a.banks@hq.doe.g DA K. BANKS NDEPENDENCE NDEPENDENCE	i <b>i, it will be se</b> lov AVE. 585 KS			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if µ Email: Correspondent Name: Address Line 1:	e sent to	(202)55 <i>o the e-</i> <i>d; if tha</i> brenda BRENI 1000 II WASH	066 86-7127 <i>-mail address firs</i> at <i>is unsuccessfu</i> a.banks@hq.doe.g DA K. BANKS NDEPENDENCE NDEPENDENCE NDEPENDA K. BANK	i <b>i, it will be se</b> lov AVE. 585 KS			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Email: Correspondent Name: Address Line 1: Address Line 4: NAME OF SUBMITTER: SIGNATURE:	e sent to	(202)55 <i>o the e-</i> <i>d; if tha</i> brenda BRENI 1000 II WASH	066 86-7127 <i>-mail address firs</i> at <i>is unsuccessfu</i> a.banks@hq.doe.g DA K. BANKS NDEPENDENCE NDEPENDENCE NDEPENDENCE BRENDA K. BANK /Brenda K. Banks/	i <b>i, it will be se</b> lov AVE. 585 KS			
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Email: Correspondent Name: Address Line 1: Address Line 4: NAME OF SUBMITTER: BIGNATURE: DATE SIGNED:	e sent to	(202)55 o the e- d; if tha brenda BRENI 1000 II WASH	066 86-7127 <i>mail address firs</i> <i>at is unsuccessfu</i> a.banks@hq.doe.g DA K. BANKS NDEPENDENCE NDEPENDENCE INGTON, D.C. 20 BRENDA K. BANK /Brenda K. Banks/ 12/29/2015	n <b>i, it will be se</b> lov AVE. 585 KS			

## CONFIRMATORY LICENSE

Application for:	SUPERPIXEL EDGES FOR BOUNDARY DETECTION			
Inventors:	Mary M. Moya and Mark W. Koch			
Serial Number:	14/927,066			
Filing Date:	October 29, 2015			
Contract No.:	DE-AC04-94AL85000			
Contractor:	Sandia Corporation			

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract certified on January 9, 1996, governing patent rights in the Subject Invention at the time the invention was made, has been submitted to the U.S. Department of Energy.

The contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid up license to practice or have practiced for or on behalf of the United States the Subject Invention throughout the world. This license applies to the invention in the aboveidentified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Date: 1//1//5

<u>/\_\_\_\_</u> Kerry Kampschmidt

Senior Managing IP Counsel Legal Technology Transfer Center, 11500

If the invention was made under a subcontract, please identify the Prime Contractor:

Prime Contract No.

PATENT REEL: 037372 FRAME: 0358

**RECORDED: 12/29/2015**