

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>THOMAS J. LAMKIN</td> <td>10/31/2013</td> </tr> <tr> <td>UMESH ADIGA</td> <td>10/23/2013</td> </tr> <tr> <td>UES, INC.</td> <td>10/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	THOMAS J. LAMKIN	10/31/2013	UMESH ADIGA	10/23/2013	UES, INC.	10/23/2013				
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<table border="1"> <tr> <td>Name:</td> <td>GOVERNMENT OF THE UNITED STATES AS REPRESENTED BY THE SECRETARY OF THE AIR FORCE</td> </tr> <tr> <td>Street Address:</td> <td>2240 B. STREET</td> </tr> <tr> <td>Internal Address:</td> <td>BUILDING 11, AREA B</td> </tr> <tr> <td>City:</td> <td>WRIGHT-PATTERSON AFB</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>45433-7109</td> </tr> </table>		Name:	GOVERNMENT OF THE UNITED STATES AS REPRESENTED BY THE SECRETARY OF THE AIR FORCE	Street Address:	2240 B. STREET	Internal Address:	BUILDING 11, AREA B	City:	WRIGHT-PATTERSON AFB	State/Country:	OHIO	Postal Code:	45433-7109
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number:	(937)255-3733												
Phone:	937-255-2838												
Email:	afmclo.jaz.1@us.af.mil												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	DEPARTMENT OF THE AIR FORCE												
Address Line 1:	AFMC LO/JAZ												
Address Line 2:	BLDG 11, ROOM D18												
Address Line 4:	WRIGHT-PATTERSON AFB, OHIO 45433-7109												
ATTORNEY DOCKET NUMBER:	AFD 1284												
NAME OF SUBMITTER:	CHASTITY D. S. WHITAKER, PH.D.												

Signature:	/ Chastity DS Whitaker /
Date:	11/01/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3 source=14069434_Assignment#page1.tif source=14069434_Assignment#page2.tif source=14069434_Assignment#page3.tif	

**DECLARATION / ASSIGNMENT
(Inventor with Co-Inventors)**

WHEREAS, I, **Thomas J. Lamkin**, while employed by the Government of the United States, jointly made an invention with **Umesh Adiga** described in invention disclosure AFD 1284 entitled "SYSTEMS AND METHODS FOR PROCESSING LOW CONTRAST IMAGES", to be filed as an application for Letters Patent of the United States (Application serial number 14/069,434, filed 1 November 2013), and I hereby authorize and request AFMCLD/JAZ to insert here in the above parentheses (Application number, filed) the filing date and application number of said application when known;

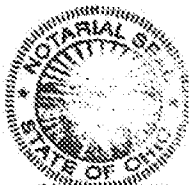
WHEREAS, The above-identified application for Letters Patent was made or authorized to be made by me;

WHEREAS, I believe that I am an original joint inventor of a claimed invention in the application;

WHEREAS, I hereby acknowledge that any willful false statement made in this Declaration/Assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both;

WHEREAS, the conditions under which said invention was made are such as to entitle the Government of the United States under Paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, **Thomas J. Lamkin**, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title and interest throughout the world in and to the aforesaid invention described in the aforesaid application for Letters Patent of the United States and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; I hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the Government of the United States, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by me had this Assignment not been made; and I do hereby also grant to the Government of the United States, as represented by the Secretary of the Air Force, the option to take the entire right, title and interest in the invention or all applications for Letters Patent thereon in all countries foreign to the United States in which the Government of the United States may file, or cause to be filed, applications for Letters Patent, without payment to me of any further consideration; provided, however, that this grant of an option to take foreign rights in the invention must be exercised by written notice to me within eight months of the filing date of any application for United States Letters Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to me subject to a nonexclusive, irrevocable, royalty-free license to the Government of the United States in any patent which may issue on said invention in any foreign country, including the power to issue sublicenses for use on behalf of the Government of the United States and/or in furtherance of the foreign policies of the United States of America; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.



CHASTITY D. S. WHITAKER
Attorney At Law
Notary Public, State of Ohio
My commission has no expiration date
Sec. 147.03 R.C.

Thomas J. Lamkin

SUBSCRIBED AND ACKNOWLEDGED before me by **Thomas J. Lamkin** this 31 day of October 2013, at the city of Wright Patterson AFB in the County of Montgomery and State of Ohio.

Notary Public

DECLARATION / ASSIGNMENT
(Inventor with Co-inventors)

WHEREAS, I, Umesh Adiga, while employed by UES, Inc. ("Contractor"), jointly made an invention with Thomas J. Lamkin under contract/subcontract number FA8650-10-C-6152 described in invention disclosure AFD 1284 entitled "SYSTEMS AND METHODS FOR PROCESSING LOW CONTRAST IMAGES", to be filed as an application for Letters Patent of the United States (Application serial number 14/069,434, filed 1 November 2013), and I hereby authorize and request AFMCLO/JAZ to insert here in the above parentheses (Application serial number, filed) the filing date and application number of said application when known;

WHEREAS, The above-identified application for Letters Patent was made or authorized to be made by me;

WHEREAS, I believe that I am an original joint inventor of a claimed invention in the application;

WHEREAS, I hereby acknowledge that any willful false statement made in this Declaration/Assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both; and

NOW, THEREFORE, to all whom it may concern, I, Umesh Adiga, in recognition of my obligation as an employee of the Contractor to assign inventions to the Contractor, and pursuant to the obligations of the Contractor to the Government of the United States under the above contract and by agreement, hereby assign to the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title, and interest throughout the world in and to each invention disclosed and claimed in the above application for Letters Patent, made jointly with Thomas J. Lamkin, employee(s) of the Government and Contractor, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof, subject to the reservation to the Contractor of any license to which the Contractor may be entitled under the above contract.

I agree to assist the Contractor and the Government of the United States, upon request, by furnishing any available information and documents, performing all acts, and doing all things which may be reasonably necessary to timely prepare, file and prosecute such applications, and make this assignment effective.

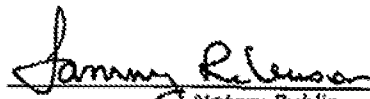
The Contractor joins in and agrees to this assignment and, except for the reservation of any license under the above contract, relinquishes and assigns to the Government of the United States, as represented by the Secretary of the Air Force their entire right, title, and interest throughout the world in and to such inventions, and further agrees to furnish to the Government of the United States, upon request, any available information and documents necessary for the timely preparation, filing, and prosecution of such applications, for Letters Patent.


Umesh Adiga

SUBSCRIBED AND ACKNOWLEDGED before me by Umesh Adiga this 23 day of October 2013, at the city of Bloomer in the County of Greene and State of Ohio.



TAMMY ROBINSON
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES FEBRUARY 5, 2018


Notary Public

CONTRACTOR CERTIFICATION:

I certify that I am an officer or agent of the Contractor herein; and that Umesh Adiga who signed this assignment on behalf of the Contractor was then an employee of said Contractor at the time of invention. The Contractor further herein assigns their rights as the employer of Umesh Adiga to the Government of the United States consistent with our rights and obligations under contract and statute, subject to the reservation to the Contractor of any license to which the Contractor may be entitled under the above contract or statute. This assignment is duly signed below by Contractor's Officer or Agent for and on behalf of said Contractor by authority of its governing body, and is within the scope of the Officer's or Agent's corporate powers.

FOR THE CONTRACTORContractor: UES, Inc.By: 
(Signature of officer or agent)Date: 23 Oct 2013Printed Name: Rick WeddleTitle: Director, ContractsBusiness Address: 4401 Dayton-Xenia RD Dayton OH 45424Business Phone: 937-426-6900 x 113