#### 502837634 06/04/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2884230

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
AMANDEEP SINGH	08/03/2011

#### **RECEIVING PARTY DATA**

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State/Country:	D.C.	
Postal Code:	20301-1400	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13198337

#### **CORRESPONDENCE DATA**

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	TA-3415
NAME OF SUBMITTER:	DIANE M. ROSE
SIGNATURE:	Diane M. Rose //s//
DATE SIGNED:	06/04/2014

#### **Total Attachments: 5**

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PATENT 502837634 REEL: 033029 FRAME: 0082

### RECORDATION FORM COVER SHEET PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies) 2. Name and address of receiving party(ies) Name: US Government as represented by the Secretary of the Army Amandeep Singh, Efstratios Nikolaidis, Zissimos P. Mourelatos, Oakland Internal Address: University and University of Toledo. Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance/Execution Date(s): Street Address: 1400 Defense Pentagon Execution Date(s)8/3/11,7/22/11,27 Jul 11 ★ Assignment Merger Security Agreement Change of Name Joint Research Agreement State: Washington, D.C. Government Interest Assignment Zip: 20301-1400 Country: USA Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Yes No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 13/198,337 Additional numbers attached? 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: Commander, US Army Legal Services Agency **7. Total fee** (37 CFR 1.21(h) & 3.41) \$ Internal Address: ATTN: JALS-IP Authorized to be charged to deposit account Enclosed Street Address: 901 North Stuart Street None required (government interest not affecting title) Suite 700 8. Payment Information City: Arlington State: VA **Zip**: 22203-1837 Phone Number: (5%) Deposit Account Number 19-2201 Fax Number: TA - 3415, Authorized User Name DAVID L. KUHN Email Address: rosed & Usiarmy, mil 9. Signature: Signature Total number of pages including cover DAVID L. KUHN, Reg. No. 30,957 sheet, attachments, and documents: Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## **ASSIGNMENT OF INVENTION**

For use of this form, see AR 27-60; the proponent agency is OTJAG

Amandeep Singh, Efstratios Nikolaidis and Zissimos P. Mourelatos  *Application Serial No.:  *Ja/198 337  *Date Oath Executed:  *Data not known at execution may be added for better identification.)  I (We), the undersigned inventor(s), in consideration of the rights of the Government of the United States acquired by virture of the circumstances under which the above-entitled invention was made, hereby:  1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation-in-part or division of said application and any reissue or extension of said Letters Patent.  2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application to patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.
*Filing Date:  (*Data not known at execution may be added for better identification.)  I (We), the undersigned inventor(s), in consideration of the rights of the Government of the United States acquired by virture of the circumstances under which the above-entitled invention was made, hereby:  1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.  2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.
(*Data not known at execution may be added for better identification.)  I (We), the undersigned inventor(s), in consideration of the rights of the Government of the United States acquired by virture of the circumstances under which the above-entitled invention was made, hereby:  1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation-in-part or division of said application and any reissue or extension of said Letters Patent.  2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.
(*Data not known at execution may be added for better identification.)  I (We), the undersigned inventor(s), in consideration of the rights of the Government of the United States acquired by virture of the circumstances under which the above-entitled invention was made, hereby:  1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation-in-part or division of said application and any reissue or extension of said Letters Patent.  2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.
the circumstances under which the above-entitled invention was made, hereby:  1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.  2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filled; provided that if the Government determines not to cause an application to be filled in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.
interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.  2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.
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3. Agree to provide any further information within my (our) knowledge and to execute any further decreases
3. Agree to provide any further information within my (our) knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.
Signature of Inventor:  (First name) (Middle Initial) (Last name)
(First name) (Middle Initial) (Last name)
Duty Address: 2541 Songbird Dr., Troy, Oakland County, Michigan 48085 (Locality) (County) (State)
Date: 6/3/20// Typed Name of Inventor: AMANDEEP SINGH
**********
State of: Michigan )
County of: Macomb ) SS
On the above date Amandeep Singh known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same as his own free act and deed.  DIANE M. ROSE
Notary Public, State of Michigan County of Macomb My Commission Expires Sep. 17, 2017 Acting in the County of MACOMB (Signature of notary public)
My Commission expires on 9/17/2017

DA FORM 2874-R, APR 1993

REPLACES DA FORM 2874-R, MAR 74, WHICH IS OBSOLETE.

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1 of 1

Pages

### ASSIGNMENT OF INVENTION(S)

The University of Toledo, an instrumentality of the State of Ohio, hereby assigns to the US Government, in the person of the Secretary of the Army, all rights title and interest in the following invention(s), except that The University of Toledo retains for itself an irrevocable, nonexclusive, nontransferable, non-sublicensable, and paid-up license for any patents related to the invention(s), applications for such patents, and any patents granted on such applications, and under any such patents which may issue as the result of any reissue, division or continuation thereof, together with corresponding foreign patents and foreign applications for such patents, to practice by or cause to be practiced for The University of Toledo throughout the world, any and all of the inventions thereunder, in the manufacture and use of any article or material, in the use of any method or process, and in the disposition of any article or material in accordance with law:

Title of Invention: System and Method for Importance Sampling Based Time-Dependent Reliability Prediction

University Inventor: <u>Efstratios Nikolaidis, Ph.D.</u>				
U.S. Patent No Not Applicable	Date	N/A		
Application Serial No Not Applicable _	Filing Date _	N/A		

- (b) No rights are granted or implied, by this assignment, to any other inventions or patents other than as provided above or by operation of law.
- (c) Nothing contained herein shall limit any rights which either the University or the US Government may have obtained by virtue of prior contracts or by operation of law or otherwise.

The undersigned represents that she or he has the authority to bind the University to all terms and conditions of this Assignment.

Date: July 22, 2011

Signature: Sun Signature:

Printed Name: Daniel R. Kory

Corporate Title: AVP, Technology Transfer,

University Name: The University of Toledo, Toledo, Ohio 43606



# Office of the Vice Provost for Grants, Contracts & Sponsored Research

Rochester, Michigan 48309-4401 (248) 370-2552 Fax: (248) 370-2973



July 28, 2011

Luis Miguel Acosta U.S. Army TACOM LCMC 6501 East 11 Mile Road AMSTA-LP/MS 281 Warren, MI 48397-5000

RE: Oakland University – Assignment of Invention to U.S. Army (W56HZV-04-2-0001), Mourelatos, Z.

Enclosed is the fully executed assignment of invention rights from Oakland University to the U.S. Army. If you require additional information, please contact me at (248) 370-3789.

Sincerely,

Kathryn N. Wrench

Director

Enclosure

File#: 32902/ Mourelatos

PATENT REEL: 033029 FRAME: 0086

#### **ASSIGNMENT OF INVENTION(S)**

(a) Oakland University hereby assigns to the US Government, in the person of the Secretary of the Army, all rights title and interest in the following invention(s), except that Oakland University retains for itself an irrevocable, nonexclusive, nontransferable, non-sublicensable, and paid up license for any patents related to the invention(s), applications for such patents, and any patents granted on such applications, and under any such patents which may issue as the result of any reissue, division or continuation thereof, together with corresponding foreign patents and foreign applications for such patents, to practice by or cause to be practiced for the Oakland University throughout the world, any and all of the inventions thereunder, in the manufacture and use of any article or material, in the use of any method or process, and in the disposition of any article or material in accordance with law:

# Title of Invention: System and Method for Importance Sampling Based Time Dependent Reliability Prediction

University Inventor(s): Zissimos Mourelatos
U.S. Patent No Not Applicable Date N/A
Application Serial No Not Applicable _ Filing Date N/A
(b) No rights are granted or implied, by this assignment, to any other inventions or patents other than as provided above or by operation of law.
(c) Nothing contained herein shall limit any rights which either the University or the US Government may have obtained by virtue of prior contracts or by operation of law or otherwise.
The undersigned represents that she or he has the authority to bind the University to all terms and conditions of this Assignment.
Date: July 27, 2011 Signature:
Printed Name: Brad Roth
Corporate Title: Interim Vice Provost for Research

University Name: Oakland University

RECORDED: 06/04/2014

PATENT REEL: 033029 FRAME: 0087