

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3122249

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PHILIP G. EVANS	05/07/2014
TRAVIS S. HUMBLE	05/07/2014
NATHANAEL R. PAUL	05/26/2014
RAPHAEL C. POOSER	05/12/2014
STACY J. PROWELL	05/07/2014
RECEIVING PARTY DATA	
Name:	UT-Battelle, LLC
Street Address:	One Bethel Valley Road
Internal Address:	4500N, MS-6258
City:	Oak Ridge
State/Country:	TENNESSEE
Postal Code:	37831-6258
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14052065
CORRESPONDENCE DATA	
Fax Number:	(865)574-0381
<i>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.</i>	
Phone:	(865) 574-4179
Email:	warfielde@ornl.gov
Correspondent Name:	COLIN L. CINI
Address Line 1:	ONE BETHEL VALLEY ROAD
Address Line 2:	4500N, MS-6258
Address Line 4:	OAK RIDGE, TENNESSEE 37831-6258
ATTORNEY DOCKET NUMBER:	2576.2
NAME OF SUBMITTER:	ELIZABETH WARFIELD
SIGNATURE:	/Elizabeth Warfield/
DATE SIGNED:	11/25/2014
Total Attachments: 7	

PATENT

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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) Philip G. Evans Stacy J. Prowell Travis S. Humble Nathanael R. Paul Raphael C. Pooser		2. Name and address of receiving party(ies) Name: <u>UT-Battelle, LLC</u> Internal Address: <u>4500N, MS-6258</u>	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>5/26/2014</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____		Street Address: <u>One Bethel Valley Road</u> City: <u>Oak Ridge</u> State: <u>TN</u> Country: <u>USA</u> Zip: <u>37831-6258</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>14/052,065</u> <div style="text-align: right;">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</div>		B. Patent No.(s)	
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Colin L Cini</u> Internal Address: <u>UT-Battelle, LLC</u> Street Address: <u>One Bethel Valley Road</u> <u>4500N, MS-6258</u> City: <u>Oak Ridge</u> State: <u>TN</u> Zip: <u>37831-6258</u> Phone Number: <u>(865) 574-4179</u> Fax Number: <u>(865) 574-0381</u> Email Address: <u>cinicl@ornl.gov</u>		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
9. Signature: _____ <div style="text-align: center;">/Colin L. Cini/ Signature</div> _____ Colin L. Cini, Reg. No. 51563 Name of Person Signing		8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>13-1958</u> Authorized User Name <u>Elizabeth Warfield</u>	
		Total number of pages including cover sheet, attachments, and documents: <div style="border: 1px solid black; padding: 2px; width: fit-content;"><u>7</u></div>	

ASSIGNMENT

WHEREAS, we the below-named inventors whose residences are as stated below, have an interest in an invention entitled:

System and Method for Key Generation in Security Tokens

(hereinafter referred to as "Subject Invention") for which are described in United States Patent Application No. 14/052,065 filed on October 11, 2013, and

WHEREAS, UT-BATTELLE, LLC, a limited liability company of the State of Tennessee, having an office at One Bethel Valley Road, P. O. Box 2008, Oak Ridge, Tennessee 37831-6258, hereinafter referred to as "ASSIGNEE," is desirous of acquiring our entire right, title and interest of the undersigned in the same;

NOW, THEREFORE, in accordance with the terms of our employment agreement with ASSIGNEE and for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to ASSIGNEE and its successors in interest our entire right, title and interest in the Subject Invention to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letters Patent on the Subject Invention that may be granted in the United States of America and in any and all foreign countries, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or patent applications therefor on the Subject Invention.

We hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to the ASSIGNEE.

Further, we hereby agree to communicate to said ASSIGNEE or its representatives any facts known to us respecting said Subject Invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said Subject Invention in the United States of America and in any and all foreign countries.

We further agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on us, our heirs, legal representatives, and assigns.

Name of Inventor: Philip G. Evans

Signature: P. Evans Date: 5/7/2014

Residence: 902 Morningside Drive, Knoxville, Tennessee 37915

Name of Inventor: Travis S. Humble

Signature: _____ Date: _____

Residence: 5435 Yosemite Trail, Knoxville, Tennessee 37909

Name of Inventor: Nathanael R. Paul

Signature: _____ Date: _____

Residence: 3139 Diamond Knot Circle, Tampa, Florida 33607

Name of Inventor: Raphael C. Pooser

Signature: _____ Date: _____

Residence: 705 Summit Lake Court, Knoxville, Tennessee 37922

Name of Inventor: Stacy J. Prowell

Signature: _____ Date: _____

Residence: 1165 Gilbert Station Lane, Knoxville, Tennessee 37932

Name of Inventor: **Philip G. Evans**

Signature: _____ Date: _____

Residence: 902 Morningside Drive, Knoxville, Tennessee 37915

Name of Inventor: **Travis S. Humble**

Signature: *Travis S. Humble* Date: 7 MAY 2014

Residence: 5435 Yosemite Trail, Knoxville, Tennessee 37909

Name of Inventor: **Nathanael R. Paul**

Signature: _____ Date: _____

Residence: 3139 Diamond Knot Circle, Tampa, Florida 33607

Name of Inventor: **Raphael C. Pooser**

Signature: _____ Date: _____

Residence: 705 Summit Lake Court, Knoxville, Tennessee 37922

Name of Inventor: **Stacy J. Prowell**

Signature: _____ Date: _____

Residence: 1165 Gilbert Station Lane, Knoxville, Tennessee 37932

Name of Inventor: **Phillip G. Evans**

Signature: _____ Date: _____

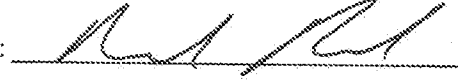
Residence: 902 Morningside Drive, Knoxville, Tennessee 37915

Name of Inventor: **Travis S. Humble**

Signature: _____ Date: _____

Residence: 5435 Yosemite Trail, Knoxville, Tennessee 37909

Name of Inventor: **Nathanael R. Paul**

Signature:  Date: May 26, 2014

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Name of Inventor: **Raphael C. Pooser**

Signature: _____ Date: _____

Residence: 705 Summit Lake Court, Knoxville, Tennessee 37922

Name of Inventor: **Stacy J. Prowell**

Signature: _____ Date: _____

Residence: 1165 Gilbert Station Lane, Knoxville, Tennessee 37932

Name of Inventor: **Philip G. Evans**

Signature: _____ Date: _____

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Name of Inventor: **Travis S. Humble**

Signature: _____ Date: _____

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Name of Inventor: **Nathanael R. Paul**

Signature: _____ Date: _____

Residence: 3139 Diamond Knot Circle, Tampa, Florida 33607

Name of Inventor: **Raphael C. Pooser**

Signature:  _____ Date: 5/12/2014

Residence: 705 Summit Lake Court, Knoxville, Tennessee 37922

Name of Inventor: **Stacy J. Prowell**

Signature: _____ Date: _____

Residence: 1165 Gilbert Station Lane, Knoxville, Tennessee 37932

Docket No. 2576.2

Name of Inventor: Phillip G. Evans

Signature: _____ Date: _____

Residence: 902 Morningside Drive, Knoxville, Tennessee 37915

Name of Inventor: Travis S. Humble

Signature: _____ Date: _____

Residence: 5435 Yosemite Trail, Knoxville, Tennessee 37909

Name of Inventor: Nathanael R. Paul

Signature: _____ Date: _____

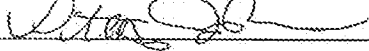
Residence: 3139 Diamond Knot Circle, Tampa, Florida 33607

Name of Inventor: Raphael C. Pooser

Signature: _____ Date: _____

Residence: 705 Summit Lake Court, Knoxville, Tennessee 37922

Name of Inventor: Stacy J. Prowell

Signature:  _____ Date: May 7, 2014

Residence: 1165 Gilbert Station Lane, Knoxville, Tennessee 37932