Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Off
PATEN	FORM COVER SHEET S-137,614
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
Name of conveying party(les)	2. Name and address of receiving party(ies)
SCHWEITZER ENGINEERING LABORATORIES, INC.	Name: United States Department of Energy
1	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes 7 3. Nature of conveyance/Execution Date(s): Execution Date(s) 11/09/2015 Merger	Street Address: 1000 Independence Ave., S.W.
Security Agreement Change of Name	City: Washington
Joint Research Agreement	State: D.C.
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: USA Zip: 20585
Other	Additional name(s) & address(es) attached? Yes V No
	B. Patent No.(s)
5. Name and address to whom correspondence concerning document should be mailed: Name: Michael J. Dobbs	6. Total number of applications and patents involved: 1
Internal Address: U. S. Dept. of Energy, IPLD	7. Total fee (37 CFR 1.21(h) & 3.41) \$
	Authorized to be charged by credit card Authorized to be charged to deposit account
Street Address: 9800 S. Cass Ave	Enclosed
	None required (government interest not affecting title)
City: Argonne	8. Payment Information
State: <u>IL</u> Zip:60439	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: 630-252-2164	
Fax Number: 630-252-2779	b. Deposit Account Number
Email Address: Confirmatory License @ablence.doe.gov	Authorized User Name
9. Signature: Signature	3/31/2016 / Date
Timothy Harney #38,174 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

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



Department of Energy Office of Science science, energy, gov/isc/services/legal/

CONFIRMATORY LICENSE

Title of Invention:

Network Reliability Assessment

Inventor(s):

Rhett Smith, Marc Ryan Berner, Jason A. Dearien, Josh Powers

Patent Application Serial No:

14/803.661

Filing Date 20 July 2015

Patent Number:

Issue Date: N/A

Name of Contractor (i.e. Contractor, Subcontractor, Grant, or Cooperative Agreement, as applicable): Name of Contractor: Schweitzer Engineering Laboratories, Inc.

DOE Contract No. (i.e. Contract, Subcontract, Grant, or Cooperative Agreement, as applicable):

DE-OE0000679

DOE Case No.: S-137,614

Contractor Docket No.: 14-026

The Contractor has reported the above-identified invention as a Subject Invention to DOE and has elected to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up, worldwide license in this subject invention, patent application and any resulting patent, including any continuation, divisional, reissue, or supplemental application thereof, to practice or to have practiced for or on behalf of the United States throughout the world; and of all other rights acquired by the Government by the patent rights clause in the above-identified contract.

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

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Contractor Name Schweitzer Engineering Laboratories, Inc.

Official's Name

David E. Whitehead

Official's Title

VP of Research and Development

Business Address

2350 NE Hopkins Court, Pullman, WA 99163

PATENT REEL: 038361 FRAME: 0711

Signed on: 09 Nov 2015

RECORDED: 04/04/2016