

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3554322

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
EDMUND O. SCHWEITZER III	10/01/2015
MANGAPATHIRAO VENKATA MYNAM	09/28/2015
ARMANDO GUZMAN-CASILLAS	09/28/2015
BOGDAN Z. KASZTENNY	09/30/2015
VESELIN SKENDZIC	09/30/2015
TONY J. LEE	09/28/2015
DAVID E. WHITEHEAD	10/01/2015
RECEIVING PARTY DATA	
Name:	SCHWEITZER ENGINEERING LABORATORIES, INC.
Street Address:	2350 NE HOPKINS COURT
City:	PULLMAN
State/Country:	WASHINGTON
Postal Code:	99163
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14856350
CORRESPONDENCE DATA	
Fax Number:	(509)336-7920
<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:	509-332-1890
Email:	IPMail@selinc.com
Correspondent Name:	SCHWEITZER ENGINEERING LABORATORIES, INC
Address Line 1:	2350 NE HOPKINS COURT
Address Line 4:	PULLMAN, WASHINGTON 99163-5603
ATTORNEY DOCKET NUMBER:	14-043.1
NAME OF SUBMITTER:	RICHARD M. EDGE
SIGNATURE:	/Richard M. Edge/
DATE SIGNED:	10/02/2015

Total Attachments: 5

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U.S. NATIONAL / INTERNATIONAL PCT APPLICATION
ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 14-043.1

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged,

Name(s) of Inventor(s); Conveying Party(ies):

Edmund O. Schweitzer, III, 330 NW Brandon Drive, Pullman, Washington 99163, United States
Mangapathirao Venkata Mynam, 1400 Lehman Court, Pullman, Washington 99163, United States
Armando Guzman-Casillas, 305 SW Prairie Court, Pullman, Washington 99163, United States
Bogdan Z. Kasztenny, 26 Sir Galahad Place, Markham, Ontario L3R 2H6, Canada
Veselin Skendzic, 2024 Serendipity Way, Schwenksville, Pennsylvania 19473, United States
Tony J. Lee, 1235 A SW Lost Trail Drive, Pullman, Washington 99163, United States
David E. Whitehead, 1130 SW Crestview, Pullman, Washington 99163, United States

maker(s) of an invention which is the subject of:

(check applicable boxes and enter serial number and date if available)

a ☒ United States National Application under 35 U.S.C. 111 *et seq.* and/or

a ☐ PCT International Application, identified by Application No. 14/856,350, and filed on 09/16/2015, entitled:

**FAULT DETECTION IN ELECTRIC POWER DELIVERY SYSTEMS USING UNDERREACH,
DIRECTIONAL, AND TRAVELING WAVE ELEMENTS**

(hereinafter "the Application(s)")

Schweitzer Engineering Laboratories, Inc., 2350 NE Hopkins Court, Pullman, WA 99163 is authorized to insert in parentheses (Application number 14/856,350, filed 09/16/2015), the filing date and application number of said application when known.

The undersigned hereby sell(s), assign(s), and set(s) over to Schweitzer Engineering Laboratories, Inc., a corporation of Washington (hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application(s) throughout the world, including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, all divisions, continuations and continuations-in-part of the Application, or reissues or extensions claiming priority to the Application, and any and all Letters Patent of the United States and of all other countries, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

IN WITNESS WHEREOF, I have executed this assignment this 1 day of October, 2015.

Edmund O. Schweitzer, III
Edmund O. Schweitzer, III

ACKNOWLEDGMENT

STATE OF Washington }
COUNTY OF Whitman } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 1 day of October, 2015.

Ashley Qualls
Notary Public

Ashley Qualls
Printed Name

ASHLEY QUALLS
Notary Public
State of Washington
My Commission Expires
November 21, 2018

My Commission Expires: 11-21-18

Resident of Latah County, Idaho

IN WITNESS WHEREOF, I have executed this assignment this 28 day of September, 2015.

Mangapathirao Venkata Mynam
Mangapathirao Venkata Mynam

ACKNOWLEDGMENT

STATE OF Washington }
COUNTY OF Whitman } SS:

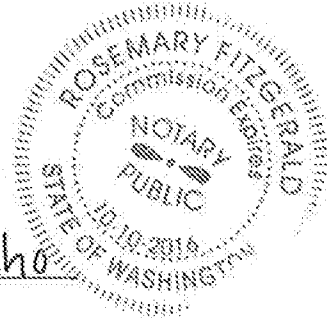
Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 28 day of September, 2015.

Rosemary Fitzgerald
Notary Public

Rosemary Fitzgerald
Printed Name

My Commission Expires: 10-10-2016

Resident of Latah County, Idaho



IN WITNESS WHEREOF, I have executed this assignment this 28 day of September, 2015.

Armando Guzman Casillas
Armando Guzman Casillas

ACKNOWLEDGMENT

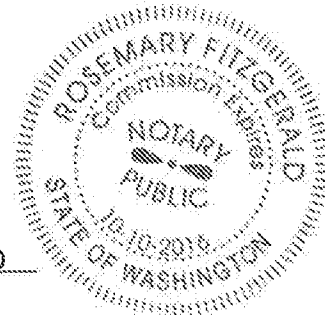
STATE OF Washington }
COUNTY OF Whitman } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 28 day of September, 2015.

Rosemary Fitzgerald
Notary Public

Rosemary Fitzgerald
Printed Name

My Commission Expires: 10-10-2016 Resident of Latah County, Idaho



IN WITNESS WHEREOF, I have executed this assignment this 30 day of SEP, 2015.

Bogdan Z. Kasztenny
Bogdan Z. Kasztenny

ACKNOWLEDGMENT

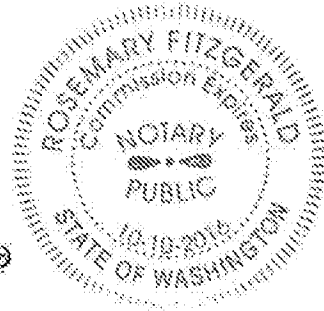
STATE OF Washington }
COUNTY OF Whitman } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 30 day of September, 2015.

Rosemary Fitzgerald
Notary Public

Rosemary Fitzgerald
Printed Name

My Commission Expires: 10-10-2016 Resident of Latah County, Idaho



IN WITNESS WHEREOF, I have executed this assignment this 30 day of SEPTEMBER, 2015.

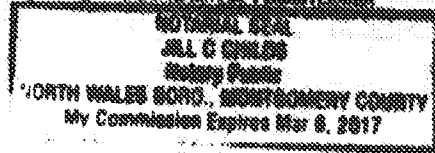
Veselin Skendzic
Veselin Skendzic

ACKNOWLEDGMENT

STATE OF Pennsylvania
COUNTY OF Montgomery SS:

Acknowledged before me, a Notary Public, within and for said County and North Wales, Pa and Notarial
Seal this 30th day of September, 2015.

Jill C. Childs
Notary Public
JILL CHILDS
Printed Name



My Commission Expires March 6, 2017 Resident of North Wales, Pa
Montgomery County

IN WITNESS WHEREOF, I have executed this assignment this 28 day of Sept, 2015.

Tony J. Lee

ACKNOWLEDGMENT

STATE OF Washington }
 } SS:
COUNTY OF Whitman }

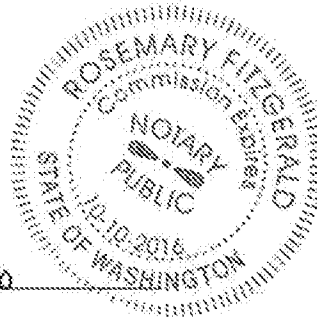
Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 28 day of Sept., 2015.

Notary Public

Printed Name: _____

My Commission Expires: 10-10-2016

Resident of Latah County, Idaho



IN WITNESS WHEREOF, I have executed this assignment this 18th day of October, 2015.

David E. Whitehead

ACKNOWLEDGMENT

STATE OF Washington }
COUNTY OF Whitman } SS:

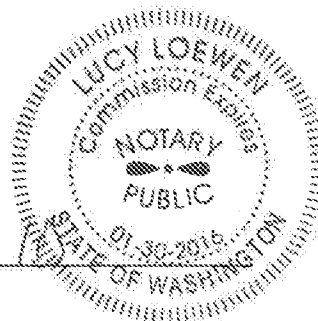
Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 10th day of October, 2015.

Notary Public

Printed Name _____

My Commission Expires: 1/30/16

Resident of Chesee



* * *