504962993 06/15/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEI HAO	06/12/2018

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:	16010044

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	18-014
NAME OF SUBMITTER:	RICHARD EDGE
SIGNATURE:	/Richard Edge/
DATE SIGNED:	06/15/2018

Total Attachments: 2

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PATENT 504962993 REEL: 046103 FRAME: 0332

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

Attorney Docket No.: 18-014

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, Name(s) of Inventor(s); Conveying Party(ies):

Kei Hao, 1172 SW Lost Trail Drive, Pullman, Washington 99163, USA

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 DPCT International Application, identified by Application No.	s and filed on	, entitled
FAULT MAGNITUDE CALCULATION DURING CURRENT TRANSFO	RMER SATURATION	
(hereinaster "the Application(s)")		
Schweitzer Engineering Laboratories, Inc., 2350 NE Hopkins Court, Pullman parentheses (Application number, filed), the filing data application when known.	n, WA 99163 is authoriz te and application numb	ted to insert in per of said

The undersigned hereby sell(s), assign(s), and set(s) over to <u>Schweitzer Engineering Laboratories</u>. Inc., a corporation of <u>Washinston</u> (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 Assignce 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 Assignce 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 execut	ed this assignment this <u>/2</u> day of <u>June</u> , 2018.	
	ACKNOWLEDGMENT	
STATE OF Washington} COUNTY OF Whitman		
Acknowledged before me, a Notary Publi Seal this 12 day of June, 2018. Notary Public Printed Name	c, within and for said County and State. Witness my	hand and Notarial
My Commission Expires: Qu 15 207	Q Resident of White Tay	WA State Onnermin

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