

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BENJAMIN JAMES HARVEY	03/25/2018
RECEIVING PARTY DATA	
Name:	QUANTA ASSOCIATES, L.P.
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17232732
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NAME OF SUBMITTER:	ELIZABETH GRAY
SIGNATURE:	/Elizabeth Gray/
DATE SIGNED:	12/07/2022
Total Attachments: 4	
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ASSIGNMENT

WHEREAS I, **BENJAMIN JAMES HARVEY**, having a postal address of 5363 - 273A Street, Langley, British Columbia, Canada V4W 3Z4 (hereinafter individually, the "Assignor"), am the sole inventor of certain inventions or improvements described, or described and claimed, in a yet to be filed United States Patent Application and a yet to be filed Canadian Patent Application (hereinafter the "Applications"), entitled:

METHOD AND APPARATUS FOR DETERMINING LINE SAG IN A CONDUCTOR SPAN

AND WHEREAS, **QUANTA ASSOCIATES, L.P.** (hereinafter the "Assignee"), having a postal address of Suite 2600, 2800 Post Oak Boulevard, Houston, Texas, USA 77056-6175 is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements, and said Applications, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

NOW THEREFORE, in consideration of the sum of ONE (\$1.00) DOLLAR and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the Assignor, do hereby sell, assign, transfer and set over to the Assignee, the following:

- a) the right to claim priority to any of:
 - i) the Applications, and
 - ii) any other patent applications that are referred to below in sub-paragraphs (b)(ii- iv) inclusive (hereinafter the "Related Applications");
- b) the entire right, title and interest in, to and under:
 - i) the said inventions and improvements, the Applications, and in and to any and all improvements thereto, and
 - ii) any and all patent applications directed to any of the said inventions and improvements, and any improvements thereto;
 - iii) any and all patent applications claiming priority from any of the Applications and patent applications referred to in this paragraph (b) including without limitation all foreign, national and regional phase entry patent applications, and
 - iv) any and all continuations, continuations-in-part, divisions, renewals of, substitutes or the like for any of the Applications and patent applications referred to in this paragraph (b), and
 - v) all Letters Patent that may be granted on or as a result of the Applications and Related Applications, and
 - vi) all reissues, reexaminations and extensions of said Letters Patent;

- c) the right to be granted a patent on, or as a result of, any of the Applications and Related Applications including without limitation the right to be granted a patent in Patent Cooperation Treaty contracting states; and
- d) any and all causes of action which may exist by reason of infringement of any of the foregoing, and any and all damages arising from past, present and future violations thereof.

AND I do hereby assign to and authorize the Assignee to file and prosecute in my name applications for Letters Patent for said inventions or improvements in Canada, the United States of America, and all other countries, or Patent Cooperation Treaty applications or other regional or national applications, the same to be granted to, and held and enjoyed by, the Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by the Assignor, had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey the entire interest hereby assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will, each time request is made by the Assignee and without undue delay or further compensation whether monetary or otherwise, execute and deliver in a timely manner all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said Applications, said Related Applications and said Letters Patent, in the Assignee, its successors, assigns, nominees or legal representatives, and I agree to communicate to the Assignee, or its nominees, all known facts respecting said inventions or improvements, said Applications, said Related Applications and said Letters Patent, and without further compensation whether monetary or otherwise, and in a timely fashion, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid the Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit, proper patent protection for said inventions or improvements in any and all countries, all at the expense, however, of the Assignee or its successors, assigns, nominees or legal representatives.

AND I hereby authorize and request the Commissioner of Patents of Canada and the United States, and any official of and any country or countries foreign to Canada or the United States whose duty it is to issue patents on applications as aforesaid, to issue to the Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, which may be issued and granted on or as a result of the Applications and applications aforesaid, in accordance with the terms of this Assignment.

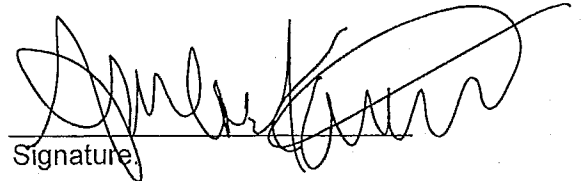
AND I hereby authorize and request the Assignee's patent agent/attorney, to insert here (United States Patent Application No. 17/232,732 filed 16 - APRIL - 2021), and (Canadian Patent Application No. _____ filed _____) the respective filing dates and application numbers of the said Applications when known. EAG

THIS Assignment may be executed in several counterparts, each of which will be deemed to be an original and all of which will together constitute one and the same instrument.

EXECUTED at FORT WORTH TEXAS, this 25 day of March, 2018.


BENJAMIN JAMES HARVEY

WITNESSED at FORT WORTH TEXAS, this 25 day of March, 2018.


Signature.

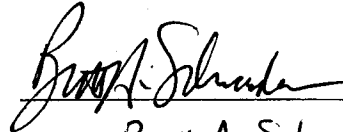
AMBER KATERS
Print witness name:

STATEMENT OF ACCEPTANCE

The foregoing Assignment is hereby accepted this 29th day of March, 2018.

QUANTA ASSOCIATES, L.P.

By its authorized signatory:

A handwritten signature in black ink, appearing to read "Brett A. Schrader", is written over a horizontal line.

Name: Brett A. Schrader

Title: Vice President