

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3705970

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| Name | | Execution Date |
| QUANTA SERVICES OF CANADA LTD | | 04/12/2010 |
| RECEIVING PARTY DATA | | |
| Name: | QUANTA SERVICES, INC. | |
| Street Address: | 1360 POST OAK BLVD. | |
| Internal Address: | SUITE 2100 | |
| City: | HOUSTON | |
| State/Country: | TEXAS | |
| Postal Code: | 77056 | |
| PROPERTY NUMBERS Total: 1 | | |
| Property Type | Number | |
| Patent Number: | 8585020 | |
| CORRESPONDENCE DATA | | |
| Fax Number: | (713)522-8889 | |
| <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: | 713-522-6565 | |
| Email: | mark@oathoutlaw.com | |
| Correspondent Name: | MARK A. OATHOUT | |
| Address Line 1: | 3701 KIRBY DR. | |
| Address Line 2: | SUITE 960 | |
| Address Line 4: | HOUSTON, TEXAS 77098 | |
| ATTORNEY DOCKET NUMBER: | PWR022 | |
| NAME OF SUBMITTER: | MARK A. OATHOUT | |
| SIGNATURE: | /Mark Oathout/ | |
| DATE SIGNED: | 01/21/2016 | |
| Total Attachments: 5 | | |
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CONFIRMATION OF ASSIGNMENT

WHEREAS, **Quanta Services of Canada Ltd.** (hereinafter called "Quanta Canada"), whose full post office address is 1360 Post Oak Boulevard, Suite 2100, Houston, Texas 77056 U.S.A. wished to sell, exchange, transfer, assign and convey all of its right, title and interest in and to the patents and patent applications listed on Exhibit "A" and Exhibit "B" hereto, as well as the trade secrets, know-how, design rights and copyright in items comprising and related to the subjects of the patents and patent applications including all choses in action related thereto and further including, but not limited to, any and all improvements, continuations, divisionals, continuations-in-part, patents or patent applications claiming priority therefrom, comprising any part thereof or based thereon, including, but not limited to, any patents that issue upon such patent applications prior to, from and after May 20, 2008 (collectively, the "Intellectual Property");

AND WHEREAS, **Quanta Services, Inc.**, whose full post office address is 1360 Post Oak Blvd., Suite 2100 Houston, Texas 77056 U.S.A. was desirous of acquiring the Intellectual Property;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties hereto:

Quanta Canada does hereby confirm that effective May 20, 2008 (the "Effective Date"), Quanta Canada did sell, exchange, transfer, assign and convey unto Quanta Services, Inc. all of the right, title and interest of Quanta Canada in and to the Intellectual Property.

Quanta Services, Inc. hereby confirms that it did on the Effective Date accept the Intellectual Property and all related rights of Quanta Canada in and to the Intellectual Property.


Quanta Canada does hereby confirm that it did on the Effective Date covenant and agree that it will from time to time, if requested by Quanta Services, Inc., its successors and assigns, do, execute, acknowledge and deliver, or cause to be done, executed and delivered to Quanta Services, Inc. or its successors or assigns, such and all further acts, transfers, assignments, deeds, powers and assurances of title, and additional papers and instruments, and cause to be done all acts or things as often as may be proper or necessary for better assuring, conveying, transferring and assigning all of the property then conveyed, transferred or assigned, and effectively to carry out the intent of such conveyance, transfer or assignment, and to vest in Quanta Services, Inc. the entire right, title and interest of Quanta Canada in and to all of the said property, and Quanta Canada will warrant and defend the same to Quanta Services, Inc., its successors and assigns, forever against all claims or demands whatsoever.

AND Quanta Canada hereby authorizes and requests the Commissioner of Patents of Canada and the United States, and any official of any country or countries foreign to Canada or the United States whose duty it is to issue patents on applications as

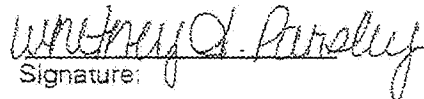
comprised in the Intellectual Property, to issue to Quanta Services, Inc., as assignee of all of Quanta Canada's right, title and interest in and to the Intellectual Property, any and all Letters Patent for said inventions or improvements, which may be issued and granted on or as a result of the applications aforesaid, in accordance with the terms of this Confirmation of Assignment.

EXECUTED at Houston, Texas, this 13th day of April, 2010.

Quanta Services of Canada Ltd.
by its authorized signatory:


Name: Derrick A. Jensen
Title: Vice President

WITNESSED at Houston, Texas, this 13th day of April, 2010 by:


Signature:

Whitney A. Parsley

Print name:

STATEMENT OF ACCEPTANCE

The foregoing Assignment is hereby accepted this 13th day of April, 2010.

Quanta Services, Inc.
by its authorized signatory:

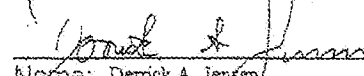

Name: Derrick A. Jensen
Title: Vice President & Chief Accounting Officer

EXHIBIT "A"

| Country | Application No. | Patent No. | Filing Date |
|---------|-------------------|------------|-------------|
| | | | |
| PCT | PCT/CA2007/000634 | | 16-May-2007 |

BALANCE OF EXHIBIT REDACTED

EXHIBIT "A"

| Country | Application No. | Patent No. | Filing Date |
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BALANCE OF EXHIBIT REDACTED

EXHIBIT "B"

| Country | Application No. | Patent No. | Filing Date |
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