

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2601301

SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT				
EFFECTIVE DATE:	05/20/2008				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>QUANTA SERVICES OF CANADA LTD.</td> <td>04/12/2010</td> </tr> </tbody> </table>		Name	Execution Date	QUANTA SERVICES OF CANADA LTD.	04/12/2010
Name	Execution Date				
QUANTA SERVICES OF CANADA LTD.	04/12/2010				
RECEIVING PARTY DATA					
Name:	QUANTA SERVICES, INC.				
Street Address:	1360 POST OAK BLVD., SUITE 2100				
City:	HOUSTON				
State/Country:	TEXAS				
Postal Code:	77056				
PROPERTY NUMBERS Total: 1					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14070555</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14070555
Property Type	Number				
Application Number:	14070555				
CORRESPONDENCE DATA					
Fax Number:	(250)707-5204				
Phone:	2507075250				
Email:	aedwards@horsepowerip.com				
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>					
Correspondent Name:	ANTONY C. EDWARDS				
Address Line 1:	206 -3500 CARRINGTON RD				
Address Line 4:	WESTBANK, BRITISH COLUMBIA V4T 3C1				
ATTORNEY DOCKET NUMBER:	ACE40838				
NAME OF SUBMITTER:	ANTONY C. EDWARDS				
Signature:	/Antony C. Edwards/				
Date:	11/03/2013				

OP \$40.00 14070555

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.

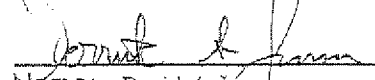
Quanta Canada does hereby confirm that it did on the Effective Date covenant and agree that it will from time to time, if requested by Quanta Services, Inc., its successors and assigns, do, execute, acknowledge and deliver, or cause to be done, executed and delivered to Quanta Services, Inc. or its successors 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

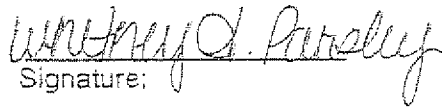
comprised in the Intellectual Property, to issue to Quanta Services, Inc., as assignee of all of Quanta Canada's right, title and interest in and to the Intellectual Property, any and all Letters Patent for said inventions or improvements, which may be issued and granted on or as a result of the applications 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/CA2007/000834		15-May-2007

BALANCE OF EXHIBIT REDACTED

EXHIBIT "A"

Country	Application No.	Patent No.	Filing Date
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PCT	PCT/CA2005/000909		2-Jun-2006
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BALANCE OF EXHIBIT REDACTED

EXHIBIT "S"

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