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To the Director of the United States F

he attached original documents or copy thereof.

1. Name of conveying party(ies):

PacifiCorp

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: January 4, 2007

2. Name and address of receiving party(ies):

Name: VRB Power Systems Inc.

Internal Address:

Street Address: 701 West Georgia Street, Suite 1645

City: Vancouver British Columbia, Canada V7Y 1C6
State: ZIP:Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Filing Date

B. Patent No.(s)

11/584,897

October 23, 2006

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John R. Thompson

Internal Address: STOEL RIVES LLP

One Utah Center

Street Address: 201 South Main Street, Suite 1100

City: Salt Lake City State: UT ZIP: 84111

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

502375

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

John R. Thompson

Name of Person Signing

Signature

January 11, 2007

Date

Total number of pages including cover sheet, attachments, and document:

4

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 018775 FRAME: 0362

Stoel Rives LLP
One Utah Center
201 South Main Street, Suite 1100
Salt Lake City, Utah 84111

ASSIGNMENT

PACIFICORP, of 825 NE Multnomah Street, Portland, Oregon, (hereinafter "PACIFICORP") has an ownership interest in invention(s), embodiments of which are described in a United States Application entitled SYSTEM AND METHOD FOR A SELF-HEALING GRID USING DEMAND SIDE MANAGEMENT TECHNIQUES AND ENERGY STORAGE, Serial No. 11/377,034, filed on March 16, 2006, in the United States Patent and Trademark Office (hereinafter "the Invention").

VRB POWER SYSTEMS INC., of 701 West Georgia Street, Suite 1645, Vancouver, British Columbia, V7Y 1C6, Canada, (hereinafter "the Assignee"), desires to secure the entire right, title and interest in and to the Invention, and in and to the Application and to any and all United States Letters Patents that may be granted and issued therefor.

For good and valuable consideration, the receipt and sufficiency of which PACIFICORP acknowledges, PACIFICORP HEREBY HAS ASSIGNED AND DOES ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in the Invention in the Application, and in the Application and all divisions, continuations and continuations-in-part of the Application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and Foreign countries.

The right to file foreign patent applications on the Invention in its own name, wherever such right may be legally exercised, including the right to claim

the benefits of the International Convention for the Protection of Industrial Property for such applications.

PACIFICORP authorizes and requests the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on the Invention to the Assignee as the owner of the entire interest, for the sole use and benefit of the Assignee, its successors, assignees and legal representatives.

PACIFICORP will, without further consideration and without expense to the Assignee, sign all lawful papers and to perform all other lawful acts which the Assignee may request of PACIFICORP to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on the Invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of PACIFICORP'S ability in the execution of all lawful documents, the production of evidence or testimony, nullification, reissue, reexamination, interference, extension, or infringement proceedings and any and all pre- and post-grant proceedings be they domestic or foreign involving the Invention.

This assignment and agreement shall be binding upon PACIFICORP heirs and legal representatives.

DATED this 4th day of January, 2007.

PACIFICORP

Name: Alfredo

Title: President, Rocky Mtn Power

825 NE Multnomah Street
Portland, Oregon 97232

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Bradley R. Williams et al.**

Docket No.

61018/3.39

Application No.

11/584,897

Filing Date

October 23, 2006

Examiner

Customer No.

32642

Group Art Unit

2863

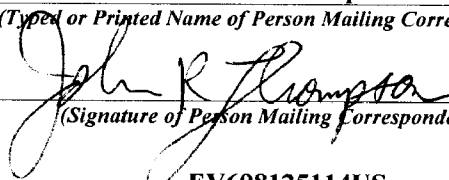
Invention:

SYSTEM AND METHOD FOR A SELF-HEALING GRID USING DEMAND SIDE MANAGEMENT TECHNIQUES AND ENERGY STORAGE

I hereby certify that the following correspondence:

Recordation Form Cover Sheet (1 pg.); Assignment (3 pgs.); PTO-2038 Credit Card Payment Form in the amount of \$40.00; postcard.*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

January 11, 2007*(Date)***John R. Thompson***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EV698125114US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**