PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
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| NATURE OF CONVEYANCE: | ASSIGNMENT |
| SEQUENCE: | 1 |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| MASOOD PARVANIA | 11/09/2018 |
| ROOHALLAH KHATAMI | 11/09/2018 |

RECEIVING PARTY DATA

| Name: | UNIVERSITY OF UTAH | |
|-----------------|------------------------------|--|
| Street Address: | 615 ARAPEEN DRIVE, SUITE 310 | |
| City: | SALT LAKE CITY | |
| State/Country: | UTAH | |
| Postal Code: | 84108 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15925760 |

CORRESPONDENCE DATA

Fax Number: (801)328-1707

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.

Phone: 8015339800

Email: jstringham@wnlaw.com **Correspondent Name:** JOHN C. STRINGHAM

Address Line 1: 60 EAST SOUTH TEMPLE, SUITE 1000

Address Line 4: SALT LAKE CITY, UTAH 84111

| ATTORNEY DOCKET NUMBER: | 6300.426.1 | |
|-------------------------|----------------------------|--|
| NAME OF SUBMITTER: | JOHN C. STRINGHAM | |
| SIGNATURE: | /John C. Stringham, 40831/ | |
| DATE SIGNED: | 03/04/2019 | |

Total Attachments: 3

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PATENT 505356749 REEL: 048496 FRAME: 0100

WHEN RECORDED RETURN TO:

PATENT APPLICATION
Docket: 6300.426.1

WORKMAN NYDEGGER 60 East South Temple, Suite 1900 Salt Lake City, Utah 84111 (801) 328-1707 - Facsimile

ASSIGNMENT

We.

- (1) Masood Parvania 1960 Wasatch Drive Salt Lake City, Utah 84108
- (2) Roohallah Khatami 50 South Central Campus Dr., Rm 1232 Salt Lake City, Utah 84112

have invented a method and apparatus entitled SYSTEMS ANS METHODS FOR MANAGING POWER GENERATION AND STORAGE RESOURCES hereinafter called the "invention".

Preferred embodiments of said invention are disclosed in a United States patent application executed heretofore and now identified as File No. 6300.426.1 of the law firm of Workman Nydegger, 60 East South Temple, Suite 1000, Salt Lake City, Utah 84111, and filed in the United States Patent and Trademark Office as Serial No. 15/925,760 on March 19, 2018.

The Assignee, the University of Utah, an institution of higher education in the State of Utah, having a principal place of business at 615 Arapeen Drive, Suite 310, Salt Lake City, Utah 84108, desires to secure the entire right, title and interest in said invention.

In consideration of One Dollar (\$1,00) and other good and valuable consideration paid to us by the Assignee, the receipt and sufficiency of which we hereby acknowledge, we HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said invention in the above-identified United States patent application and in all applications claiming the benefit thereof or priority thereto and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications which may be 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 said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

PATENT REEL: 048496 FRAME: 0101 All claims for damages and all of the remedies arising out of any infringement of the invention or the above-identified United States patent application which may have accrued prior to the date of this assignment or may accrue, including, but not limited to, the right to sue for and collect and retain damages for past infringements of the invention or the above-identified United States patent applications.

We hereby authorize and request 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 said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us 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 said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

| Dated this 9 day of Novemb | <u>ser</u> , 2018. | |
|---|---------------------------|--|
| | Roohallah Khatami | |
| STATE OF) | | |
| COUNTY OF | | |
| On, 20, before me personally appeared Roohallah Khatami known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein. | | |
| | NOTARY PUBLIC Residing at | |
| My Commission Expires: | | |

PATENT REEL: 048496 FRAME: 0103

RECORDED: 03/04/2019