

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4550533

|                                                                                                                                                                                                 |                                                            |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                                             |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                                                 |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                                            |                       |
|                                                                                                                                                                                                 | <b>Name</b>                                                | <b>Execution Date</b> |
|                                                                                                                                                                                                 | BAMDAD BAHAR                                               | 08/11/2017            |
|                                                                                                                                                                                                 | WILLIAM PARMELEE                                           | 08/11/2017            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                                            |                       |
| <b>Name:</b>                                                                                                                                                                                    | XERGY LTD                                                  |                       |
| <b>Street Address:</b>                                                                                                                                                                          | 84B CASTELNAU                                              |                       |
| <b>City:</b>                                                                                                                                                                                    | LONDON                                                     |                       |
| <b>State/Country:</b>                                                                                                                                                                           | ENGLAND                                                    |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | SW13 9DH                                                   |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                                            |                       |
|                                                                                                                                                                                                 | <b>Property Type</b>                                       | <b>Number</b>         |
|                                                                                                                                                                                                 | Application Number:                                        | 15403299              |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                                            |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (888)253-9256                                              |                       |
| <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> |                                                            |                       |
| <b>Phone:</b>                                                                                                                                                                                   | 443-907-8019                                               |                       |
| <b>Email:</b>                                                                                                                                                                                   | ahobson@invention-to-patent.com                            |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | ALEX HOBSON                                                |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | P.O. BOX 31106                                             |                       |
| <b>Address Line 2:</b>                                                                                                                                                                          | INVENTION TO PATENT SERVICES                               |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | FLAGSTAFF, ARIZONA 86003                                   |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | ITP/498                                                    |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | ALEX HOBSON                                                |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Alex Hobson/                                              |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 08/15/2017                                                 |                       |
|                                                                                                                                                                                                 | This document serves as an Oath/Declaration (37 CFR 1.63). |                       |
| <b>Total Attachments: 2</b>                                                                                                                                                                     |                                                            |                       |
| source=Dec-Assignment-ITP498#page1.tif                                                                                                                                                          |                                                            |                       |
| source=Dec-Assignment-ITP498#page2.tif                                                                                                                                                          |                                                            |                       |

**DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN  
APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT**

Title of Invention: Advanced Metal Hydride Heat Transfer System Utilizing An Electrochemical Hydrogen Compressor

As one of the below named inventors, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

[ X ] United States application or PCT international application number: 15403299

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor and/or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, the undersigned inventor(s) (hereinafter "Assignor"), has/have made an invention entitled "Advanced Metal Hydride Heat Transfer System Utilizing An Electrochemical Hydrogen Compressor" disclosed in the above-identified patent application and further identified by the Docket Number provided in the header of this document, and

WHEREAS, Xergy LTD (hereinafter "Assignee"), a company organized and existing under and by virtue of the laws of the United Kingdom having an address of 84B Castelnau, London, UK, SW13 9DH is desirous of acquiring the entire right, title and interest in and to the aforesaid invention, application and all Letters Patent of the United States or any foreign country, including continuations, continuations-in-part, reissues, reexaminations, extensions, substitutes, and divisions which may be granted therefor;

NOW THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said Assignor, by these presents do sell, assign and transfer unto Assignee, its successors, legal representatives and assigns, the full and exclusive right in and to the said invention as described in the said application, and in and to any Letters Patent of the United States or any foreign country, including continuations, continuations-in-part, reissues, reexaminations, extensions, substitutes, and divisions which may be granted therefor and all rights to claim priority on the basis of said application; and I further grant to Assignee the sole right to sue and collect damages for past infringement;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks or any other proper officer or agency of any country to issue all said Letters Patent to said Assignee;

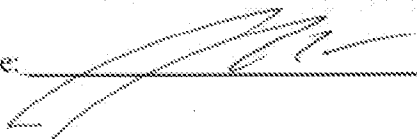
AND I HEREBY warrant and covenant that I have the full right to convey the entire interest herein

assigned and that I have not executed and will not execute any instrument or assignment in conflict herewith;

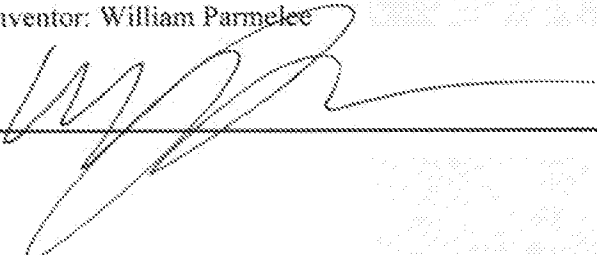
AND I HEREBY authorize the patent attorney or patent agent filing this application to fill in the application number on this Assignment subsequent to filing for the purposes of recording the assignment;

AND I HEREBY agree to communicate to said Assignee or its representatives any facts known to me respecting said invention, to execute all divisional, continuation, reissue, reexamination, extension, substitute, and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to said invention, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors, legal representatives or assigns, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said Assignee to obtain and enforce said Letters Patent in the United States or any foreign country when requested so to do by said Assignee.

(1) Legal Name of Inventor: Bamdad Bahar

Signature:  Date: 8/11/17

(2) Legal Name of Inventor: William Parmelee

Signature:  Date: 8/11/17