

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4679834

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SEOUNG-BUM SON	04/29/2015
YUFENG ZHAO	04/10/2015
CHUNMEI BAN	04/10/2015
DANIEL RUDDY	04/09/2015
PHILIP A. PARILLA	04/10/2015
RECEIVING PARTY DATA	
Name:	ALLIANCE FOR SUSTAINABLE ENERGY, LLC
Street Address:	15013 DENVER WEST PARKWAY
City:	GOLDEN
State/Country:	COLORADO
Postal Code:	80401
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15806842
CORRESPONDENCE DATA	
Fax Number:	(303)384-7499
<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:	3033847571
Email:	IPDOCKETING@NREL.GOV
Correspondent Name:	ALLIANCE FOR SUSTAINABLE ENERGY, LLC
Address Line 1:	15013 DENVER WEST PARKWAY
Address Line 4:	GOLDEN, COLORADO 80401
ATTORNEY DOCKET NUMBER:	NREL 13-53A
NAME OF SUBMITTER:	REINA R. BERNFELD
SIGNATURE:	/REINA R. BERNFELD/
DATE SIGNED:	11/08/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 3	

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ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63
(For Use with Signed Application Data Sheet)

Title of Invention:

Magnesium-Based Methods, Systems, and Devices

This assignment and declaration are directed to (check one):

- ☐ the application identified above by the attorney docket no. and title of invention
☐ PCT International Application Number _____, filed _____
☒ United States Application No. 14/685,428, filed April 13, 2015

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below-named inventor I have sold and assigned, and by these presents hereby sell and assign, unto:

Name of Assignee: Alliance for Sustainable Energy, LLC

Address of Assignee: 15013 Denver West Parkway, Golden, CO 80401

(hereinafter ASSIGNEE) all my right, title and interest in and to the above-identified invention in any form or embodiment thereof, in the United States and all foreign countries, including applications for patents in the United States and all countries of the world and through the Patent Cooperation Treaty and/or the European Patent Convention, including any and all applications claiming priority thereto such as divisions or continuations thereof, and in and to any and all patents granted in the United States and all countries of the world that may issue on any such applications or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents may be granted as fully and entirely as would have been held and enjoyed by me had this Assignment not been made.

I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent of the United States to said ASSIGNEE, its successors, or assigns in accordance herewith.

I warrant and covenant that I have the full and unencumbered right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.

I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all patents that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing patents for said invention.

DECLARATION

As a below named inventor, I hereby declare that:

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

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

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.

Signature:

Inventor: Seoung-Bum Son

DATE

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Address of Assignee: 15013 Denver West Parkway, Golden, CO 80401

(hereinafter ASSIGNEE) all my right, title and interest in and to the above-identified invention in any form or embodiment thereof, in the United States and all foreign countries, including applications for patents in the United States and all countries of the world and through the Patent Cooperation Treaty and/or the European Patent Convention, including any and all applications claiming priority thereto such as divisions or continuations thereof, and in and to any and all patents granted in the United States and all countries of the world that may issue on any such applications or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents may be granted as fully and entirely as would have been held and enjoyed by me had this Assignment not been made.

I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent of the United States to said ASSIGNEE, its successors, or assigns in accordance herewith.

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I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all patents that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing patents for said invention.

DECLARATION

As a below named inventor, I hereby declare that:

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

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

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.

Signature:

Inventor:

Yufeng Zhao

4/10/2015
DATE

PATENT

REEL: 044073 FRAME: 0231

NREL 13-53

Worldwide Rights

Signature:

Inventor:



Chunmei Ban

4/10/15

DATE

Signature:

Inventor:



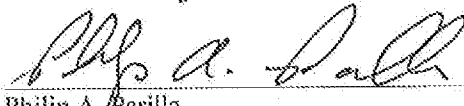
Daniel Ruddy

4/9/2015

DATE

Signature:

Inventor:



Philip A. Parilla

4/10/15

DATE

PATENT

RECORDED: 11/08/2017

REEL: 044073 FRAME: 0232