PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HOSSEIN PIROUZ KAVEHPOUR	09/08/2016
HAMARZ ARYAFAR	09/08/2016
ARIANA THACKER	09/08/2016
MOHAMMAD JANBOZORGI	09/08/2016
SAMMY HOUSSAINY	09/08/2016
WALID ISMAIL	09/08/2016

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
Street Address:	1111 FRANKLIN STREET
Internal Address:	TWELFTH FLOOR
City:	OAKLAND
State/Country:	CALIFORNIA
Postal Code:	94607

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15757341

CORRESPONDENCE DATA

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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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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NAME OF SUBMITTER:	LORI A. LEWIS
SIGNATURE:	/Lori A. Lewis/
DATE SIGNED:	03/19/2018

504826653 PATENT REEL: 045279 FRAME: 0526

Total Attachments: 2

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PATENT REEL: 045279 FRAME: 0527

ASSIGNMENT

(conversion of 2016-097-1-LA)

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS,

Hossein Pirouz Kavehpour, Hamarz Aryafar, Ariana Thacker, Mohammad Innbozorgi, and Sammy Houssainy

hereby sell, assign and transfer to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

LOW-COST HYBRID ENERGY STORAGE SYSTEM

and which are found in International Patent Application Serial No. PCT/VS2016/0508/Affled on September 8, 2016, and listing the above named persons as inventors

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNORS hereby agree that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment serial number of said application when officially known.

AND the <u>ASSIGNORS</u> request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this	Signature of Inventors		
E day of September, 2016	Hossein Pirouz	Kavehpour	
3 day of 5(1) 10m 2016	Alamay I yamara Aryata	Aryadov	
8 day of September, 2016	A Johann Baseker	2	
08 day of September 2016	<u>A Ja</u> Mohammad Jar	weless with the second	
8 day of <u>September</u> , 2016	Sammy Houssa		
Assigner hereby accepts this Assignment:			
Lie Salan	Agent for Assignee	5 Sep-16	
Name: Ryan E. Doğge, R	Title	Date	

PATENT REEL: 045279 FRAME: 0528

ASSIGNMENT

(conversion of 2016-097-1-LA)

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR,

Walid Ismail

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of his right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

LOW-COST HYBRID ENERGY STORAGE SYSTEM

and which are found in International Patent Application Serial No. PCVVSZOW/ 050×19., filed on September 8, 2016, and listing the above named person as inventor.

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment serial number of said application when officially known.

AND the <u>ASSIGNOR</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

Marie Marie

Signature of Inventor

8th day of September 2016

Walid Ismail

Assignee hereby accepts this Assignment:

Name: Ryan E. Dodge, Jr.

Agent for Assignee

Title

8-500-16

Date

PATENT REEL: 045279 FRAME: 0529

RECORDED: 03/19/2018