PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSEPH JOHANNES HENRICUS PIJPERS	03/25/2016

RECEIVING PARTY DATA

Name:	LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC	
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State/Country:	MARYLAND	
Postal Code:	20817-1877	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15143344

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ATTORNEY DOCKET NUMBER:	086735-0425
NAME OF SUBMITTER:	MARK J. ITRI, REG. NO. 36,171
SIGNATURE:	/Mark J. Itri/
DATE SIGNED:	05/02/2016

Total Attachments: 1

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PATENT 503808899 REEL: 038595 FRAME: 0476

Docket No.: 086735-0425

ASSIGNMENT

WHEREAS Undersigned, Joseph Johannes Henricus PUPERS of 21 Granville Road #2. Cambridge, Massachusetts 02138 has made a certain invention as set forth in an application for United States Letters Patent, entitled THREE-CHAMBER ELECTROCHEMICAL BALANCING CELLS FOR SIMULTANEOUS MODIFICATION OF STATE OF CHARGE AND ACIDITY WITHIN A FLOW BATTERY, filed on April 29, 2016, and identified by United States Patent Application No. 15/143,344, and Undersigned authorizes and requests the practitioners of McDermott Will & Emery LLP to insert the filing date and application number of the application, when known;

AND WHEREAS, LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC ("Assignee"), a corporation of Maryland and having an address of 6801 Rockledge Drive, Bethesda, Maryland 20817-1877, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor:

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Undersigned does hereby sell, assign, transfer and set over unto Assignee the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any non-provisional, continuations, continuations-in-part, divisions, reissues, re-examinations, and extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, Undersigned hereby agrees with Assignee that Undersigned will not execute any writing or do any act whatsoever conflicting with these presents, and that Undersigned will, at any time upon request, without further or additional consideration but at the expense of Assignee, execute such additional assignments and other writings and do such additional acts as Assignee may deem necessary or desirable to perfect Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, non-provisional, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States and of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of the assignor and assignee; AND Assignee may at its sole discretion assign its right, title and interest or any portion thereof to its legal representatives, successors, and assigns;

AND Undersigned requests the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

03/25/2016

Joseph Johannes Henricus PIJPERS

Date

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