

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEVEN SELVERSTON	05/07/2019
JESSE WAINRIGHT	05/22/2019
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16347372
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<b>ATTORNEY DOCKET NUMBER:</b>	12166-00165
<b>NAME OF SUBMITTER:</b>	ROBERT C. BARAONA
<b>SIGNATURE:</b>	/Robert C. Baraona/
<b>DATE SIGNED:</b>	08/29/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 3</b>	
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For applications filed under AIA  
(on or after September 16, 2012)

Title: "ZINC-IRON FLOW BATTERY"  
MH Ref No.: 12166-00165

**DECLARATION AND ASSIGNMENT  
FOR U.S. UTILITY OR DESIGN PATENT APPLICATION**

Attorney Docket No.: 12166-00165

**As a below-named inventor, I hereby declare that:**

This declaration is directed to the application entitled:

ZINC-IRON FLOW BATTERY

**(TITLE)**

(check only one item below)

attached hereto,

**OR**

For which U.S. Patent Application No. 16/347,372 was filed on May 3, 2019; which is a 35 U.S.C. 371 national stage filing of PCT Application No. PCT/US2017/059888 filed on November 3, 2017, which claims priority to United States Provisional Patent Application Serial No. 62/417,761, filed on November 4, 2016; and any subsequent applications filed in connection with the above invention (the "Patent").

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 above-identified 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.

WHEREAS, CASE WESTERN RESERVE UNIVERSITY, having a place of business at 10900 Euclid Avenue, Cleveland, Ohio 44106, United States of America, hereinafter referred to as "Assignee," is desirous of acquiring the entire right, title and interest in and to the Patent;

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under the Patent, improvements and inventions and all patents, patent applications, patent rights, and inventors' certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to


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sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, all applications therefor, and all rights of priority resulting from the filing of said applications, have been and are hereby sold, assigned, transferred, and delivered unto Assignee, its successors and assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at Assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in Assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to Assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to Assignee as owner of the entire right, title and interest in, to, and under the same.

THIS DECLARATION AND ASSIGNMENT, has been executed below by the undersigned:

**Legal Name of Inventor: Steven Selverston**

Signature of Inventor: 

Date: 5/7/2019

Signatures of additional inventors on attached sheet(s)

**Notice to Inventor(s):** You should not execute this Declaration unless you have reviewed and understand the contents of the above-identified application, including the claims.

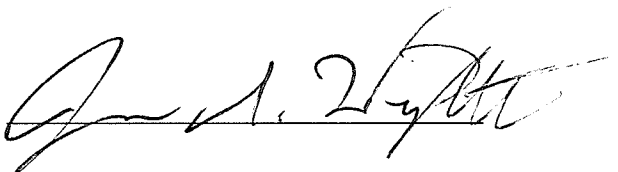
**Notice to Inventor(s):** You have a duty disclose to the USPTO all information known to you to be material to patentability as defined in 37 CFR 1.56 during prosecution of the Patent.

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(on or after September 16, 2012)

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MH Ref No.: 12166-00165

THIS DECLARATION AND ASSIGNMENT, has been executed below by the undersigned:

**Legal Name of Inventor: Jesse Wainright**

Signature of Inventor: 

Date: 5/22/2019

Signatures of additional inventors on attached sheet(s)

**Notice to Inventor(s):** You should not execute this Declaration unless you have reviewed and understand the contents of the above-identified application, including the claims.

**Notice to Inventor(s):** You have a duty disclose to the USPTO all information known to you to be material to patentability as defined in 37 CFR 1.56 during prosecution of the Patent.