

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SALIENT ENERGY INC.	12/13/2018
RECEIVING PARTY DATA	
Name:	THE UNIVERSITY OF WATERLOO
Street Address:	200 UNIVERSITY AVENUE WEST
City:	WATERLOO
State/Country:	CANADA
Postal Code:	N2L 3G1
PROPERTY NUMBERS Total: 2	
Property Type	Number
Patent Number:	9780412
Application Number:	15513914
CORRESPONDENCE DATA	
Fax Number:	
<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>	
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ATTORNEY DOCKET NUMBER:	K0558537
NAME OF SUBMITTER:	NEIL HENDERSON
SIGNATURE:	/Neil Henderson/
DATE SIGNED:	01/16/2019
Total Attachments: 3	
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SCHEDULE "A"

ASSIGNMENT AGREEMENT

WHEREAS Salient Energy Inc., a corporation incorporated under the laws of Ontario whose primary place of business located at 199-151 Charles Street, Kitchener, Ontario, N2G 1H6, Canada,

(hereinafter the "**Assignor**")

has or may have rights, title or interest, in the one or more inventions which are the subject of United States Patent No. 9,780,412 filed on March 17, 2017, United States Patent Application No. 15/513,914 filed on May 31, 2016, Canadian Patent Application No. 2,962,296 filed on May 31, 2016, Patent Cooperation Treaty Application No. PCT/CA2016/050613 filed on May 31, 2016, all of which are all entitled "ELECTRODE MATERIALS FOR RECHARGEABLE ZINC CELLS AND BATTERIES PRODUCED THEREFROM", and United States Provisional Patent Application No. 62/230,502 filed on June 8, 2015 entitled "AQUEOUS ZN-ION BATTERIES USING A METALLIC ZINC NEGATIVE ELECTRODE AND VANADATE POSITIVE ELECTRODES" (hereinafter collectively the "**Battery Patents**");

AND WHEREAS The University of Waterloo (hereinafter the "**Assignee**"), a Canadian public research institute whose head office is at 200 University Avenue West, Waterloo, Ontario, N2L 3G1, Canada, is desirous of acquiring the whole right, title and interest in and to the Battery Patents, and the invention or inventions described therein;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor hereby sells, assigns and transfers to the Assignee, all of its right, title and interest, in Canada, the United States of America and all other countries and jurisdictions throughout the world, in and to the Battery Patents, and the invention or inventions described therein, and all divisions and continuations thereof, including its corresponding right to claim priority from the Battery Patents in any country or jurisdiction, including its right to make national entries under the Patent Cooperation Treaty, including all its corresponding right, title and interest in and to any Patents which may issue therefrom, including all reissues, renewals and extensions thereof, and including all right to sue for past infringement thereunder, all the said Patents to be held and enjoyed by the said Assignee to the full end of the term for which the said Patents are granted, as fully and entirely as the said Patents could have been held and enjoyed by the said Assignor if this Assignment Agreement had not been made (the "**Transferred Rights**");

AND the Assignor hereby covenants and agrees, without further consideration, to

communicate with Assignee, its successors and assigns, any facts known respecting this invention(s), sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the Transferred Rights therein in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything reasonably required to aid Assignee, its successors and assigns, to obtain proper patent protection for this invention(s) in Canada, the United States of America and all other countries and jurisdictions throughout the world, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

AND the Assignor hereby covenants it has the full right to convey the Transferred Rights assigned by this Assignment Agreement, and has not executed and will not execute any agreement in conflict with this Assignment Agreement;

AND the Assignor and the Assignee hereby authorize the firm of Gowling WLG (Canada) LLP, whose full post office address is 160 Elgin Street, Suite 2600, Ottawa, Ontario, K1P 1C3, Canada, to correct errors in this Assignment Agreement, or to insert any further identification or other information necessary or desirable to make this Assignment Agreement suitable for recordal in any Patent Office.

SIGNED at Kitchener, Canada, this 13 day of December, 2018.
(City/Town) (Country) (Date) (Month) (Year)

Salient Energy Inc.

[Signature]
(Signature of Witness)

[Signature]
(Signature of Authorized Signing Officer)

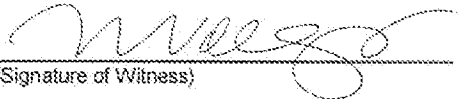
ROBIN CLARKE
(Name of Witness: Please Print or Type)

Ryan Brown
(Name of Authorized Signing Officer: Please Print or Type)

President
(Title of Authorized Signing Officer: Please Print or Type)

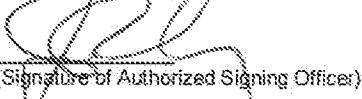
The undersigned Assignee hereby accepts this Assignment Agreement.

SIGNED at Waterloo, Canada, this 19th day of December, 2018.
(City/Town) (Country) (Date) (Month) (Year)


(Signature of Witness)

Nikola Voegelin
(Name of Witness: Please Print or Type)

The University of Waterloo


(Signature of Authorized Signing Officer)

James W.E. Rush
(Name of Authorized Signing Officer: Please Print or Type)

Vice-President, Academic + Provost
(Title of Authorized Signing Officer: Please Print or Type)