505191617 11/15/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5238386

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| NORMAND LEBREUX | 02/17/2016 |
| ERIC MENARD | 02/17/2016 |

RECEIVING PARTY DATA

| Name: | CONSORTIUM DE RECHERCHE BRP - UNIVERSITE DE SHERBROOKE S.E.N.C. | |
|-----------------|--|--|
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| City: | SHERBROOKE | |
| State/Country: | CANADA | |
| Postal Code: | J1H 6E9 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 16158410 | |

CORRESPONDENCE DATA

Fax Number: (514)397-8515

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.

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Address Line 4: MONTREAL, CANADA H3B 5C9

| ATTORNEY DOCKET NUMBER: | 34250-401 |
|-------------------------|-------------|
| NAME OF SUBMITTER: | OMAR PEZO |
| SIGNATURE: | /OMAR PEZO/ |
| DATE SIGNED: | 11/15/2018 |

Total Attachments: 2

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PATENT 505191617 REEL: 047507 FRAME: 0022

WORLDWIDE ASSIGNMENT

WHEREAS WE, LEBREUX, Normand, whose complete address is 419 des Bois-Francs, Sherbrooke, Quebec J1R 0B7, Canada, and MENARD, Eric, whose complete address is 700 Vichy, Sherbrooke, Quebec J1N 1Y5, Canada (hereinafter referred to as the Assignors) have made an invention entitled:

BATTERY PACK CONTAINING PHASE CHANGE MATERIAL

for which applications for Letters Patent have been or will be filed in the following countries:

| <u>Country</u> | <u>Filing Date</u> | <u>Serial No.</u> |
|----------------|--------------------|-------------------|
| US | January 30, 2015 | 62/109,970 |
| WO | February 1, 2016 | PCT/IB2016/050511 |
| US | July 25, 2017 | 15/546,232 |
| | October 12, 2018 | 16/158,410 |

(If necessary, the Assignee (as defined below), its affiliates and its agents are hereby authorized to insert any additional countries, any filing dates and any serial numbers when known);

AND, WHEREAS, CONSORTIUM DE RECHERCHE BRP – UNIVERSITE DE SHERBROOKE S.E.N.C., a corporation under the laws of Canada whose full postal address is 455 rue King Ouest, Bureau 210, Sherbrooke, Quebec J1H 6E9 Canada; (hereinafter referred to as the Assignee) is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the aforementioned application for Letters Patent on this invention and the Letters Patent to be issued upon these applications;

NOW THEREFORE, be it known that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignee is hereby acknowledged, by these presents, we, the Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent that may be granted thereon, and all reissues thereof, and all rights to claim priority on these of such applications, and all applications for Letters Patent that may hereafter be filed for this invention in any country and all Letters Patent that may be granted on this invention in any country, and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Commissioners of Patents (or other appropriate official whose duty it is to issue patents) of the United States, Canada, and any other country, to issue Letters Patent for this invention to the Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will communicate with the Assignee, its successors and assigns, any facts known to us respecting this invention, testify in any legal proceedings, 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 title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, reissue, and reexamination applications, make all rightful oaths and generally do everything possible to aid the Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in any country, it being understood that, irrespective of whether we are in the employ of the Assignee or its affiliates, any expense incident to the performance of the obligations of the present paragraph shall be borne by the Assignee, its successors, and assigns.

This assignment agreement is effective as of January 30, 2015.

PATENT REEL: 047507 FRAME: 0023

It is the express wish of the parties that this Assignment and all related documents be drafted in English. Il est de la volonté expresse des parties que cette cession et tous les documents s'y rattachant soient rédigés en anglais. Es ist der ausdrückliche Wunsch der beteiligten Parteien, daß diese Abtretungserklärung und alle damit zusammenhängenden Dokumente in englischer Sprache aufgesetzt werden. Sopijapuolten tahto on, että tämä luovutuskirja ja siihen liittyvät asiakirjat laaditaan englanninkielellä.

> Witness Name:

Name:

Witness

Name: JOSTANE SIMNO

IN TESTIMONY WHEREOF, WE HAVE SIGNED:

LEBREUX, Normand

Date of Signature: Ze14-02-17 Place of Signature: SHERBILDOKE

Date of Signature: /7-02-20/6 Place of Signature: 64500166

Title: GELEVLL

CONSORTIUM DE RECHERCHE BRP - UNIVERSITE DE SHERBROOKE S.E.N.C.

Date of Signature: 2016 - 02 - 22

Place of Signature: SHERBROOVE, QC

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RECORDED: 11/15/2018