PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6934820

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------|----------------|
| OLEKSANDR MAGAZYNSKYY | 07/31/2012 |
| PATRICK DIXON | 07/10/2012 |
| BENJAMIN HERTZBERG | 08/20/2012 |

RECEIVING PARTY DATA

| Name: | GEORGIA TECH RESEARCH CORPORATION |
|-----------------|-----------------------------------|
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| City: | ATLANTA |
| State/Country: | GEORGIA |
| Postal Code: | 30332 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17484451 |

CORRESPONDENCE DATA

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|-------------------------|-----------------------|
| NAME OF SUBMITTER: | MARGARET SHORTLIDGE |
| SIGNATURE: | /Margaret Shortlidge/ |
| DATE SIGNED: | 09/24/2021 |

Total Attachments: 4

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PATENT 506888000 REEL: 057591 FRAME: 0722

ASSIGNMENT

WHEREAS, We, OLEKSANDR MAGAZYNSKYY, PATRICK DIXON, AND BENJAMIN HERTZBERG ("Assignor") have invented certain improvements in *Electrodes*, *Lithium-Ion Batteries, and Methods of Making and Using the Same*, for which a U.S. Application was filed March 27, 2012 and provided Application No. 13/431591 (referred to as the "Application"), and whereas Assignor may file additional patent applications, including PCT applications and U.S. Applications, and whereas

GEORGIA TECH RESEARCH CORPORATION 505 TENTH STREET, N.W. ATLANTA, GEORGIA 30332-0415 UNITED STATES

("Assignee") desires to purchase all of Assignor's rights in same;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said Assignee, the receipt and sufficiency of which are hereby acknowledged, Assignor has and by these presents does hereby sell, assign, transfer and convey unto said Assignee all of Assignor's rights, title, and interest in and to said Application, including in and to any conventional, division, continuation, continuation-in-part, substitution, reissue, renewal, reexam, continued prosecution application ("CPA"), or request for continued examination ("RCE") thereof, and in and to all inventions and improvements thereon (herein collectively referred to as "Related US Applications"), preparatory to obtaining Letters Patent of the United States therefor; and Assignor hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said Application and Related US Applications, to Assignee, for its interest and for the sole use and benefit of Assignee and its assigns and legal representatives.

For the same consideration, Assignor, by these presents does sell, assign, and transfer to Assignee all of Assignor's rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of said Application and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as "Related Foreign Applications"), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of Assignee or its designee, insofar as permitted by applicable law.

For the same consideration, Assignor agrees, without charge to Assignee, but at Assignee's expense, to sign all lawful papers, execute said Application, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid Assignee its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

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AND, for the same consideration, Assignor also hereby sells, assigns and transfers unto Assignee all of Assignor's rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment. IN WITNESS WHEREOF, I have hereunto set my hand and seal this 31 day of OLEKSANDR MAGAZYNSKYY (SEAL) Witnessed by: _______Signature Date: Printed Name of Witness Witnessed by: ______Signature Date: Printed Name of Witness IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2012. PATRICK DIXON (SEAL) Date: Witnessed by: ______Signature Printed Name of Witness Witnessed by: _______Signature Date:

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Printed Name of Witness

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AND, for the same consideration, Assignor also hereby sells, assigns and transfers unto Assignee all of Assignor's rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment. IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of OLEKSANDR MAGAZYNSKYY Witnessed by: Date: _____ Signature Printed Name of Witness Witnessed by: Signature Printed Name of Witness IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of ______ day of ______. Ostrick D. Dixon (SEAL)
PATRICK DIXON Witnessed by: PATRICK DIXON

Date: 7/10/12 Jim Bensun
Printed Name of Witness Witnessed by: Signature Date: 07/10//2 Sofiane Boukhalfa Printed Name of Witness 2359876v1 Page 2 of 3 GTRC5543 **PATENT**

REEL: 057591 FRAME: 0725

| IN WITNESS ! August | WHEREOF, I have hereunto s | eet my hand and seal this 20 th day of | |
|------------------------|--|--|----------|
| Witnessed by: | | BENJAMIN HERTZBERG Date: 8/20/2017 | / ÁL) |
| Witnessed by: | Printed Name of Witness Signature Dhiraj V. Patil Printed Name of Witness | Date: 08/20/2012 | |

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RECORDED: 09/24/2021

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