

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DONALD J. TRUETTNER	12/18/2019
ALLEN LUKOWITZ	12/20/2019
VASIL ZHMENDAK	05/10/2020
RECEIVING PARTY DATA	
Name:	MILWAUKEE ELECTRIC TOOL CORPORATION
Street Address:	13135 WEST LISBON ROAD
City:	BROOKFIELD
State/Country:	WISCONSIN
Postal Code:	53005
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16716562
CORRESPONDENCE DATA	
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Address Line 4:	MILWAUKEE, WISCONSIN 53202
ATTORNEY DOCKET NUMBER:	066042-6311-US02
NAME OF SUBMITTER:	JARED D. RIEDL
SIGNATURE:	/Jared D. Riedl/
DATE SIGNED:	05/12/2020
Total Attachments: 5	
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ASSIGNMENT

Pursuant to my/our obligation to **MILWAUKEE ELECTRIC TOOL CORPORATION** (hereinafter referred to as "Assignee"), a Delaware corporation having its principal place of business at:

13135 West Lisbon Road
Brookfield, WI 53005

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, I/we:

Donald J. Truettner
2371 N. University Drive
Waukesha, WI 53188

Allen Lukowitz
555 W23590 Juniper Circle
Waukesha, WI 53189

Vasil Zhmendak
2340 N. Cramer Street, Apt. 511
Milwaukee, WI 53211

confirm my/our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, my/our entire right, title and interest -

(1) in and to inventions described in a patent application titled "TEMPERATURE ESTIMATION AND CONTROL SYSTEMS, METHODS, AND DEVICES FOR A BATTERY PACK CHARGER" for which I/we filed United States Non-Provisional Utility Patent Application No. 16/716,562 on December 17, 2019 (hereinafter the "U.S. utility patent application") (Attorney Docket No. 066042-6311-US02) and concurrently filed PCT International Patent Application No. PCT/US2019/066686 on December 17, 2019 (hereinafter the "PCT patent application") (Attorney Docket No. 066042-6311-WO01), both of which claim priority to United States Provisional Patent Application No. 62/783,409 filed December 21, 2018 (hereinafter the "U.S. provisional patent application") (Attorney Docket No. 066042-6311-US01);

(2) in and to the U.S. utility patent application, the PCT patent application, and the U.S. provisional patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, 35 U.S.C. §111(b) provisional, 35 U.S.C. §111(a), and reissue applications) based upon said inventions, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including foreign applications entering the national phase of the PCT patent application, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the U.S. utility patent application, the PCT patent application, and the U.S. provisional patent application.

I/We hereby authorize the assignee or attorney of record to insert in the appropriate place in this document the application number of my/our application after execution of this Assignment.

I/We agree that any patent applications of any foreign countries which may be filed shall be filed in the name of Assignee with a claim to priority based on the U.S. utility patent application, the PCT patent application, and the U.S. provisional patent application.

I/We hereby agree that I/we will, upon demand of Assignee, its successors or assigns, and without further consideration to me/us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by me/us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

Date

Donald J. Truettner

12/20/19

Date

Allen Lukowitz

Date

Vasil Zhmendak

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Donald J. Truettner

Date

Allen Lukowitz

05/10/2020

Date

[Signature]

Vasil Zhmendak