

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5297906

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LOUISE ROBINS	06/19/2018
CORMAC O'KEEFFE	06/19/2018
MARVIN HO	10/30/2018
MICHAEL A. EVERETT	06/18/2018
RECEIVING PARTY DATA	
Name:	TROJAN BATTERY IRELAND LTD
Street Address:	INNOVATION CENTRE, INST. OF TECHNOLOGY SLIGO
Internal Address:	ASH LANE
City:	SLIGO
State/Country:	IRELAND
Postal Code:	F91 YW50
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	16231080
Application Number:	62609203
Application Number:	62609219
CORRESPONDENCE DATA	
Fax Number:	(213)629-7401
<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>	
Phone:	2136297400
Email:	PatentDocket@Arentfox.com
Correspondent Name:	CRAIG A. GELFOUND / ARENT FOX LLP CRAIG
Address Line 1:	555 WEST FIFTH STREET
Address Line 2:	48TH FLOOR
Address Line 4:	LOS ANGELES, CALIFORNIA 90013
ATTORNEY DOCKET NUMBER:	035664.00131
NAME OF SUBMITTER:	CRAIG A. GELFOUND
SIGNATURE:	/Craig A. Gelfound/
DATE SIGNED:	12/21/2018

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Total Attachments: 6

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ASSIGNMENT**WHEREAS, WE,**

1. **Louise ROBINS**, a citizen of **Ireland**, having a mailing address located at **c/o Trojan Battery Ireland Ltd., Innovation Centre, Institute of Technology Sligo, Ash Lane, Sligo, Ireland F91 YW50**, and a residency of **Sligo, Ireland**; and

2. **Cormac O'KEEFFE**, a citizen of **Ireland**, having a mailing address located at **c/o Trojan Battery Ireland Ltd., Innovation Centre, Institute of Technology Sligo, Ash Lane, Sligo, Ireland F91 YW50**, and a residency of **Sligo, Ireland**; and

3. **Marvin HO**, a citizen of the **United States of America**, having a mailing address located at **1414 Field Street, Building B, Hammond, Indiana 46325**, and a residency of **Hammond, Indiana**; and

4. **Michael A. EVERETT**, a citizen of the **United States of America**, having a mailing address located at **c/o Trojan Battery Company, LLC, 12380 Clark Street, Santa Fe Springs, California 90670**, and a residency of **Santa Fe Springs, California**;

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to **COATED LEAD ACID BATTERY COMPONENTS; METHOD FOR MAKING COATED COMPONENTS AND LEAD ACID BATTERIES CONTAINING COATED COMPONENTS** (collectively the **"INVENTIONS"**) for which we have executed and/or may execute one or more patent applications therefor; and

WHEREAS, Trojan Battery Ireland Ltd. (hereinafter **"ASSIGNEE"**), a corporation, having a place of business at **Innovation Centre, Institute of Technology Sligo, Ash Lane, Sligo, Ireland F91 YW50**, desires to acquire or otherwise obtain the entire right, title, and interest in and to said **INVENTIONS**, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we do hereby acknowledge that we have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto **ASSIGNEE**, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said **INVENTIONS**, including all patent applications therefor that may have been filed or may be filed hereafter for said **INVENTIONS** in the United States, including but not limited to U.S. Application No. 62/609,203 filed December 21, 2017, and all non-provisional applications relating thereto, (and do hereby authorize **ASSIGNEE** and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues,

renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that we have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which we may be entitled, or that we may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that we will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND WE HEREBY covenant that we will not execute any writing or do any act whatsoever conflicting with these presents.

Done at Sligo, Ireland, on June 19, 2018
LOCATION DATE

DocuSigned by:
Louise Robins
17826F3D7D674C5
Louise ROBINS

Done at Trojan Battery, on June 19, 2018
LOCATION DATE

DocuSigned by:
Cormac O'Keefe
Cormac O'KEEFFE

Done at Hammond Group, Inc. on 10-30-18
LOCATION DATE

Marvin HO
Marvin HO

Done at Milledgeville GA, on June 18, 2018
LOCATION DATE

DocuSigned by:
Michael A. Everett
Michael A. EVERETT

ASSIGNMENT**WHEREAS, WE,**

1. **Louise ROBINS**, a citizen of **Ireland**, having a mailing address located at **c/o Trojan Battery Ireland Ltd., Innovation Centre, Institute of Technology Sligo, Ash Lane, Sligo, Ireland F91 YW50**, and a residency of **Sligo, Ireland**; and

2. **Cormac O'KEEFFE**, a citizen of **Ireland**, having a mailing address located at **c/o Trojan Battery Ireland Ltd., Innovation Centre, Institute of Technology Sligo, Ash Lane, Sligo, Ireland F91 YW50**, and a residency of **Sligo, Ireland**; and

3. **Marvin HO**, a citizen of the **United States of America**, having a mailing address located at **1414 Field Street, Building B, Hammond, Indiana 46325**, and a residency of **Hammond, Indiana**; and

4. **Michael A. EVERETT**, a citizen of the **United States of America**, having a mailing address located at **c/o Trojan Battery Company, LLC, 12380 Clark Street, Santa Fe Springs, California 90670**, and a residency of **Santa Fe Springs, California**;

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to **COATED LEAD ACID BATTERY COMPONENTS AND METHOD FOR MAKING SAME** (collectively the "**INVENTIONS**") for which we have executed and/or may execute one or more patent applications therefor; and

WHEREAS, Trojan Battery Ireland Ltd. (hereinafter "**ASSIGNEE**"), a corporation, having a place of business at **Innovation Centre, Institute of Technology Sligo, Ash Lane, Sligo, Ireland F91 YW50**, desires to acquire or otherwise obtain the entire right, title, and interest in and to said **INVENTIONS**, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we do hereby acknowledge that we have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto **ASSIGNEE**, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said **INVENTIONS**, including all patent applications therefor that may have been filed or may be filed hereafter for said **INVENTIONS** in the United States, including but not limited to U.S. Application No. 62/609,219 filed December 21, 2017, and all non-provisional applications relating thereto, (and do hereby authorize **ASSIGNEE** and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues,

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renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that we have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which we may be entitled, or that we may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that we will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND WE HEREBY covenant that we will not execute any writing or do any act whatsoever conflicting with these presents.

Done at Sligo, Ireland, on June 19, 2018
LOCATION DATE

DocuSigned by:
Louise Robins
17808F3075A74C3
Louise ROBINS

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REEL: 047847 FRAME: 0051

PATENT

Atty Docket: 035684.00114

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Done at Trojan Battery Ireland Ltd, on June 19, 2018
LOCATION DATE

DocuSigned by:
Cormac O'Keeffe
CORMAC O'KEEFFE
CORMAC O'KEEFFE

Done at Hammond Group Inc on 10-30-18
LOCATION DATE

Marvin Ho
Marvin HO

Done at milledgeville GA, on June 18, 2018
LOCATION DATE

DocuSigned by:
Michael A. Everett
MICHAEL A. EVERETT
MICHAEL A. EVERETT

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RECORDED: 12/21/2018

PATENT
REEL: 047847 FRAME: 0052