

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	RESUBMISSION
NATURE OF CONVEYANCE:	ASSIGNMENT
RESUBMIT DOCUMENT ID:	506249596

CONVEYING PARTY DATA

Name	Execution Date
ANTONIO PEZZONI	09/11/2020
FRANCO PERUZZOTTI	08/25/2020

RECEIVING PARTY DATA

Name:	COPPERWELD BIMETALLICS LLC
Street Address:	254 COTTON MILL ROAD
City:	FAYETTEVILLE
State/Country:	TENNESSEE
Postal Code:	37334

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14427594

CORRESPONDENCE DATA**Fax Number:**

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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Correspondent Name: SHEPPARD, MULLIN, RICHTER & HAMPTON LLP
Address Line 1: 650 TOWN CENTER DRIVE, 4TH FLOOR
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ATTORNEY DOCKET NUMBER:	29PW-263136-US
NAME OF SUBMITTER:	DANIEL N. YANNUZZI
SIGNATURE:	/Daniel N. Yannuzzi/
DATE SIGNED:	12/29/2020

Total Attachments: 8

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PATENT ASSIGNMENT

This **PATENT ASSIGNMENT** (the "Assignment") confirms and formally reflects an assignment of intellectually property by and between **Antonio Pezzoni** and **Franco Peruzzotti** ("Assignors") and **COPPERWELD BIMETALLICS LLC**, a limited liability company having an address at 254 Cotton Mill Road, Fayetteville, Tennessee ("Assignee").

WHEREAS, Assignors are co-owners with Assignee, of the entire right, title, and interest in and to the intellectual property referenced in Schedule A, and the inventions described therein (collectively "Intellectual Property"); and

WHEREAS, Assignee desires to acquire by formal, recordable assignment sole ownership of the entire right, title and interest in and to the Intellectual Property, and any patent applications that might result therefrom or claim priority thereto, and any Letters Patent that might result therefrom or claim priority thereto in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, said Assignors have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, their entire right, title and interest in and to the Intellectual Property, including but not limited to any application for Letters Patent in connection therewith, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted. For the avoidance of doubt, the Intellectual Property assigned herein excludes any patents or patent applications that do not arise from, do not claim priority to, or do not otherwise bear a familial relationship with one or more of the patents and patent applications referenced in Schedule A.

AND for the same consideration, said Assignors covenant and agree to and with said Assignee its successors, legal representatives and assigns, that said Assignors will, whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said Intellectual Property, including but not limited to applications for Letters Patent, or any proceedings in connection with Letters Patent for said Intellectual Property in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said Intellectual Property, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

AND for the same consideration, said Assignors hereby represent, covenant and agree to and with said Assignee its successors, legal representatives and assigns, that, at the time immediately prior to execution and delivery of these presents, said Assignors are the only other co-owners (besides **COPPERWELD**

BIMETALLICS LLC) of the entire right, title and interest in and to said Intellectual Property, and that the Intellectual Property is and shall be unencumbered and that said Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth. Assignors acknowledge that, upon execution and delivery of these presents, Assignee is the sole and exclusive owner of all rights, titles, and interests in and to the Intellectual Property. Assignment, Assignors shall indemnify Assignee against any claim by a third party challenging the representations, confirmations, acknowledgements, and assignments set forth herein.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for the Intellectual Property, whether on the application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the sole and exclusive assignee of the entire right, title, and interest in the Intellectual Property.

ASSIGNORS:

Antonio Pezzoni

Signature: _____
Antonio Pezzoni

Date: _____

Franco Peruzzotti

Signature: _____
Franco Peruzzotti

Date: _____

ASSIGNEE:

COPPERWELD BIMETALLICS LLC

By _____
Name: _____
Position: _____
Address: 254 Cotton Mill Road
Fayetteville, Tennessee 37334

Date: _____

SCHEDULE A

Application No. Publication No.	Filing Date Publication Date	Jurisdiction	Title
US 14/427,594 US 2015-0246623	03-11-2015 09-03-2015	US	HANGER WIRE FOR CONTACT WIRES OF RAILWAY ELECTRICAL LINES
EP 13801745.4 EP 2897836	09-17-2013 07-29-2015	EP	HANGER WIRE FOR CONTACT WIRES OF RAILWAY ELECTRICAL LINES
RU2015111129 WO2014045201	04-20-2015	RU	HANGER WIRE FOR CONTACT WIRES OF RAILWAY ELECTRICAL LINES
PCT/IB2013/058618 WO2014045201	09-17-2013 03-27-2014	PCT	HANGER WIRE FOR CONTACT WIRES OF RAILWAY ELECTRICAL LINES

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WHEREAS, Assignors are co-owners with Assignee, of the entire right, title, and interest in and to the intellectual property referenced in Schedule A, and the inventions described therein (collectively "Intellectual Property"); and

WHEREAS, Assignee desires to acquire by formal, recordable assignment sole ownership of the entire right, title and interest in and to the Intellectual Property, and any patent applications that might result therefrom or claim priority thereto, and any Letters Patent that might result therefrom or claim priority thereto in the United States and throughout the world,

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, said Assignors have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said Assignee, its successors, legal representatives and assigns, their entire right, title and interest in and to the Intellectual Property, including but not limited to any application for Letters Patent in connection therewith, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said Assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted. For the avoidance of doubt, the Intellectual Property assigned herein excludes any patents or patent applications that do not arise from, do not claim priority to, or do not otherwise bear a familial relationship with one or more of the patents and patent applications referenced in Schedule A.

AND for the same consideration, said Assignors covenant and agree to and with said Assignee its successors, legal representatives and assigns, that said Assignors will, whenever counsel of said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said Intellectual Property, including but not limited to applications for Letters Patent, or any proceedings in connection with Letters Patent for said Intellectual Property in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said Intellectual Property, without charge to said Assignee, its successors, legal representatives and assigns, but at the cost and expense of said Assignee, its successors, legal representatives and assigns.

AND for the same consideration, said Assignors hereby represent, covenant and agree to and with said Assignee its successors, legal representatives and assigns, that, at the time immediately prior to execution and delivery of these presents, said Assignors are the only other co-owners (besides **COPPERWELD**

BIMETALLICS LLC) of the entire right, title and interest in and to said Intellectual Property, and that the Intellectual Property is and shall be unencumbered and that said Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth. Assignors acknowledge that, upon execution and delivery of these presents, Assignee is the sole and exclusive owner of all rights, titles, and interests in and to the Intellectual Property. Assignment. Assignors shall indemnify Assignee against any claim by a third party challenging the representations, confirmations, acknowledgements, and assignments set forth herein.

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ASSIGNORS:

Antonio Peruzzi

Signature: _____

Antonio Peruzzi

Date: _____

11 Sept 2020

Franco Peruzzi

Signature: _____

Franco Peruzzi

Date: _____

25 August 2020

ASSIGNEE:

COPPERWELD BIMETALLICS LLC

By _____

Name: _____

Position: _____

Address: 254 Cotton Mill Road

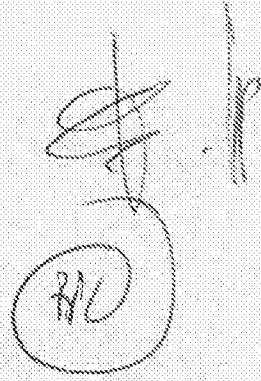
Fayetteville, Tennessee 37334

Date: _____

9/13/20

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PCT/IB2013/058618 WO2014045201	09-17-2013 03-27-2014	PCT	HANGER WIRE FOR CONTACT WIRES OF RAILWAY ELECTRICAL LINES

Handwritten signature and initials. The signature is a stylized cursive name, possibly 'S. J.', with a vertical line to its right. Below the signature is a circle containing the initials 'R/C'.