## 505489374 05/22/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
XIN ZHOU	04/29/2019
JOE W. KIRSTEIN	04/30/2019
WILLIAM MICHAEL CROOKS	04/30/2019

#### **RECEIVING PARTY DATA**

Name:	EATON INTELLIGENT POWER LIMITED
Street Address:	30 PEMBROKE ROAD
City:	DUBLIN 4
State/Country:	IRELAND

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16419627

#### **CORRESPONDENCE DATA**

Fax Number:

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ATTORNEY DOCKET NUMBER:	170087-00709
NAME OF SUBMITTER:	AUDRA WOOTEN
SIGNATURE:	/abw/
DATE SIGNED:	05/22/2019

#### **Total Attachments: 4**

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PATENT 505489374 REEL: 049257 FRAME: 0516

### ASSIGNMENT

THIS ASSIGNMENT, made by us, **Xin Zhou**, a citizen of the United States of America, residing at 2514 Lindenwood Drive, Wexford, PA 15090; and **Joe W. Kirstein**, a citizen of the United States of America, residing at 114 Longford Court, Lexington, SC 29072; **William Michael Crooks**, 3200 Walking Horse Lane, Sumter, SC 29154;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in ARC

MITIGATION DEVICES AND SYSTEMS for which an application has been filed, or is being concurrently filed, in the United States Patent and Trademark Office. I hereby authorize and request Stanek Lemon Crouse & Meeks, P.A., to insert here in parentheses (Application No. 16/419,627 \_\_\_\_, filed \_\_\_\_May 22, 2019 \_\_\_) the application number and filing date of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, Eaton Intelligent Power Limited, an Ireland company, having a principal place of business at 30 Pembroke Road, Dublin 4, Ireland, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this day of
April , 2019.
Xin Zhou
STATE OF PENNSYLVANIA ) COUNTY OF Allegheny
Before me personally appeared the person described in and who executed the foregoing
instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein
stated, this $29^{26}$ day of $96^{12}$ , 2019.
Cootadua Marie Joifto Notary Public
SEAL
My Commission Expires: 825-2027
COMMONWEALTH OF PENNSYLVANIA  NOTARIAL SEAL Costanding Marie Tsiftis, Notary Public Moon Twp., Allegheny County My Commission Expires Aug. 23. 2021 MEMBER, PENNSYLVANIAASSOCIATION OF NOTARIES

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 30 day of April , 2019.  Joe W. Kirstein
STATE OF SOUTH CAROLINA ) COUNTY OF JORGALCE
Before me personally appeared the person described in and who executed the foregoing
instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this 30 day of April 2019.  Notary Public
My Commission Expires: 4b. 18th 2025

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 30 day of APRIL, 2019.  William Michael Crooks
STATE OF SOUTH CAROLINA ) COUNTY OF Florence )
Before me personally appeared the person described in and who executed the foregoing
instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this 30th day of April 2019.  SEAL
My Commission Expires: 20 18, 2025