

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2641393

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>XIN ZHOU</td> <td>12/05/2013</td> </tr> <tr> <td>HARRY J. CARLINO</td> <td>12/05/2013</td> </tr> <tr> <td>BRIAN S. CAFFRO</td> <td>12/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	XIN ZHOU	12/05/2013	HARRY J. CARLINO	12/05/2013	BRIAN S. CAFFRO	12/09/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>EATON CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>1000 EATON BOULEVARD</td> </tr> <tr> <td>City:</td> <td>CLEVELAND</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>44122</td> </tr> </table>		Name:	EATON CORPORATION	Street Address:	1000 EATON BOULEVARD	City:	CLEVELAND	State/Country:	OHIO	Postal Code:	44122
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PROPERTY NUMBERS Total: 1											
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Application Number:	14100214										
CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	13-ETU-121										
NAME OF SUBMITTER:	NATHANIEL C. WILKS										
Signature:	/NATHANIEL C. WILKS/										

Date:

12/09/2013

Total Attachments: 4

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ASSIGNMENT

WHEREAS, We, **XIN ZHOU, HARRY J. CARLINO** and **BRIAN S. CAFFRO**, of 2514 Lindenwood Drive, Franklin Park, County of Allegheny, Commonwealth of Pennsylvania 15090; and of 2223 Woodmont Drive, Export, County of Westmoreland, Commonwealth of Pennsylvania 15632; and of 1828 Tyler Street, Aliquippa, County of Beaver, Commonwealth of Pennsylvania 15001, respectively, have invented certain improvements in: **ELECTRICAL SWITCHING APPARATUS INCLUDING TRANSDUCTOR CIRCUIT AND ALTERNATING CURRENT ELECTRONIC TRIP CIRCUIT**, for which we are about to make application for Letters Patent of the United States; and

WHEREAS, **EATON CORPORATION**, a corporation organized and existing under the laws of the State of Ohio, having its principal place of business at 1000 Eaton Boulevard, Cleveland, Ohio 44122, is desirous of acquiring an interest therein;

NOW, THEREFORE, for and in consideration of continued employment and/or other undertakings and/or other good and valuable consideration, receipt of which is hereby acknowledged, we, **XIN ZHOU, HARRY J. CARLINO** and **BRIAN S. CAFFRO**, by these presents do sell, assign, and transfer unto said **EATON CORPORATION**, its successors and assigns, the full and exclusive right in the United States of America and all foreign countries to the said invention as described in the specification executed by us on the 5th day of December, 2013, on the 5 day of December, 2013, and the 9 day of December, 2013; (and we hereby authorize our attorneys, authorized to prosecute said application, to here insert the filing date and Serial No. of the said application, as soon as it is known, Serial No. 14/100,214, Filed December 9, 2013, preparatory to obtaining Letters Patent of the United States therefor); said invention, all applications for Letters Patent and all Letters Patent therefor, to be held and enjoyed by the said **EATON CORPORATION**, for its own use and behoof and for its legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by us had this Assignment and sale not been made; and we hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of applications for Letters Patent of the United States of America and all foreign countries or, for litigation regarding, or for the purpose of protecting title to

the said invention or Letters Patent therefor for the benefit of our assignee without further or other compensation than that above set forth; and we hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to **EATON CORPORATION**, as assignee thereof.

XIN ZHOU

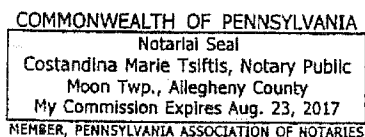
COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF ALLEGHENY)

On this 5th day of December, 2013, before me personally appeared **XIN ZHOU**, to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Costandina Marie Isytes
Notary Public

My Commission Expires: 8-23-2017

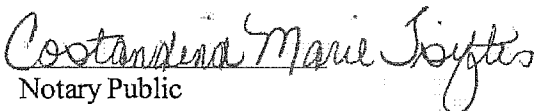
(SEAL)




 HARRY J. CARLINO

COMMONWEALTH OF PENNSYLVANIA)
) SS:
 COUNTY OF WESTMORELAND)

On this 5th day of December, 2013, before me personally appeared **HARRY J. CARLINO**, to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.


 Notary Public

My Commission Expires: 8-23-2017 (SEAL)

COMMONWEALTH OF PENNSYLVANIA
 Notarial Seal
 Costandina Marie Tsiftis, Notary Public
 Moon Twp., Allegheny County
 My Commission Expires Aug. 23, 2017
 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

