

PATENT ASSIGNMENT

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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>Vijay Bhavaraju</td> <td>04/04/2012</td> </tr> <tr> <td>Tiefu Zhao</td> <td>04/04/2012</td> </tr> <tr> <td>Peter J. Theisen</td> <td>04/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Vijay Bhavaraju	04/04/2012	Tiefu Zhao	04/04/2012	Peter J. Theisen	04/04/2012
Name	Execution Date								
Vijay Bhavaraju	04/04/2012								
Tiefu Zhao	04/04/2012								
Peter J. Theisen	04/04/2012								
RECEIVING PARTY DATA									
Name:	Eaton Corporation								
Street Address:	1111 Superior Avenue								
City:	Cleveland								
State/Country:	OHIO								
Postal Code:	44114								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13440275</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13440275				
Property Type	Number								
Application Number:	13440275								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	ETC7455.117								
NAME OF SUBMITTER:	Robyn L. Templin								
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif									

OP \$40.00 13440275

Patent

Attorney Docket No. ETC7455.117

For: U.S. and/or Foreign Rights

For: U.S. Application or U.S. Patent

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.

ASSIGNORS (inventors):

Vijay Bhavaraju	N104 W14643 Heritage Hills Parkway
Name	Germantown, WI 53022 US
	Address Citizenship

Tieftu Zhao	500 W. Bradley Road, Apt B207
Name	Milwaukee, WI 53217 CN
	Address Citizenship

Peter J. Theisen	5638 Maple Rd
Name	West Bend, WI 53095 US
	Address Citizenship

hereby sell, assign, and transfer to

ASSIGNEE:

Eaton Corporation	of	1111 Superior Avenue
(Type name of ASSIGNEE)		Cleveland, OH 44114
		Address

and the successors, assigns, and legal representatives of the ASSIGNEE

- the entire right, title and interest
- an undivided _____ percent _____ (%) interest

for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled:

PHOTOVOTAIC SYSTEM INCLUDING HYBRID BI-DIRECTIONAL DC CONTACTORS AND METHOD OF DETECTION AND ISOLATION OF FAULTS THEREIN

and which is found in

- (a) U.S. patent application executed on even date herewith; or
- (b) U.S. patent application executed on _____; or

(c) U.S. application serial no. 13/440,275 filed on April 5, 2012,
and provisional U.S. application serial no. _____ filed on
_____ (if applicable).

To comply with 37 CFR 3.21 for recording of this assignment, I as an
ASSIGNOR signing below hereby authorize and request my attorney, as named
in the Declaration and Power of Attorney I executed for this invention on the
execution date stated above, to insert above the filing date and application
number when it becomes known.

(d) International application no. PCT/_____
(e) U.S. patent no. _____ issued _____.

A change of address to which correspondence is to be sent regarding
patent maintenance fees is being sent separately.

(f) and any legal equivalent thereof in a foreign country, including the right to claim
priority

and in and to all Letters Patent to be obtained for said invention by the above application or any
continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or reexamination
thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been or
will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with
all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as
may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation
or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal
representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue
and enforce said application, said invention and said Letters Patent and said equivalents thereof, which
may be necessary or desirable to carry out the purposes thereof.

Vijay Bhavaraju
Type Name of Inventor

Vijay Bhavaraju
Signature of Inventor

Date: 4-4-2012

Subscribed and sworn to before me
This 4 day of April, 2011.

Susan H. [Signature]
Notary Public State of WI
Commission Expires: 9-2-2012

Tiefu Zhao
Type Name of Inventor

Tiefu Zhao
Signature of Inventor

Date: 4/4/2012

Subscribed and sworn to before me
This 4 day of April, 2011.

Suzan Haglund
Notary Public State of WI
Commission Expires: 9-2-2012

Peter J. Theisen
Type Name of Inventor

Peter Theisen
Signature of Inventor

Date: 4/4/2012

Subscribed and sworn to before me
This 4 day of April, 2011.

Suzan Haglund
Notary Public State of WI
Commission Expires: 9-2-2012