

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Joachim vom Dorp</td> <td>04/04/2013</td> </tr> <tr> <td>Tobias Erlbacher</td> <td>04/05/2013</td> </tr> <tr> <td>Lothar Frey</td> <td>04/08/2013</td> </tr> </tbody> </table>		Name	Execution Date	Joachim vom Dorp	04/04/2013	Tobias Erlbacher	04/05/2013	Lothar Frey	04/08/2013		
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<table border="1"> <tr> <td>Name:</td> <td>Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e. V.</td> </tr> <tr> <td>Street Address:</td> <td>Hansastrasse 27c</td> </tr> <tr> <td>City:</td> <td>Munich</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>80686</td> </tr> </table>		Name:	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e. V.	Street Address:	Hansastrasse 27c	City:	Munich	State/Country:	GERMANY	Postal Code:	80686
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CORRESPONDENCE DATA											
<p>Fax Number:</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: cmmcnulty@venable.com, ptomail@venable.com</p> <p>Correspondent Name: Robert Kinberg</p> <p>Address Line 1: 575 7th St. NW</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20004</p>											
ATTORNEY DOCKET NUMBER:	31583-346009										
NAME OF SUBMITTER:	Robert Kinberg										
Signature:	/Robert Kinberg/										
Date:	05/20/2013										
<p>Total Attachments: 2</p> <p>source=assignment#page1.tif</p> <p>source=assignment#page2.tif</p>											

CH \$40.00 13849832

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Joachim vom Dorp of Erlangen, Tobias ERLBACHER of Poxdorf, and Lothar FREY of Hoechstadt/Aisch, all of GERMANY, hereinafter referred to (collectively) as the Assignor(s), have invented a certain improvement relating to a ELECTRICAL BYPASS ELEMENT, IN PARTICULAR FOR STORAGE CELLS OF AN ENERGY STORAGE DEVICE, which said Assignor has caused an application for United States Letters Patent to be prepared,

[xx] said application having been filed in the United States Patent and Trademark Office on March 25, 2013, Application No. 13/849,832.

[] said application having been filed under the Patent Cooperation Treaty on _____, Application No. _____, the United States of America being designated.

AND WHEREAS Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e. V., Hansastrasse 27c, 80686 Muenchen, GERMANY, hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title, and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues, and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said Assignee to said Assignor, the receipt of which is hereby acknowledged, said Assignor hereby assigns, sells, and transfers to said Assignee, and said Assignee's successors and assigns, the entire and exclusive right, title, and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof; said Assignee, and said Assignee's successors and assigns, to have, hold, exercise, and enjoy the said application, including any all divisions and continuations thereof, and the said invention and any all patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said Assignee, and said Assignee's successors and assigns, in as ample and beneficial a manner as the said Assignor might or could have held and enjoyed the same if this Assignment had not been made.

AND said Assignor hereby agrees to perform, upon the request of said Assignee or said Assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues, and prolongations thereof.

AND said Assignor authorizes and requests the Commissioner of Patents and Trademarks to issue the Letters Patent on said application, and on any and all divisions and continuations thereof, to said Assignee, and said Assignee's successors and assigns, in accordance herewith.

AND Assignor hereby grants Venable LLP the power to insert and/or correct on this Assignment any identifying information and/or dates which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to be executed.

EXECUTED this 4th day of April, 2013.
ASSIGNOR:

Signature: _____
Name: Joachim vom DORP

WITNESS:

Signature: _____
Name: Daniel Günther
Address: Hohenstr. 150
90419 Nürnberg
Germany

WITNESS:

Signature: _____
Name: JEAN-MICHEL MEHETTING
Address: CLERMONT-FERRAND ALLE 33
93449 Regensburg
Germany

EXECUTED this 5th day of April, 2013.
ASSIGNOR:

Signature: [Signature]
Name: Tobias ERLBACHER

WITNESS:

Signature: [Signature]
Name: Ebersberger
Address: Im Gäßla 2
91058 Erlangen, Germany

WITNESS:

Signature: [Signature]
Name: Wittmann Monika
Address: Langenzenn Str. 28E
90584 Veitsbrunn
Germany

EXECUTED this 8 day of April, 2013.
ASSIGNOR:

Signature: [Signature]
Name: Lothar FREY

WITNESS:

Signature: [Signature]
Name: Ebersberger
Address: Im Gäßla 2
91058 Erlangen
Germany

WITNESS:

Signature: [Signature]
Name: Wittmann Monika
Address: Langenzenn Str. 28E
90584 Veitsbrunn
Germany