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Michael Adenau	Name: MA LIGHTING TECHNOLOGY GmbH
Additional name(s) of conveying party(ies) attached?	Street Address: Dachdeckerstr. 16
· · · · · · · · · · · · · · · · · · ·	Waldbüttelbrunn D-97297 Germany
[ ]Yes [X]No	Additional name(s) & address(es) attached? [ ]Yes [X]No
3. Nature of conveyance:	
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If this document is being filed together with a new application	on, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Serial No. 12/388,406, filed February 18, 2009	
Additional numbers attached? [ ]Yes [X]No	
5. Name and address of party to whom correspondence concerning document should be mailed:	<ul><li>6. Total number of applications and patents involved: 1</li><li>7. Total fee (37 CFR 3.41):\$ 40.00</li></ul>
Name: Robert B. Madden	[ ]Enclosed
Address: Schwegman, Lundberg & Woessner, P.A.	[X]Authorized to be charged to deposit account 19-0743
P.O. Box 2938  Minneapolis, MN 55402-0938	<ol> <li>Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743</li> </ol>
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9. Statement and signature.	
To the best of my knowledge and belief, the foregoing inform of the original document.	nation is true and correct and any attached copy is a true copy
Robert B. Madden/Reg. No. 57,521	Rolut B. Mudden APRIL 22/2009
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> PATENT REEL: 022581 FRAME: 0815

## ASSIGNMENT

WHEREAS, I, Michael Adenau, residing at Maasweg 8, Würzburg, D-97082, Germany, made certain new and useful inventions and improvements for which I filed an application for Letters Patent of the United States on February 18, 2009, which application was assigned U.S. patent application serial number 12/388,406, and is entitled ELECTRONIC DIMMER CIRCUIT:

AND WHEREAS, MA LIGHTING TECHNOLOGY GmbH, a corporation organized and existing under and by virtue of the laws of the Country of Germany, and having an office and place of business at Dachdeckerstr. 16, Waldbüttelbrunn. D-97927 Germany (hereinafter "Assignee"), is desirous of acquiring the entire right, priority right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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AND, furthermore, I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set pay hate this 16th day of March 2009.

Michael Adenau

**PATENT REEL: 022581 FRAME: 0817** 

**RECORDED: 04/23/2009**