

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Werner Berns	05/13/2013
RECEIVING PARTY DATA	
Name:	Texas Instruments Deutschland GmbH
Street Address:	Haggertystrasse 1
City:	Freising
State/Country:	GERMANY
Postal Code:	85356
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13871917
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ATTORNEY DOCKET NUMBER:	TI-72192
NAME OF SUBMITTER:	Tina Mathewson
Signature:	/Tina Mathewson/
Date:	07/03/2013
Total Attachments: 1 source=72192_TID_Assignment#page 1.tif	

CH \$40.00 13871917

**ASSIGNMENT**

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made:

WHEREAS, TEXAS INSTRUMENTS DEUTSCHLAND GMBH, a corporation organized and existing under the laws of Germany, with a place of business at Haggertystrasse 1, Freising, Germany 85356, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon, as well as to U.S. Provisional Application No(s). 61/650,099, filed 5/22/2012;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign unto the said TEXAS INSTRUMENTS DEUTSCHLAND GMBH, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application(s) and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Patent and Trademark Office to issue all patents for said invention, or patents resulting therefrom, to the said TEXAS INSTRUMENTS DEUTSCHLAND GMBH, as assignee of my entire right, title and interest.

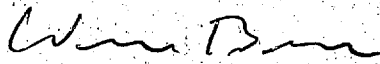
I also hereby sell and assign to TEXAS INSTRUMENTS DEUTSCHLAND GMBH, its successors and assigns, my corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS DEUTSCHLAND GMBH, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS DEUTSCHLAND GMBH, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE	LED BYPASS AND CONTROL CIRCUIT FOR FAULT TOLERANT LED SYSTEMS		
NONPROVISIONAL APPLICATION NO.	13/871,917	FILING DATE	04/26/2013

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Werner Berns
DATE	Effective May 13, 2013
RESIDENCE (CITY AND STATE)	Grasbrunn, Germany

After recording, return Assignment to: Texas Instruments Incorporated  
12500 TI Boulevard (M/S 3999)  
Dallas, Texas 75243

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