

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Crispin Metzler | 03/18/2011 |
| RECEIVING PARTY DATA | |
| Name: | Polar Semiconductor, Inc. |
| Street Address: | 2800 East Old Shakopee Road |
| City: | Bloomington |
| State/Country: | MINNESOTA |
| Postal Code: | 55425 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14007260 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | P440.12-0040 |
| NAME OF SUBMITTER: | Michael A. Collins |
| Signature: | /Michael A. Collins/ |
| Date: | 09/25/2013 |
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| ASSIGNMENT (International Patent Application) | Attorney Docket No. P440.500-0040 |
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WHEREAS, I, Crispin Metzler, of Hastings, MN; US; have invented certain new and useful improvements as described in an international application entitled SERIES SWITCH BRIDGELESS POWER SUPPLY (for Letters Patent filed pursuant to the Patent Cooperation Treaty, the application filed with the United States Receiving Office under International Application No. PCT/US2011/029725 having an International Filing Date of March 24, 2011 ; and

WHEREAS, Polar Semiconductor, Inc., a corporation organized and existing under the laws of the State of Minnesota, and having offices at 2800 East Old Shakopee Road, Bloomington, MN 55425 ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

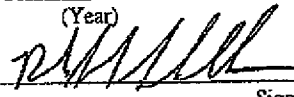
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I hereby authorize the Assignee, its successors and assigns, to insert in this instrument the application number when ascertained. I further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all countries foreign to the United States.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Signed at BLOOMINGTON, MINNESOTA, USA
 this 18th day of MARCH, 2011
 (Day) (Month) (Year)

 Crispin Metzler

DECLARATION AND SIGNATURE OF WITNESS

I, Robert John Schmalzer whose address is 17166 Harrington Way, Lakeville, MN 55044
 (Printed or typed name) (Printed or typed address)
 hereby declare that I was personally present and did see Crispin Metzler, Assignor in the above ASSIGNMENT duly sign and execute the same. Declared at Bloomington, MN, USA
 (city and state)
 this 18th day of March, 2011
 (Day) (Month) (Year)

 Signature of Witness