

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3861255

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSHUA WILLIAM CALDWELL	05/05/2016
DONGWON KWON	05/05/2016
LUCAS ANDREW MILNER	05/05/2016
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<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62168234
<b>Application Number:</b>	15147842
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<b>ATTORNEY DOCKET NUMBER:</b>	LT.P0017US
<b>NAME OF SUBMITTER:</b>	VIRGINIA COGGAN
<b>SIGNATURE:</b>	/Virginia Coggan/
<b>DATE SIGNED:</b>	05/05/2016
<b>Total Attachments: 2</b>	
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number ..... 15/147,842  
Filing Date ..... May 5, 2016  
Inventorship ..... Joshua William Caldwell et al.  
Applicant ..... Linear Technology Corporation  
Attorney's Docket No. .... LT.P0017US  
Title..... Maintaining Output Capacitance Voltage in LED Driver Systems During PWM Off Times

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

**Assignor(s):**

1. Joshua William Caldwell, Los Gatos, California, United States
2. Dongwon Kwon, San Jose, California, United States
3. Lucas Andrew Milner, San Jose, California, United States

**Assignee:**

Linear Technology Corporation  
1630 McCarthy Boulevard  
Milpitas, California 95035  
United States


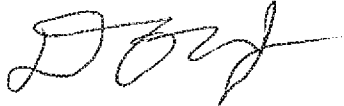
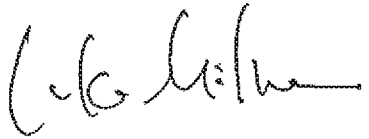
**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "MAINTAINING OUTPUT CAPACITANCE VOLTAGE IN LED DRIVER SYSTEMS DURING PWM OFF TIMES" for which:

- ☒ a provisional application for United States Letters Patent was filed on May 29, 2015, and was given U.S. Serial No. 62/168,234 and/or
- ☒ a non-provisional application for United States Letters Patent was:
  - ☒ filed on May 5, 2016, and was given U.S. Serial No. 15/147,842; or filed concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal representatives of **Han Santos Reich, PLLC, 1411 4th Avenue, Suite 910, Seattle, WA 98101**, who are associated with customer number **118756**, to insert in the paragraph(s) above, the serial number and filing date(s) of the patent application(s) when known.

WHEREAS, **Linear Technology Corporation** (hereinafter referred to as ASSIGNEE), a corporation of Delaware, having a place of business at **1630 McCarthy Boulevard, Milpitas, CA 95035**, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

Legal Name of Inventor: <b>Joshua William Caldwell</b>	
Inventor's Signature: 	Date: 5/5/16
Legal Name of Inventor: <b>Dongwon Kwon</b>	
Inventor's Signature: 	Date: 5/5/2016
Legal Name of Inventor: <b>Lucas Andrew Milner</b>	
Inventor's Signature: 	Date: 5/5/16