PATENT ASSIGNMENT

Electronic Version v1.1

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			Jeffrey L. Wilson		

Atty Docket No.: 1485/72/2

ASSIGNMENT

WHEREAS, we, David T. Emerson, of Chapel Hill, North Carolina, Justin Lydon, of Durham, North Carolina, Raymond Rosado, of Apex, North Carolina, and Jeffrey C. Britt, of Cary, North Carolina; (hereinafter "Assignors"), have invented certain new and useful improvements in LIGHT EMITTER DEVICES AND METHODS WITH REDUCED DIMENSIONS AND IMPROVED LIGHT OUTPUT for which application for a U.S. Patent was made on December 6, 2011 as Serial No.13/312,518.

AND, WHEREAS, CREE, Inc., a corporation duly organized and existing under the laws of the State of North Carolina, having its principal office and place of business at 4600 Silicon Drive, Durham, North Carolina 27703 (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents do hereby sell, assign, transfer and convey unto the Assignee, its successors and assigns, their entire right, title and interest in and to the invention and application, and in and to any and all foreign patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made.

Assignors hereby request that said Letters Patent be issued in accordance with this assignment.

Atty. Docket No.: 1485/72/2

Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess full title to the invention and application above-mentioned, and that they have the unencumbered right and authority to make this assignment.

Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

2012 Ite Executed this 31 day of Juny 2011.

Witnessed by:

Melipa C. Savender 1/31/12. Name Date Date

PATENT REEL: 028706 FRAME: 0340

Atty. Docket No.: 1485/72/2

Executed this 17th day of July 2011.2

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Witnessed by:

Melisse C. Saunder 1/17/12 Name Date Jahapo Di Auguster 7/17/12 Name Date

Executed this 17th day of July 20112 1 I AME

Witnessed by:

Melipso C. Saunder 7/17/12. Name Date Jahahs Differen 7/17/12 Name Date

Executed this 3 to day of January 2017.2

-3- of 4-

PATENT REEL: 028706 FRAME: 0341

Atty. Docket No.: 1485/72/2

Jeffrey/C. Britt

Witnessed by:

<u>Achaho MAugustice 1/31/2012</u> Name Date Date <u>Melisse CSeunder 1/31/12</u> Name Date

PATENT **REEL: 028706 FRAME: 0342**

RECORDED: 08/02/2012