

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5966673

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FABIAN RADULESCU	02/17/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CREE, INC.
<b>Street Address:</b>	4600 SILICON DRIVE
<b>City:</b>	DURHAM
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	27703
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16792633
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	99077.25740
<b>NAME OF SUBMITTER:</b>	JOHN S. HILTEN
<b>SIGNATURE:</b>	/John S. Hilten/
<b>DATE SIGNED:</b>	02/17/2020
<b>Total Attachments: 2</b>	
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source=9907725740_Assignment_filedFeb172020#page2.tif	

ASSIGNMENT

WHEREAS I/WE,

**Fabian Radulescu**  
414 Highview Drive  
Chapel Hill, NC 25717

respectively ("Assignor"), have made a certain new and useful invention as set forth in U.S. Patent Application No. 16/792,633, filed on February 17, 2020, for United States Letters Patent entitled:

**Semiconductor Having a Backside Wafer Cavity for Radio Frequency (RF) Passive Device Integration and/or Improved Cooling and Process of Implementing the Same**

AND WHEREAS,

CREE, INC.  
4600 Silicon Drive  
Durham, North Carolina 27703

respectively ("Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention and application, and in and to any and all Letters Patent of the United States, and whatsoever countries, which may be obtained therefore;

**NOW, THEREFORE**, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention and application, including the right to claim priority under 35 U.S.C. §119 and/or §120 the right to sue for past infringement, as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States, and whatsoever countries, which may be issued for said invention;

**UPON SAID CONSIDERATION**, Assignor hereby agrees with the said Assignee that Assignor will not execute any writing or do any act whatsoever conflicting with these presents, and that Assignor will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations,

continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States, and whatsoever countries, on said invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;

**The undersigned hereby grant(s) the firm of BAKER & HOSTETLER LLP the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.**

**AND** Assignor requests the Commissioner of Patents and Trademarks, or any foreign equivalents, to issue any Letters Patent of the United States, and whatsoever countries, which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

02/17/2020  
Date

Fabian Radulescu  
Fabian Radulescu

**NOTE: Legalization is not required for recording, but is *prima facie* evidence of execution under 35 U.S.C. 261).**