PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
JIN HONG LIM	11/03/2017
CURT PROGL	11/03/2017
KURT S. WILCOX	11/03/2017
STEVE WILCENSKI	11/13/2017
ZONGJIE YUAN	12/18/2017

RECEIVING PARTY DATA

Name:	CREE, INC.	
Street Address:	4600 SILICON DRIVE	
City:	DURHAM	
State/Country:	NORTH CAROLINA	
Postal Code:	27703	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16392978

CORRESPONDENCE DATA

Fax Number: (877)812-1249

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 9192382300 **Email:** sbaker@wt-ip.com

Correspondent Name: WITHROW & TERRANOVA P.L.L.C.

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Address Line 4: CARY, NORTH CAROLINA 27511

ATTORNEY DOCKET NUMBER:	2294-439D
NAME OF SUBMITTER:	SARAH BAKER
SIGNATURE:	/Sarah Baker/
DATE SIGNED:	02/24/2021

Total Attachments: 10

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PATENT REEL: 055391 FRAME: 0384

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ASSIGNMENT OF INVENTION

WHEREAS, we, Jin Hong Lim, a U.S. citizen, residing at 935 Beaver Dam Run, Durham, N.C. 27703; Curt Progl, a U.S. citizen, residing at 1933 Hilltop Rd., Raleigh, N.C. 27610; Kurt S. Wilcox, a U.S. citizen, residing at 140 Sunnyside Place, Libertyville, IL 60048; Steve Wilcenski, a U.S. citizen, residing at 5024 Myrtle Oak Dr., Cary, N.C. 27519; and Zongjie Yuan, a U.S. citizen, residing at 15418 W. Clover Ln., Libertyville, IL 60048, have invented certain new and useful inventions described in the patent application entitled, "LUMINAIRES UTILIZING OPTICAL WAVEGUIDE." If the lines below are blank, the above described patent application was filed on even date with the recordal of this assignment, otherwise, to comply with 37 C.F.R. § 3.21 for recordal of this assignment, we hereby authorize the attorneys for the Assignee to insert the filing date and application number below after they become known and prior to filing the recordation of this assignment: U.S. Application No. 15/192,979 filed June 24, 2016.

AND WHEREAS, Cree, Inc., a U.S. company having an address at 4600 Silicon Drive, Durham, NC 27703, hereinafter called the "Assignee," desires to acquire all right, title and interest in and to said invention and patent application within the United States and its territorial possessions and all foreign countries, and any United States or foreign Letters Patent that may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, and with the intention of being legally bound hereby, we confirm that we have sold, assigned and transferred, and do hereby sell, assign and transfer to said Assignee the entire right, title and interest in and to my invention and patent application within the United States of America and its territorial possessions and all foreign countries, and in and to any Letters Patent of the United States and all foreign countries that may be granted therefor, including all divisions, continuations, continuations-in-part, substitutes, patents of addition, reissues, reexaminations, renewals and extensions thereof, and the right to apply for Letters Patent in foreign countries with full benefit of such priorities as may now or hereafter be granted to us by local laws or by treaty, including any international convention for the protection of industrial property, together with the right to extend the protection of said United States Letters Patent to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its use and benefit and for the use and benefit of its successors or assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made. And we do hereby request and authorize the United States Commissioner for Patents, and any officials of

We further covenant and agree with the Assignee that we have full and unencumbered title to the invention and patent application herein assigned, which title we warrant unto the Assignee, and we further agree that, when requested, we will, without demanding any further consideration therefor but at the expense of Assignee, do all lawful and just acts, including the execution and acknowledgement of instruments, that may be or become necessary for obtaining, sustaining or reissuing United States or foreign Letters Patent for the said invention and patent application, and for maintaining and perfecting the Assignee's right to said invention, patent application and Letters Patent particularly in cases of interference and litigation.

IN WITNESS WHEREOF, we, the said inventors have executed this Assignment under seal.

S/Dong L	11/3/2019
Jin Hong Lim	Date
Curt Progl	Date
Kurt S. Wilcox	Date
Steve Wilcenski	Date
Zongjie Yuan	Date

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Curt Progl	Date
Kurt S. Wilcox	Date
Here W. Cent	11/13/17
Steve Wilcenski	Date
Zongjie Yuan	Date

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Jin Hong Lim	Date
	<u> </u>
Curt Progl	Date
Jan	3/2017
Kurt S. Wilcox	Date
,	
Steve Wilcenski	Date
Zongjie Yuan	Date

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