07/15/2021 506768181

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6814998

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN EDMOND	02/22/2017
MATTHEW DONOFRIO	02/02/2017
JESSE REIHERZER	02/06/2017
PETER SCOTT ANDREWS	02/02/2017
JOSEPH G. CLARK	02/10/2017
KEVIN HABERERN	02/02/2017

RECEIVING PARTY DATA

Name:	CREE, INC.
Street Address:	4600 SILICON DRIVE
City:	DURHAM
State/Country:	NORTH CAROLINA
Postal Code:	27511

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16414162
Application Number:	16950142

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: 919-238-2300 Email: kkenny@wt-ip.com

WITHROW + TERRANOVA **Correspondent Name:** 106 PINEDALE SPRINGS WAY Address Line 1: Address Line 4: CARY, NORTH CAROLINA 27511

ATTORNEY DOCKET NUMBER:	3394-028C2, 3394-028C3
NAME OF SUBMITTER:	KAT M. KENNY
SIGNATURE:	/Kat M. Kenny/
DATE SIGNED:	07/15/2021

Total Attachments: 12 source=3394-028C Assignment as Recorded#page1.tif source=3394-028C Assignment as Recorded#page2.tif source=3394-028C Assignment as Recorded#page3.tif source=3394-028C Assignment as Recorded#page4.tif source=3394-028C Assignment as Recorded#page5.tif source=3394-028C Assignment as Recorded#page6.tif source=3394-028C Assignment as Recorded#page7.tif source=3394-028C Assignment as Recorded#page8.tif source=3394-028C Assignment as Recorded#page9.tif source=3394-028C Assignment as Recorded#page10.tif source=3394-028C Assignment as Recorded#page11.tif source=3394-028C Assignment as Recorded#page11.tif source=3394-028C Assignment as Recorded#page11.tif

Title of

HIGH DENSITY PIXELATED LED AND DEVICES AND METHODS

Invention	THEREOF
As the below named	l inventor, I hereby declare that:
This declaration is o	lirected to: The attached application; or United States application or PCT international application number 15/399,729, filed on 1/05/2017.
The above-identifie	d application is made or authorized to be made by me.
I believe that I am tapplication.	ne original inventor or an original joint inventor of a claimed invention in the
I hereby acknowled U.S.C. 1001 by fine	ge that any willful false statement made in this declaration is punishable under 18 or imprisonment of not more than five (5) years, or both.
WHEREAS, Cree, Carolina and having	inc., a corporation duly organized and existing under the laws of the State of North a principal place of business at 4600 Silicon Drive, Durham, North Carolina

WHEREAS, Cree, Inc., a corporation duly organized and existing under the laws of the State of North Carolina and having a principal place of business at 4600 Silicon Drive, Durham, North Carolina 27703 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title, and interest in and to said invention as described in the specification executed by me concurrently herewith, and any and all Letters Patent which shall be granted therefor.

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over unto the said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the above-mentioned application and invention and in and to any and all Letters Patent of the United States which may hereafter be granted therefor, and in any and to any and all continuations, continuations-in-part, substitutions, divisions or reissues of said Letters Patent, the same to be held and enjoyed by the said ASSIGNEE, for its interest, and for its own use and behalf, and the use and behalf of its successors and 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 had this assignment and sale not been made.

I, the said assignor, transfer and set over unto the said ASSIGNEE the rights to the priority application, namely U.S. provisional application no. 62/321,514 filed on April 12, 2016.

And for the consideration aforesaid, I hereby covenant and agree to and with the said ASSIGNEE, its successors and assigns, that at the time of the execution and delivery of these presents I am a joint and lawful owner of the entire right, title and interest in and to the invention, application and Letters Patent above-mentioned and that the same are unencumbered, and that I have good right and lawful authority to sell and convey the same in the manner herein set forth.

And for the consideration aforesaid, I hereby covenant and agree to and with the said ASSIGNEE, its successors and assigns, that I will, whenever its counsel or the counsel of its successors and assigns, learned in the law, shall advise that an amendment, division, continuation, continuation-in-part, or

I hereby request the Commissioner for Patents to issue the Letters Patent in accordance with this instrument.

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IN WITNESS WHEREOF, I hereunto set my hand and seal.

LEGAL NAME OF INVENTOR

Inventor: Lohn Edapond

Signature:

little of	HIGH DENSITY PIXELATED LED AND DEVICES AND METHODS
Invention	THEREOF
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This declaration is o	lirected to: The attached application; or United States application or PCT international application number 15/399,729, filed on 1/05/2017.
The above-identifie	d application is made or authorized to be made by me.
I believe that I am tapplication.	he original inventor or an original joint inventor of a claimed invention in the
	ge that any willful false statement made in this declaration is punishable under 18 or imprisonment of not more than five (5) years, or both.

WHEREAS, Cree, Inc., a corporation duly organized and existing under the laws of the State of North Carolina and having a principal place of business at 4600 Silicon Drive, Durham, North Carolina 27703 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title, and interest in and to said invention as described in the specification executed by me concurrently herewith, and any and all Letters Patent which shall be granted therefor.

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Date: 2/2/2017

IN WITNESS WHEREOF, I hereunto set my hand and seal.

LLGAL	NAME	1	

Inventor: Matthew Donofrio

Change of the Adams

Invention	THEREOF
As the below name	d inventor, I hereby declare that:
This declaration is	directed to: The attached application; or United States application or PCT international application number 15/399,729, filed on 1/05/2017.
	ed application is made or authorized to be made by me.
I believe that I am application.	the original inventor or an original joint inventor of a claimed invention in the
I hereby acknowled	Ige that any willful false statement made in this declaration is punishable under 18 e or imprisonment of not more than five (5) years, or both.

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IN WITNESS WHEREOF, I hereunto set my hand and seal.

L	E	G.	AI.	N	A	ME	OF	IN	VEN	TO	R

Inventor: <u>Jesse Reiherzer</u>

Date

7

Principality (1985)

Title of Invention	HIGH DENSITY PIXELATED LED AND DEVICES AND METHODS THEREOF
	med inventor, I hereby declare that:
This declaration	is directed to: The attached application; or
	United States application or PCT international application
stir och i laggar	number <u>15/399,729</u> , filed on <u>1/05/2017</u> .
The above-ident	ified application is made or authorized to be made by me.
	m the original inventor or an original joint inventor of a claimed invention in the
application.	žefia blovi filozopiu i užingtu ni kot iršžia, irin astoja fil prato 1. svil vizra, na suvenimbie po vezgoven Britanim kalingtia, kaljams gana sti njematena piu konsejirka zpojedoven kal kondranskaji za prosponska.
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LEGAL NAME OF INVENTOR

Inventor: Peter Scott Andrews)

Signature: Um

Date

Title of

HIGH DENSITY PIXELATED LED AND DEVICES AND METHODS

Invention	THEREOF			
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This declaration is o	lirected to: The attached application; or United States application or PCT international application number 15/399,729, filed on 1/05/2017.			
The above-identified	d application is made or authorized to be made by me.			
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interest in and to said invention as described in the specification executed by me concurrently

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IN WITNESS WHEREOF, I hereunto set my hand and seal.

LEGAL NAME OF INVENTOR

Inventor: Joseph G. Clark

Signature: Sant & Und

Date: 2/10/2017

Title of Invention	HIGH DENSITY PIXELATED LED AND DEVICES AND METHODS AND THEREOF
As the below nan	ed inventor, I hereby declare that:
This declaration i	s directed to: The attached application; or United States application or PCT international application number 15/399,729, filed on 1/05/2017.
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LEGAL NAME OF INVENTOR

Inventor: Kevin Haberern

Signature:

Date:

02/02/201