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## PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE:   | NEW ASSIGNMENT   |  |  |  |
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| NATURE OF CONVEYANCE:  | ASSIGNMENT   |  |  |  |
| CONVEYING PARTY DATA   |  |  |  |  |
| Name Execution Date  |  |  |  |  |
| MARIO ALBERTO CASTILLO   | 04/19/2013   |  |  |  |
| RECEIVING PARTY DATA   |  |  |  |  |
| Name: CREE, INC.   |  |  |  |  |
|  | 4600 SILICON DRIVE   |  |  |  |
| City: DURHAM   |  |  |  |  |
| State/Country: NORTH CA  | AROLINA  |  |  |  |
| Postal Code: 27703   |  |  |  |  |
| Property Type  | Number   |  |  |  |
| II I I I I I I I I I I I I I I I I I I   | Number   |  |  |  |
| Application Number:  | Number 13842776  |  |  |  |
|  |  |  |  |  |
| Application Number:  CORRESPONDENCE DATA   |  |  |  |  |
| Application Number:  CORRESPONDENCE DATA  Fax Number: (2 Phone: 2  | 13842776<br>262)632-2257<br>62-632-6900  |  |  |  |
| Application Number:  CORRESPONDENCE DATA  Fax Number: (2 Phone: 20 Email: co   | 13842776<br>262)632-2257<br>62-632-6900<br>wipper@janlaw.com   |  |  |  |
| Application Number:  CORRESPONDENCE DATA  Fax Number: (2 Phone: 2 Email: cv Correspondence will be sent via US   | 13842776  262)632-2257 62-632-6900 wipper@janlaw.com 6 Mail when the email attempt is unsuccessful.  |  |  |  |
| Application Number:  CORRESPONDENCE DATA  Fax Number: (2 Phone: 2 Email: cv Correspondence will be sent via US Correspondent Name: T.  | 13842776<br>262)632-2257<br>62-632-6900<br>wipper@janlaw.com   |  |  |  |
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| Application Number:  CORRESPONDENCE DATA  Fax Number: (2 Phone: 20 Email: cv. Correspondence will be sent via US Correspondent Name: T. Address Line 1: 20   | 13842776  262)632-2257  62-632-6900 wipper@janlaw.com 6 Mail when the email attempt is unsuccessful. CATSTSANA V. FENSTER 45 MAIN STREET   |  |  |  |
| Application Number:  CORRESPONDENCE DATA  Fax Number: (2 Phone: 2 Email: cv Correspondence will be sent via US Correspondent Name: T. Address Line 1: 2 Address Line 4: R  | 13842776  262)632-2257  62-632-6900  wipper@janlaw.com  6 Mail when the email attempt is unsuccessful.  ATSTSANA V. FENSTER  45 MAIN STREET  ACINE, WISCONSIN 53403              |  |  |  |
| Application Number:  CORRESPONDENCE DATA  Fax Number: (2 Phone: 2! Email: cv. Correspondence will be sent via US Correspondent Name: T. Address Line 1: 2! Address Line 4: R  ATTORNEY DOCKET NUMBER:                    | 13842776  262)632-2257  62-632-6900 wipper@janlaw.com  8 Mail when the email attempt is unsuccessful.  ATSTSANA V. FENSTER  45 MAIN STREET  RACINE, WISCONSIN 53403  CR-268US    |  |  |  |
| Application Number:  CORRESPONDENCE DATA  Fax Number: (2 Phone: 20 Email: cv Correspondence will be sent via US Correspondent Name: T. Address Line 1: 20 Address Line 4: R  ATTORNEY DOCKET NUMBER:  NAME OF SUBMITTER: | 13842776  262)632-2257 62-632-6900 wipper@janlaw.com 6 Mail when the email attempt is unsuccessful. FATSTSANA V. FENSTER FACINE, WISCONSIN 53403  CR-268US  TATSTSANA V. FENSTER |  |  |  |

PATENT REEL: 031970 FRAME: 0400

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|                              | Assignment of Rights, Title and (Multiple inventors; sin             | Docket No. CR-268US                              |         |  |  |  |  |
|------------------------------|--|--|---------|--|--|--|--|
| This is an As                | signment of the following rights, title a                            | nd interest: (check all that apply):             |         |  |  |  |  |
| ×                            | United States of America rights, title and interest in the invention |  |         |  |  |  |  |
| ×                            |  |  |         |  |  |  |  |
| ×                            | United States Patent Application Serial No. 13/842,776               |  |         |  |  |  |  |
|                              | Date of Execution: Date of Filing: March 15, 2013                    |  |         |  |  |  |  |
|                              | United States Provisional Patent Application Serial No.              |  |         |  |  |  |  |
|                              | United States Patent No(s).  |  |         |  |  |  |  |
|                              | International (PCT) Patent Application Serial No.                    |  |         |  |  |  |  |
|                              | Other (specify)  |  |         |  |  |  |  |
| Title of the l               | invention (1986)   |  |         |  |  |  |  |
| Lens for W                   | ide Lateral-Angle Distribution                                       |  | ,       |  |  |  |  |
| Inventors (a                 |  |  |         |  |  |  |  |
| Name  Mario Alberto Castillo |  | Address 1210 Three Rivers Cir., New Braunfels, T | V 70420 |  |  |  |  |
|                              |  |  |         |  |  |  |  |
| Assignee                     |  |  |         |  |  |  |  |
|                              | Name   | Address  |         |  |  |  |  |
| Cree, Inc.                   |  | 4600 Silicon Drive<br>Durham, NC 27703           |         |  |  |  |  |

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PATENT ASSISAREVOZ

REEL: 031970 FRAME: 0401

## Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. CR-268US

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

| Name                   |          | Signature/Date  M. A. Carlill 04/19/2013 |            |  |
|------------------------|----------|--|------------|--|
| Mario Alberto Castillo | M        | A. Cartill                               | 04/19/2013 |  |
|                        |          |  |            |  |
|                        | <b>,</b> |  |            |  |
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**PATENT** 

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