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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94) Attorney Docket 536701-215PRCE To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Osram Opto Semiconductor GmbF Wernerwerkstrasse 2 Name: Osram GmbH Regensburg Germany 93049 Internal Address: Street Address: Hellabrunner Strasse 1 City: Munich State/Country: Germany Additional name(s) of conveying party(ies) attached? [] Yes [x] No Zip: 81536 3. Nature of conveyance: [x] Assignment [] Merger Additional name(s) & address(es) attached? [] Yes [x] No [] Security Agreement [] Change of Name Other Execution Date: November 16 2005 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) SN.: 10/048,667 B. Patent No.(s) Additional numbers attached? [] Yes [x] No 6. Total number of applications and 5. Name and address of party to whom correspondence concerning document should be mailed: patents involved: Name: Kent H. Cheng 7. Total fee (37 CFR 3.41):.....\$40.00 Internal Address: Cohen, Pontani, Lieberman & Pavane Enclosed Street Address: 551 Fifth Avenue, 12th Floor Authorized to be charged to deposit account 8. Deposit account number: 03-2412 City: New York State: New York Zip: 10176 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Kent H. Cheng Name of Person Signing December 1, 2005 Date Reg. No. 33,849 Signature Total number of pages including cover sheet, attachments, and document: 3

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PATENT

REEL: 017318 FRAME: 0070

Attorney Docket No. 5367-215PUS

CONFIRMATORY ASSIGNMENT

The Effective Date of this Assignment is September 30, 2003.

WHEREAS, Osram Opto Semiconductors GmbH, a German corporation with headquarters located at Wernerwerkstrasse 2, 93049 Regensburg, Germany (hereinafter "ASSIGNOR"), was the owner of the entire right, title, and interest in US patent application sorial no. 10/048,667 filed June 14, 2002;

WHEREAS, OSRAM GmbH, a German corporation with headquarters located at Hellabrunner Strasse 1, 81536, Munich, Germany, (hereinafter "ASSIGNEE"), was desirous of acquiring the entire right, title and interest in and to the above-mentioned patent application, including any and all letters Patent of the United States that may be obtained therefor:

NOW, THEREFORE, be it known that, pursuant to the terms of a contract entered into between ASSIGNOR and ASSIGNEE on September 30, 2003, for good and valuable consideration recited therein and paid by ASSIGNEE to ASSIGNOR, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does hereby confirm that, as of the Effective date, ASSIGNOR did sell, assign and transfer unto ASSIGNEE, it legal representatives, successors and assigns, its entire right, title and interest in and to the above-mentioned patent application, the same interest to be held by ASSIGNEE, its legal representatives, successors and assigns, to the full end of the term for which Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

AND, ASSIGNOR hereby confirms its agreement that the change in ownership may be recorded in the official records of the United States Patent and Trademark Office.

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18. Nov. 2005

OSRAM Frist:

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The undersigned is authorized to act on behalf of ASSIGNOR.

Osram Osram Semiconductors GmbH

Witness Signature:

Witness Name:

Witness Name:

Witness Signature:

Accepted for OSRAM GmbH

Senior Vice

President (GC)

T. Dauner

November 18, 2005 Date

Senior Director

(GC IP)

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