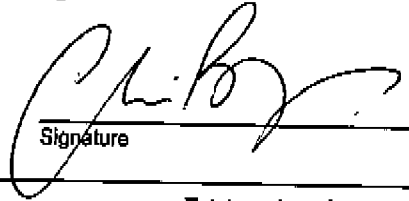


Substitute Form PTO-1595
 Attorney Docket No.: 12406-147US1
 Client's Ref. No.: P2003,0562 US N

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3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: Wilhelm Stein 07/21/2006 Reiner Windisch 03/08/2006 Ralph Wirth 03/06/2006 Ines Pietzonka 03/13/2006	4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 10/567,883 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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August 10, 2006

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ASSIGNMENT

For valuable consideration, we, WILHELM STEIN of Rotmoosstr. 15, 88131 Lindau Germany, REINER WINDISCH of Heidegasse 9, 93186 Pettendorf Germany, RALPH WIRTH of Herzog-Ludwig-Strasse 12, 93186 Pettendorf-Adlersberg Germany, INES PIETZONKA of Franz-von-Taxis-Ring 2, 93049 Regensburg Germany, hereby assign to: Osram GmbH, a corporation of Germany having a place of business at: Hellabrunner Straße 1, 81543 München Germany; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled RADIATION EMITTING SEMI-CONDUCTOR ELEMENT, filed 02/09/06, and assigned U.S. Serial Number 10/567,883, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

10-AUG-10. 2006. 1:14PM
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02-JUL-2006 10:21

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WILHELM STERN

Witnessed by:

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Date: _____

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Date: _____

REINER WINDISCH

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

10-AUG-10. 2006 1:14PM
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RALPH WIRTH

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INES PIETZONKA

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Name: _____

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Name: _____

Date: _____

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ASSIGNMENT

For valuable consideration, we, WILHELM STEIN of Rotmoosstr. 15, 88131 Lindau Germany, REINER WINDISCH of Heidegasse 9, 93186 Pettendorf Germany, RALPH WIRTH of Herzog-Ludwig-Strasse 12, 93186 Pettendorf-Adlersberg Germany, INES PIETZONKA of Franz-von-Taxis-Ring 2, 93049 Regensburg Germany, hereby assign to: Osram GmbH, a corporation of Germany having a place of business at: Hellabrunner Straße 1, 81543 München Germany; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled RADIATION EMITTING SEMI-CONDUCTOR ELEMENT, filed 02/09/06, and assigned U.S. Serial Number 10/567,883, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

WILHELM STEIN

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

Reiner Windisch

REINER WINDISCH

Witnessed by:

Name: *Alexander Jy*

Date: *2006-06-03*

Name: *Elke Ried*

Date: *2006 06-03*

Ralph Wirth
RALPH WIRTH

Witnessed by:

Name: Steischnaun

Date: 6th March 2006

Name: Beer

Date: 6th March 2006

Ines Pietzonka
INES PIETZONKA

Witnessed by:

Name: Max Schlegel

Date: 13.3.06

Name: Hartmut H. H.

Date: 13/3/06

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