

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ewald Karl Guenther	09/04/2002
RECEIVING PARTY DATA	
Name:	Osram GmbH
Street Address:	Hellabruner Strasse 1
City:	Munich
State/Country:	GERMANY
Postal Code:	D-81543
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11674098
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	12406-102002
NAME OF SUBMITTER:	Carlos A. Brasil

CH \$40.00 11674098

Total Attachments: 4
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ASSIGNMENT

For good and valuable consideration, I, Ewald GUENTHER, residing at 21D Mt Sinai Rise, Singapore 276938, a citizen of Germany;

Hereby sell, assign, and transfer to **Osram Opto Semiconductors GmbH**, a corporation of **Germany**, having its principal place of business at **Wernerwerkstrasse 2, D-93049 Regensburg, Germany**;

hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewithin, and is entitled:

ENCAPSULATION OF ELECTRONIC DEVICES WITH SHAPED SPACERS

and in and to said application and all divisional, continuing substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;


Agree that Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, their successors, assigns, and legal representatives to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and


PATENT**REEL: 019095 FRAME: 0627**

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 04/09/02


Ewald GUENTHER

Witness 1: TAI CHOON FAI 
(print name)

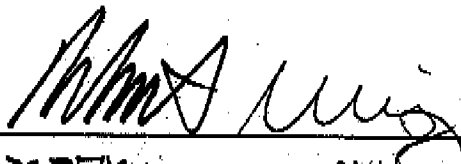
Witness 2: 
(print name) CARMEN NG

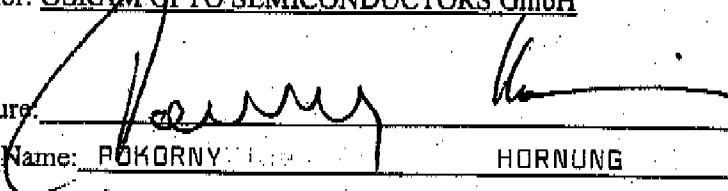
Attorney Docket No: 12406-102001/P2002.0611 US E1

ASSIGNMENT

For valuable consideration, Osram Opto Semiconductors GmbH, a corporation of Germany, having a place of business at Wernerwerkstrasse 2, 93049 Regensburg, Germany; hereby assigns to Osram GmbH, having a place of business at Hellabrunner Strasse 1, D-81543, Munich, 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 me, entitled ENCAPSULATION OF ELECTROLUMINESCENT DEVICES WITH SHAPED SPACERS, filed 9/30/2002, and assigned U.S. Serial Number 10/065,254; 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 I authorize the Assignee to apply in all countries in my 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 I agree for me and my 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.

Attorney Docket No: 12406-102001/P2002,0611 US E1

Signature:  Date July 22, 2005
 Typed Name: Dr. Rüdiger R. Wittgen
 Title: CEO CEO
 Assignor: OSRAM OPTO SEMICONDUCTORS GmbH

Signature:  Date July 29, 2005
 Typed Name: POKORNY, J. HORNUNG
 Title: Senior Vice President Senior Legal Counsel
 Assignee: OSRAM GmbH

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