

PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michelle Kun Huang	03/20/2008
Julius Muschaweck	03/06/2008
Francis Nguyen	03/17/2008
Felix Michel	03/06/2008

RECEIVING PARTY DATA

Name:	Osram Opto Semiconductors GmbH
Street Address:	Leibnizstrasse 4
City:	93055 Regensburg
State/Country:	GERMANY

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11956646

CORRESPONDENCE DATA

Fax Number: (877)769-7945
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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Email: forrest@fr.com
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Address Line 1: FISH & RICHARDSON P.C.
Address Line 2: P.O.BOX 1022
Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 12406-234001

NAME OF SUBMITTER: Cheryl A. Forrest

Total Attachments: 9
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PATENT

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Attorney's Docket No.: 12406-234001 / P2006,1303 US E1

ASSIGNMENT

For valuable consideration, we, MICHELLE KUN HUANG of 194 Burwyck Park Drive, Saline, MI 48176, JULIUS MUSCHAWECK of Zugspitzstrasse 66, 82131 Gauting, Germany, FRANCIS NGUYEN of 242 Barclay Avenue, Millbrae, CA 94030, FELIX MICHEL of Winnender Strasse 20, 71522 Backnang, Germany, hereby assign to:

Osram Opto Semiconductors GmbH, a corporation of Germany having a place of business at:

Leibnizstrasse 4
93055 Regensburg
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 ILLUMINATION DEVICE AND DISPLAY WITH ILLUMINATION DEVICE, filed 12/14/2007, and assigned U.S. Serial Number 11/956,646, 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.

Attorney's Docket No.: 12406-234001 / P2006,1303 US E1

Date: 3-20-08
MICHELLE KUN HUANG

Witnessed by:

Name: Emily EdwardsDate: March 26, 2008Name: Philip R. CoxDate: March 31, 2008

Date: _____

JULIUS MUSCHaweck

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

Date: _____

FRANCIS NGUYEN

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

Attorney's Docket No.: 12406-234001 / P2006,1303 US E1

Date: _____

FELIX MICHEL

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

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Attorney's Docket No.: 12406-234001 / P2006,1303 US E1

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Date: _____

MICHELLE KUN HUANG

Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

Date: March 6, 2008
JULIUS MUSCHAWECK

Witnessed by:

Name: Andreas BarthDate: March 6, 2008 A. Barth

Name: _____

Date: _____

Date: _____

FRANCIS NGUYEN

Witnessed by:

Name: _____

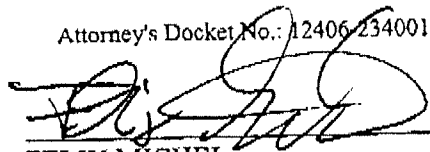
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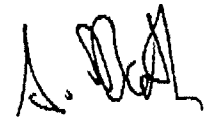
Date: March 6, 2008


FELIX MICHEL

Witnessed by:

Name: Andreas Barth

Date: March, 2008



Name: _____

Date: _____

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MICHELLE KUN HUANG

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Date: _____

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Date: _____

JULIUS MUSCHAWECK

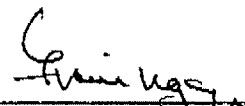
Witnessed by:

Name: _____

Date: _____

Name: _____

Date: _____

(17 MARCH 2008)
Date: 3/17/08
FRANCIS NGUYEN

Witnessed by:

Name: 

Date: 3/17/08

Name: 

Date: 3/17/08

Attorney's Docket No.: 12406-234001 / P2006,1303 US E1

Date: _____

FELIX MICHEL

Witnessed by:

Name: _____

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