501976451 07/03/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Krister Bergenek	06/13/2012
Christopher Wiesmann	06/13/2012
Thomas F. Krauss	06/21/2012

RECEIVING PARTY DATA

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

Name:	The University Court of the University of St. Andrews
Street Address:	College Gate, North Street
City:	St. Andrews, Fife
State/Country:	UNITED KINGDOM
Postal Code:	KY169AJ

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13514395

CORRESPONDENCE DATA

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via US Mail.

Correspondent Name: T. Daniel Christenbury
Address Line 1: One Liberty Place

PATENT

REEL: 028480 FRAME: 0917

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ATTORNEY DOCKET NUMBER:	EHF-12-1113	
NAME OF SUBMITTER:	Carol Coney	
Total Attachments: 3 source=EHF-12-1113#page1.tif source=EHF-12-1113#page2.tif source=EHF-12-1113#page3.tif		

PATENT REEL: 028480 FRAME: 0918

P2009,1518 US N (FNK/HBA)

EHF-12-1113

Sheet 3 of 3

ASSIGNMENT

WHEREAS, we, Krister Bergenek, Christopher Wiesmann and Thomas F. Krauss, citizens of Sweden, Germany and Germany, respectively, residing at Bedelgasse 20, 93059 Regenshurg, Germany; Theresianumweg 4a, 82256 Fürstenfeldbruck, Germany and Barony Cottage, 12 Millgate, Cupar, Fife KY15 5ER, United Kingdom, respectively, (hereinafter referred to as "the undersigned"), having made an invention entitled OPTOELECTRONIC SEMICONDUCTOR COMPONENT AND PHOTONIC CRYSTAL, identified in International Application No. PCT/EP2010/066647, and US Application No. 13/514,395,

WHEREAS, OSRAM Opto Semiconductors GmbH, with offices at Leibnizstrasse 4, 93055 Regensburg, Germany, AND The University Court of the University of St. Andrews, with offices at College Gate, North Street, St. Andrews, Fife KY16 9AJ, United Kingdom (hereinafter referred to as "the assignees"), are desirous of acquiring the entire right, title and interest in said invention, said US application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignees the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, including said US application, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said invention, and all letters patent and reissues thereof, issuing for said invention in the United States of America and in any and all foreign countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignees, or their successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the assignees, and to execute all instruments proper to carry out the intent of this instrument. If the undersigned includes more than one individual, these obligations shall apply to all of the undersigned both individually and collectively.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

EXECUTED on the date(s) set forth below.

Date	Krister Bergenek
Date	Christopher/Wiesmann
21 06 2012 Date	Thomas F. Krauss

EAST\48622273.1

P2009,1518 US N (FNK/HBA)

Sheet 1 of 3

EHF-12-1113

ASSIGNMENT

WHEREAS, we, Krister Bergenek, Christopher Wiesmann and Thomas F. Krauss, citizens of Sweden, Germany and Germany, respectively, residing at Bedelgasse 20, 93059 Regensburg, Germany; Theresianumweg 4a, 82256 Fürstenfeldbruck, Germany and Barony Cottage, 12 Millgate, Cupar, Fife KY15 5ER, United Kingdom, respectively, (hereinafter referred to as "the undersigned"), having made an invention entitled OPTOELECTRONIC SEMICONDUCTOR COMPONENT AND PHOTONIC CRYSTAL, identified in International Application No. PCT/EP2010/066647, and US Application No. 13/514,395,

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EXECUTED on the date(s) set forth below.	. //
13 June 2012 Date	Krister Bergenek
Date	Christopher Wiesmann
Date	Thomas F. Krauss

EAST\48622273.1

P2009,1518 US N (FNK/HBA)

EHF-12-1113

Sheet 2 of 3

ASSIGNMENT

WHEREAS, we, Krister Bergenek, Christopher Wiesmann and Thomas F. Krauss, citizens of Sweden, Germany and Germany, respectively, residing at Bedelgasse 20, 93059 Regensburg, Germany; Theresianumweg 4a, 82256 Fürstenfeldbruck, Germany and Barony Cottage, 12 Millgatc, Cupar, Fife KY15 5ER, United Kingdom, respectively, (hereinafter referred to as "the undersigned"), having made an invention entitled OPTOELECTRONIC SEMICONDUCTOR COMPONENT AND PHOTONIC CRYSTAL, identified in International Application No. PCT/EP2010/066647, and US Application No. 13/514,395,

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EXECUTED on the date(s) set forth below.

Date	Krister Bergenek
13 06/13/2012 Date	Christopher Wiesmann
Date	Thomas F. Krauss

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PATENT REEL: 028480 FRAME: 0921