PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3509896

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OSRAM OPTO SEMICONDUCTORS GMBH	06/19/2015

RECEIVING PARTY DATA

Name:	OSRAM OLED GMBH
Street Address:	WERNERWERKSTRASSE 2
City:	REGENSBURG
State/Country:	GERMANY
Postal Code:	93049

PROPERTY NUMBERS Total: 49

Property Type	Number
Application Number:	10298731
Application Number:	14333680
Application Number:	10325066
Application Number:	10673588
Application Number:	10214024
Application Number:	14561754
Application Number:	10417004
Application Number:	11392353
Application Number:	10403565
Application Number:	10658722
Application Number:	10585182
Application Number:	10812568
Application Number:	10853570
Application Number:	11378219
Application Number:	10181744
Application Number:	10939250
Application Number:	11054997
Application Number:	11547205
Application Number:	11294904
Application Number:	11412400

PATENT REEL: 036527 FRAME: 0179

503463271

Property Type	Number
Application Number:	12246782
Application Number:	11400754
Application Number:	11205530
Application Number:	11200453
Application Number:	11215548
Application Number:	11238333
Application Number:	11236176
Application Number:	11223377
Application Number:	11264516
Application Number:	11947458
Application Number:	11345795
Application Number:	12092075
Application Number:	11238888
Application Number:	11345835
Application Number:	11356389
Application Number:	11677269
Application Number:	11755558
Application Number:	13153639
Application Number:	10599939
Application Number:	12144516
Application Number:	11952029
Application Number:	11961896
Application Number:	11766028
Application Number:	11923386
Application Number:	13274462
Application Number:	11948866
Application Number:	12065814
Application Number:	12065859
Application Number:	12065862

CORRESPONDENCE DATA

Fax Number: (877)769-7945

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (617) 521-7857 **Email:** apsi@fr.com

Correspondent Name: MARC M. WEFERS

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

PATENT

REEL: 036527 FRAME: 0180

ATTORNEY DOCKET NUMBER:	12406-0169001
NAME OF SUBMITTER:	CHERYL A. FORREST
SIGNATURE:	/Cheryl A. Forrest/
DATE SIGNED:	09/02/2015
Total Attachments: 5	
source=ExecutedAssignment#page1.tif	
source=ExecutedAssignment#page2.tif	
source=ExecutedAssignment#page3.tif	
source=ExecutedAssignment#page4.tif	
source=ExecutedAssignment#page5.tif	

EHF-Ref.: P2014,0680 AC 01 (FM/SSE)

Page 1 of 3 of Assignment

from OSRAM Opto Semiconductors GmbH to OSRAM OLED GmbH

ASSIGNMENT

WHEREAS, OSRAM Opto Semiconductors GmbH, a corporation of Germany, with its principal place of business located at Leibnizstr. 4, Regensburg, Germany 93055 ("Assignor") is the owner of the entire right, title and interest in and to the following US Patent and Applications, and of the inventions therein described:

see the attached list

WHEREAS, OSRAM OLED GmbH, a corporation of Germany, with its principal place of business located at Wernerwerkstrasse 2, 93049 Regensburg, Germany ("Assignee"), is desirous of acquiring the entire right, title and interest in and to said US Patent and Applications;

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, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said US Patent and Applications, all divisions and continuations thereof, all rights to claim priority based thereon, all rights to file foreign applications on said inventions, and all letters patents and reissues thereof, issuing for said inventions 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 assignee, or ist 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 inventions, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the inventions in the United States of America and foreign countries in the name of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

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

EXECUTED under seal on June 49 , 20,65

OSRAM Opto Semiconductors GmbH

NameAldo Karokar

samedIOO Vambei

Title: President & CEO

PATENT

REEL: 036527 FRAME: 0182

EHF-Ref.: P2014,0680 AC 01 (FM/SSE)

Page 2 of 3 of Assignment

from OSRAM Opto Semiconductors GmbH to OSRAM OLED GmbH

Application Number	Patent Number	Docket Number
10/298,731	7,219,978	12406-169001
14/333,680		12406-0083002
10/325,066	6,683,277	12406-166001
10/673,588	6,797,919	12406-166002
10/214,024	7,121,642	12406-160001
14/561,754		12406-0167006
10/417,004	7,018,007	12406-162001
11/392,353	7,630,782	12406-162002
10/403,565	7,365,442	12406-151001
10/658,722	7,132,788	12406-157001
10/585,182	7,858,724	12406-0195US1
10/812,568	7,629,061	12406-155001
10/853,570	7,278,760	12406-084001
11/378,219		12406-149002
10/181,744	6,984,737	12758-061US1
10/939,250	7,078,726	12406-163001
11/054,997	7,504,770	12406-158001
11/547,205	8,580,392	12406-217US1
11/294,904	7,679,282	12406-159001
11/412,400	7,436,064	12406-176001
12/246,782	7,563,707	12406-176002
11/400,754	7,473,924	12406-172001
11/205,530	7,626,332	12406-0189001
11/200,453	7,576,356	12406-194001
11/215,548	7,586,245	12406-215001
11/238,333	7,358,526	12406-180001
11/236,176	8,101,941	12406-175001
11/223,377	8,232,721	12406-192001
11/264,516	7,420,323	12406-0204001
11/947,458	7,834,546	12406-205002
11/345,795	7,321,193	12406-205001
12/092,075	8,330,348	12406-300US1
11/238,888	7,772,761	12406-191001
11/345,835		12406-184001
11/356,389	7,667,383	12406-209001

EHF-Ref.: P2014,0680 AC 01 (FM/SSE)

Page 3 of 3 of Assignment

from OSRAM Opto Semiconductors GmbH to OSRAM OLED GmbH

Application Number	Patent Number	Docket Number
11/677,269	7,586,265	12406-238001
11/755,558	7,994,715	12406-249001
13/153,639	8,317,561	12406-0249002
10/599,939	8,288,861	12406-0225US1
11/924,348		12406-269001
12/144,516	8,330,053	12406-269002
11/952,029		12406-273001
11/961,896	8,330,360	12406-0275001
11/766,028	8,830,695	12406-246001
11/923,386	8,193,698	12406-267001
13/274,462	8,773,014	12406-0267002
11/948,866	7,635,954	12406-272001
12/065,814	7,947,975	12406-282US1
12/065,859	8,221,903	12406-284US1
12/065,862	8,481,785	12406-0283US1

URNr.^A 1144/2015

I hereby certify, that the document affixed and sealed hereto was acknowledged in my presence by

Mister Aldo Kamper, born on June 4th, 1970, business address D-93055 Regensburg, Leibnizstraße 4, Germany

and

Mister Thomas Thomas Lorenz, born on January 3rd, 1963, business address D-93055 Regensburg, Leibnizstraße 4, Germany

both personally known to me, the notary.

Regensburg, this 19th day of June, 2015

Dr. Andreas Albrecht, Notary Public in Regensburg/Germany

my commission expires on May 31st, 2028

Certificate

Upon inspection of the Commercial Register of Regensburg on July 23rd, 2015, I further certify that the company OSRAM Opto Semiconductors GmbH with it's seat in Regensburg/Germany is registered with the Municipal Court of Regensburg -Commercial Register- under No. 8522 and that Mister Aldo Kamper and Mister Thomas Lorenz are registered as managers of this company who are entitled to act jointly as the company's legal representatives.

Regensburg, July 23rd, 2015



Dr. Andreas Albrecht, Notary Public in Regensburg

PATENT REEL: 036527 FRAME: 0186

RECORDED: 09/02/2015