PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4864098

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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KARL-HEINZ OBERKOXHOLT	12/20/2017
CHRISTOPH PEITZ	01/15/2018
MICHEL STUTZ	12/20/2017
ANDREJ WALLWITZ	01/15/2018

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15836608

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ATTORNEY DOCKET NUMBER:	8731-142153-US
NAME OF SUBMITTER:	RUDY I. KRATZ
SIGNATURE:	/Rudy I. Kratz/
DATE SIGNED:	03/13/2018

Total Attachments: 6

PATENT REEL: 045190 FRAME: 0665

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PATENT REEL: 045190 FRAME: 0666

Attorney Docket 8731-142153-US

ASSIGNMENT

I, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign and sell, which confirms any previous assignment by me or by operation of law, to OSRAM GmbH, a German company, having its principal place of business at Marcel-Breuer-Straße 6, 80807 München Germany ("Assignee"), its successors, assigns, and legal representatives, the entire right, title, and interest, in and to all subject matter and improvements invented, made, or conceived by me and described in the application for patent entitled

OPERATING OF A TRANSMISSION DEVICE OF A LIGHTING DEVICE COMPRISING AN ILLUMINATION DEVICE

having Application Number 15/836,608, filed December 8, 2017, and in and to all patent and all patent convention and treaty rights of all kinds, including the right to claim priority from said application, and all rights in and to any utility model, continuation, continuation-in-part, and divisional application therefrom, and any reissue or re-examination as to any patent issuing therefrom, in all countries throughout the world, for all such subject matter described therein, including all rights of action and rights to recover damages for past infringements.

I agree that on request and without further consideration, I will communicate to the Assignee or its representatives or nominees any facts known to me respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers, and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Page 1 of 6

	Attorney Docket 8731-142153-U
Legal Name of Inventor: (Given names first, with Family name last)	Henry Feil
Inventor's Signature:	Almy 72
Date:	20 : Deces S. 2017
Inventor's Address:	Nordstraße 5 82008 Unterhaching
	Germany
	Germany <u>に</u> day of <u>December 2017</u> , by the
forementioned individual known to me	Germany A day of December 2017, by the to be the person named in this assignment.
	Germany <u>に</u> day of <u>December 2017</u> , by the

Karl-Heinz Oberkoxholt Stiftsbogen 120 81375 München

Attorney Docket 8731-142153-US

Executed in my presence on this 20+4 day of Occase by the aforementioned individual known to me to be the person named in this assignment.

Germany

First Witness (Signature)

Legal Name of Inventor:

Inventor's Signature:

Inventor's Address:

Date:

(Gaven names first, with Family name last)

Second Witness (Signature)

Second Witness (Typed or Printed)

Page 3 of 6

Attorney	Docket	8731-3	142153-	US
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Legal Name of Inventor: (Given names first, with Family name last)	Christoph Peitz
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Inventor's Address:	Schubertstraße 10 59556 Lippstadt Germany
Executed in my presence on this/ 5s aforementioned individual known to me	day of <u>James 7018</u> , by the to be the person named in this assignment.
J-5 816	
First Witness (Signature)	Second Witness (Signature)
JEWS BRITWER	Aleksands Federlow
First Witness (Typed or Printed)	Second Witness (Typed or Printed)

Attorney Docket 8731-142153-US

Legal Name of Inventor: (Given names first, with Family name last)	Michel Stutz
Inventor's Signature:	Midel Juh
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Executed in my presence on this	day of, by the be the person named in this assignment.
A	<u> </u>
First Witness (Signature)	Second Witness (Signature)
Muhaman ad Asyl I Ardrad First Witness (Typed or Printed)	Second Witness (Typed or Printed)

Page 5 of 6

Legal Name of Inventor: Given names first, with Family name last)	Andrej Wallwitz
nventor's Signature:	1 CARS
Date:	15 January 7018
nventor's Address:	Terofalstraße 79 80689 München Germany
recuted in my presence on this/_ forementioned individual known to me	day of
At Misso vsh Witness (Signature) Ieno Mitiria	Second Witness (Signature) Managed Aged Archad

Page 6 of 6