

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5642412

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROBERT WOLF	06/28/2019
SÖREN SOFKE	06/28/2019
PHILIPP GERLACH	07/17/2019
SUSANNE WEIDENFELD	06/28/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ROBERT BOSCH GMBH
<b>Street Address:</b>	WERNERSTRASSE 1
<b>City:</b>	STUTTGART
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	70469
<b>Name:</b>	KONINKLIJKE PHILIPS N.V.
<b>Street Address:</b>	HIGH TECH CAMPUS 5
<b>City:</b>	AE EINDHOVEN
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	5656
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16525722
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	3176382922
<b>Email:</b>	docketing@maginot.com
<b>Correspondent Name:</b>	MAGINOT, MOORE & BECK, LLP
<b>Address Line 1:</b>	ONE INDIANA SQUARE
<b>Address Line 2:</b>	SUITE 2200
<b>Address Line 4:</b>	INDIANAPOLIS, INDIANA 46204
<b>ATTORNEY DOCKET NUMBER:</b>	2195-0037

<b>NAME OF SUBMITTER:</b>	MICHAEL D. BECK
<b>SIGNATURE:</b>	/Michael D. Beck/
<b>DATE SIGNED:</b>	07/30/2019
<b>Total Attachments: 6</b> source=2195-0037_Executed_Assignment#page1.tif source=2195-0037_Executed_Assignment#page2.tif source=2195-0037_Executed_Assignment#page3.tif source=2195-0037_Executed_Assignment#page4.tif source=2195-0037_Executed_Assignment#page5.tif source=2195-0037_Executed_Assignment#page6.tif	

ASSIGNMENT

Pursuant to our obligation to Robert Bosch GmbH & Koninklijke Philips N.V.  
(hereinafter referred to as "Assignee"), a German Company and a Netherlands Company  
having mailing addresses at:

Robert Bosch GmbH  
Wernerstrasse 1  
70469 Stuttgart  
GERMANY

Koninklijke Philips N.V.  
High Tech Campus 5  
5656 AE Eindhoven  
NETHERLANDS

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged,  
we:

WOLF, Robert  
Am Flössertgraben 7  
01109 Dresden  
GERMANY

SOFKE, Sören  
Provenceweg 8  
72072 Tübingen  
GERMANY

GERLACH, Philipp  
Edith-Stein-Ring 24  
89081 Ulm  
GERMANY

WEIDENFELD, Susanne  
Hohenneuffenweg 10  
73235 Weilheim  
GERMANY

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors  
and assigns, except as set forth below, my entire right, title and interest -

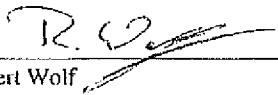
(1) in and to an invention entitled "***A METHOD OF ESTIMATING A CONDITION PARAMETER OF A LASER DIODE WITH AN ASSOCIATED PHOTODIODE, APPARATUS FOR MONITORING THE OPERATION OF SUCH A LASER DIODE AND PARTICULAR SENSOR APPARATUS***" for which we have executed a United States patent application, said United States application being assigned serial no. 16/525,722, filed on July 30, 2019 claiming priority to German Application No. DE 10 2018 212 689.5, filed on July 30, 2018.

(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), reissue applications, and international patent applications designating the United States) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted; and

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including patent applications filed under the Patent Cooperation Treaty, the European Patent Convention or any other international treaty, and including the right to claim priority of said United States application, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

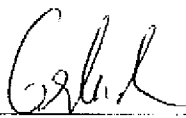
MMB Docket No. 2195-0037  
ISARPATENT REF.: P45971-US

  
Robert Wolf \_\_\_\_\_ Date June 28, 2014

MMB Docket No. 2195-0037  
ISARPATENT REF.: P45971-US

Sören Sofke

Date 2019-06-28



Philipp Gerlach

MMB Docket No. 2195-0037  
ISARPATENT REF. P45971-US

Date 17.7.2019

MMB Docket No. 2195-0037  
ISARPATENT REF.: P45971-US

*S. Weidenfeld*

Susanne Weidenfeld

Date 28.06.2019