505749685 10/30/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HO HOAI DUC NGUYEN	09/16/2019
LIN LIN	10/15/2019
PETER HORVATH	09/12/2019
THOMAS SCHULER	09/12/2019

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16492788

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ATTORNEY DOCKET NUMBER:	17275-268001
NAME OF SUBMITTER:	SEEMA M. MEHTA
SIGNATURE:	/Seema M. Mehta/
DATE SIGNED:	10/30/2019

Total Attachments: 4

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PATENT 505749685 REEL: 050868 FRAME: 0518

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> PATENT REEL: 050868 FRAME: 0519

Attorney Docket No.: 17275-268001; SDE2192

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

Valeo Schalter und Sensoren GmbH

having the following address:

Laiernstrasse 12 74321 Bietigheim-Bissingen GERMANY

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

OPTICAL EMISSION DEVICE FOR LASER PULSES WITH SELECTIVE OPTICAL SYSTEM

for which the INVENTOR(S) or COMPANY has/have made an application for patent in the United States of America, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

- To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
- To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
- 3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP THE POWER TO INSERT ON THIS ASSIGNMENT ANY FURTHER IDENTIFICATION WHICH MAY BE NECESSARY OR DESIRABLE IN ORDER TO COMPLY WITH THE RULES OF THE UNITED STATES PATENT AND TRADEMARK OFFICE FOR THE RECORDATION OF THIS DOCUMENT.



22511
PATENT TRADEMARK OFFICE

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

16.09.2019	1 st Inventor Signature:	<u> </u>
Date	Print or Type Name:	Ho Hoai Duc Nguyen
	2nd Inventor Signature:	
Date	Print or Type Name:	Lin Lin
	3 rd Inventor Signature:	
Date	Print or Type Name:	Peter Horvath
	4th Inventor Signature:	
Date	Print or Type Name:	Thomas Schuler

When this Assignment is <u>not filed concurrently with the patent application</u>, the following identifying information may be added <u>after execution</u>:

U.S. Application Serial No.: 16/492,788

Filing Date: September 10, 2019



IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

	1 st Inventor Signature:		
Date	Print or Type Name:	Ho Hoai Duc Nguyen	
15.10.2019	gud inventor Signature:	<i>坛</i> 林 林	
Date	Print or Type Name:	Lin Lin	
	3rd Inventor Signature:		
Date	Print or Type Name:	Peter Horvath	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	gin Inventor Signature:		
Date	Print or Type Name:	Thomas Schulcr	

When this Assignment is <u>not filed concurrently with the patent application</u>, the following identifying information may be added <u>after execution</u>:

U.S. Application Serial No.: 16/492,788

Filing Date: September 10, 2019



PATENT REEL: 050868 FRAME: 0522 IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

3 st Inventor Signature

Date	Print or Type Name:	Ho Hoai Duc Nguyen
	Augustusia Silaminis	
Date	Print or Type Name:	Lin Lin
12.09.19.	Zrd inévnitor Signaturé:	Mary
Date	Print or Type Name:	Peter Horvathy
12.08.18	A di Inventor Signature:	J. Shele
Date	Print or Type Name:	Thomas Schuler

ASSIGNMENT -- WORLDWIDE Page 2
OSHA LIANG LLP

U.S. Application Serial No.: 16/492,788

Filing Date: September 10, 2019

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RECORDED: 10/30/2019 REEL: 050868 FRAME: 0523