505472977 05/13/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5519780

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY	DATA					
		I	Name		Execution Date	
QIONG GU					03/02/2019	
HOLGER HOFFMANN					05/06/2019	
THOMAS SLAVIK					03/28/2019	
	DATA					
Name:	VALEC	VALEO SIEMENS EAUTOMOTIVE GERMANY GMBH				
Street Address:	FRAU	FRAUENAURACHER STR. 85				
City:	ERLA	ERLANGEN				
State/Country:	GERM	GERMANY				
Postal Code:	91056	91056				
PROPERTY NUMBE	RS Total: ⁻	1		_		
Property Typ	De		Number			
Application Number		16332	16332204			
CORRESPONDENCE Fax Number:	E DATA	(700)				
	l be sent t	• •	519-7769 e-mail address first; if that is un	successi	ful, it will be sent	
			hat is unsuccessful, it will be set			
Phone: 7035			199785			
Email:			@uspatentagents.com			
			ESAKA BERNER AND PARTNERS LLP			
			MILL ROAD			
			E 1400 (ANDRIA, VIRGINIA 22314-2848			
Address Line 4:		ALEA	ANDRIA, VINGINIA 22314-2846			
ATTORNEY DOCKET NUMBER:			GAS-123			
NAME OF SUBMITTER:			MANABU KANESAKA			
SIGNATURE:			/Manabu Kanesaka/			
DATE SIGNED:			05/13/2019			
Total Attachments: 3						
source=GAS-123-Assi		•				
source=GAS-123-Assig		•				
source=GAS-123-Assi	gnment#pa	.ge3.tif				

ASSIGNMENT

For value received, we, 1) Qiong GU; 2) Holger HOFFMANN and 3) Thomas SLAVIK having residing respectively at 1) Koldestr. 4, 91052 Erlangen, Germany; 2) Grundstr. 20, 91093 Hessdorf, Germany and 3) Frevjastr. 25, 90513 Zirndorf, Germany hereby sell, assign and transfer to VALEO SIEMENS EAUTOMOTIVE GERMANY GMBH located at Frauenauracher str. 85, <u>91056 Erlangen, Germany a corporation existing under the laws of Germany and its successors.</u> assigns, and legal representatives the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to METHOD FOR OPERATING A CURRENT CONVERTER AND CURRENT CONVERTER OPERATING ACCORDING TO SAID METHOD described in application for Letters Patent of the United States, executed by me/us on this date, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all patents on said improvements or resulting therefrom to said Company as assignee of the entire interest, and covenant that I/We have full right so to do, and agree that I/We will communicate to said Company or its representatives any facts known to me/us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

Signature Olong GU Date 2. Mai 2019

Signature ______ Holger HOFFMANN

Date	

Date ____

Signature ____

2016P16010WOUS

Thomas SLAVIK

592778SI

PATENT REEL: 049159 FRAME: 0560

VSEA LILLGIUS

ASSIGNMENT

For value received, we, 1) Olong GU; 2) Holger HOFFMANN and 3) Thomas SLAVIK having residing respectively at 1) Koldestr. 4, 91052 Erlangen, Germany: 2) Grundstr. 20, 91093 Hessdorf, Germany and 3) Freviastr. 25, 90513 Zimdorf, Germany hereby sell, assign and transfer to VALEO SIEMENS EAUTOMOTIVE GERMANY GMBH located at Frauenauracher str. 85, 91056 Erlangen, Germany a corporation existing under the laws of Germany and its successors, assigns, and legal representatives the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to METHOD FOR OPERATING A CURRENT CONVERTER AND CURRENT CONVERTER OPERATING ACCORDING TO SAID METHOD described in application for Letters Patent of the United States, executed by me/us on this date, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all patents on said improvements or resulting therefrom to said Company as assignce of the entire interest, and covenant that I/We have full right so to do, and agree that I/We will communicate to said Company or its representatives any facts known to me/us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

Signature _____ Qiong GU

Date

Signature ______Hulge_____H

______ Date _____06.05.2645____

Signature ____

Thomas SLAVIK

Date

......

PATENT REEL: 049159 FRAME: 0561

ASSIGNMENT

For value received, we, 1) Qiong GU: 2) Holger HOFFMANN and 3) Thomas SLAVIK having residing respectively at 1) Koldestr. 4, 91052 Erlangen, Germany, 2) Grundstr, 20, 91093 Hessdorf, Germany and 3) Freyjastr. 25, 90513 Zirndorf, Germany hereby sell, assign and transfer to VALEO SIEMENS EAUTOMOTIVE GERMANY GMBH located at Frauenauracher str. 85, 91056 Erlangen, Germany a corporation existing under the laws of <u>Germany</u> and its successors, assigns, and legal representatives the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to METHOD FOR OPERATING A CURRENT CONVERTER AND CURRENT CONVERTER OPERATING ACCORDING TO SAID METHOD described in application for Letters Patent of the United States, executed by me/us on this date, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all patents on said improvements or resulting therefrom to said Company as assignee of the entire interest, and covenant that I/We have full right so to do, and agree that I/We will communicate to said Company or its representatives any facts known to me/us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

Signature _____ Date _____

Signature ______ Holger HOFFMANN

Date

Signature Slark Thomas Date 28.3.19 Thomas SLAV

PATENT REEL: 049159 FRAME: 0562

RECORDED: 05/13/2019