505566468 07/11/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5613265

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHANNES KOCH	05/02/2019
ALFONS LAUMANN	05/14/2019
SEBASTIAN PYTEL	06/05/2019

RECEIVING PARTY DATA

Name:	VOLKSWAGEN AKTIENGESELLSCHAFT
Street Address:	BERLINER RING 2
City:	WOLFSBURG
State/Country:	GERMANY
Postal Code:	D-38440
Name:	BOGE ELASTMETALL GMBH
Street Address:	DRJUERGEN-ULDERUP-PLATZ 1
City:	DAMME
State/Country:	GERMANY
Postal Code:	D-49401

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16388232

CORRESPONDENCE DATA

Fax Number: (703)621-7155

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: 7036217140

Email: MAILROOM@MG-IP.COM

Correspondent Name: MUNCY, GEISSLER, OLDS & LOWE, P.C.

Address Line 1: 4000 LEGATO ROAD

Address Line 2: SUITE 310

Address Line 4: FAIRFAX, VIRGINIA 22033

ATTORNEY DOCKET NUMBER: 1129/0101PUS1

NAME OF SUBMITTER: MARTIN R. GEISSLER

PATENT REEL: 049724 FRAME: 0514

505566468

SIGNATURE:	/Martin R. Geissler/
DATE SIGNED:	07/11/2019
Total Attachments: 6	
source=2019-07-11_Assignment_1129_	_0101PUS1#page1.tif
source=2019-07-11_Assignment_1129_	_0101PUS1#page2.tif
source=2019-07-11_Assignment_1129_	_0101PUS1#page3.tif
source=2019-07-11_Assignment_1129_	_0101PUS1#page4.tif
source=2019-07-11_Assignment_1129_	_0101PUS1#page5.tif
source=2019-07-11_Assignment_1129_	_0101PUS1#page6.tif

PATENT REEL: 049724 FRAME: 0515

MUNCY, GEISSLER, OLDS & LOWE, P.C.

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

•	•	•		,
	Application No. <u>16/388,232</u>		Filed April 18, 2019)
Insert Name(s) of Inventor(s)				. •
	WHEREAS, Johannes KOCH, Alfons LAUMA	NN and Sebastian P	YTEL	
	(hereinafter designated as the undersigned) has			ments in
Insert Title of Invention	FUNCTIONAL COMPONENT FOR INFLUENCE A FUNCTIONAL COMPONENT FOR INFLUENCE	ING TANK VENTU CING TANK VENT	LATION AND ARRAM VILATION ON AN INT	NGEMENT OF TAKE PIPE
. • • •	for which an application for Letters Patent of the Un (except in the case of a provisional application).	ited States of Americ	ca has been executed by	the undersigned
Insert Date		•	* *	
of Signing of Application	on 02. May 2019	. '		; and
Insert Name of Assignee	WHEREAS, Volkswagen Aktiengesellschaft w GERMANY, and BOGE Elastmetall GmbH w Damme, GERMANY			
	its heirs, successors, legal representatives and assigns acquiring the entire right, title and interest in and to said granted therefor in the United States of America and			
CHECK BOX IF APPROPRIATE	in any foreign countries.			-
: .	NOW, THEREFORE, in consideration of the sum of One of which is hereby acknowledged, and other good and assigned and transferred, and by these presents does sell, right to the said invention in the United States of America right, title and interest in and to any and all Letters Pater America, its territories, dependencies and possessions, a countries;	l valuable consideration assign and transfer unture, its territories, dependent (s) which may be grant	on, the undersigned has to said Assignee the full and dencies and possessions and the Unit	(have) sold, and exclusive and the entire ted States of
	and to any and all divisions, reissues, continuations, conv which the same may be granted.	ersions and extensions	thereof for the full term	or terms for

Page 1 of 2

ATTORNEY DOCKET NO. 1129/0101PUS1

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe, P.C. 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

	•		(signature)	Sebastian	PYTEL		
Date		Name of Inventor				١	
		•				A	
		٠.	•		,		
	,		(signature)	Altons L	AUMANN		
Date		Name of Inventor					
		•	(signature)	Johannes	KOCH '	,	
Date 2	ad Mag. 2019	Name of Inventor		J.	M	_	•

MUNCY, GEISSLER, OLDS & LOWE, P.C.

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

	Application No. <u>16/388,232</u>	Filed April 18, 2019	·
Insert Name(s) of Inventor(s)			
	WHEREAS, Johannes KOCH, Alfons LAU	MANN and Sebastian PYTEL	·.
	(hereinafter designated as the undersigned)	has (have) invented certain new and useful improvem	ents in
			•
Insert Title of Invention		ENCING TANK VENTILATION AND ARRANGE SENCING TANK VENTILATION ON AN INTA	
	for which an application for Letters Patent of the (except in the case of a provisional application).	United States of America has been executed by	the undersigne
Insert Date			
of Signing of Application	on 14.05.19	····	; and
Insert Name			,
of Assignee		ft with the address of Berliner Ring 2, D-3844 H with the address of DrJuergen-Ulderup-Pla	
		signs (hereinafter designated as the Assignee) is of a said invention and in and to any Letters Patent(s) the	
CHECK BOX IF APPROPRIATE	in any foreign countries.		٠.
•	of which is hereby acknowledged, and other good assigned and transferred, and by these presents does right to the said invention in the United States of Am right, title and interest in and to any and all Letters	f One Dollar (\$1.00) to the undersigned in hand paid, and valuable consideration, the undersigned has (I sell, assign and transfer unto said Assignee the full and serica, its territories, dependencies and possessions and Patent(s) which may be granted therefor in the Uniterns, and if the box above is designated, in any and	have) sold, d exclusive d the entire d States of
	and to any and all divisions, reissues, continuations, which the same may be granted.	conversions and extensions thereof for the full term of	r terms for

Page 1 of 2

ATTORNEY DOCKET NO. 1129/0101PUS1

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe, P.C. 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	,	Name of Inventor					•	
			(signature)	Johannes K	OCH	, .		
,	. :				•			
1405	19			102.) · (100		
Date / C -		Name of Inventor		Alfons LAU	JMANN	- une	<u>~</u>	
•	,							
Date		Name of Inventor				•		-
•		•	(signature)	Sebastian P	YTEL			

MUNCY, GEISSLER, OLDS & LOWE, P.C.

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

	Application No. <u>16/388,232</u>	Filed April 18, 2019
Insert Name(s) of Inventor(s)		
	WHEREAS, Johannes KOCH, Alfons LAUMANN	and Sebastian PYTEL
	(hereinafter designated as the undersigned) has (ha	ve) invented certain new and useful improvements in
Insert Title of Invention	FUNCTIONAL COMPONENT FOR INFLUENCING A FUNCTIONAL COMPONENT FOR INFLUENCING	G TANK VENTILATION AND ARRANGEMENT OF NG TANK VENTILATION ON AN INTAKE PIPE
	for which an application for Letters Patent of the United (except in the case of a provisional application).	1 States of America has been executed by the undersigne
Insert Date of Signing of Application	on	∴ and
Insert Name of Assignee		the address of Berliner Ring 2, D-38440 Wolfsburg the address of DrJuergen-Ulderup-Platz 1, D-4940
	its heirs, successors, legal representatives and assigns (lacquiring the entire right, title and interest in and to said in granted therefor in the United States of America and	
CHECK BOX IF APPROPRIATE	in any foreign countries.	
	NOW, THEREFORE, in consideration of the sum of One D of which is hereby acknowledged, and other good and veassigned and transferred, and by these presents does sell, asseright to the said invention in the United States of America, it right, title and interest in and to any and all Letters Patent(examerica, its territories, dependencies and possessions, and countries;	aluable consideration, the undersigned has (have) sold, ign and transfer unto said Assignee the full and exclusive is territories, dependencies and possessions and the entire s) which may be granted therefor in the United States of
	and to any and all divisions, reissues, continuations, convers which the same may be granted.	ions and extensions thereof for the full term or terms for

ATTORNEY DOCKET NO. 1129/0101PUS1

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Muncy, Geissler, Olds & Lowe, P.C. 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	Name of Inventor
	(signature) Johannes KOCH
Date	Name of Inventor
	(signature) Alfons LAUMANN
\$	
OS, 06. 19	LAN W
Date 05,06.19	Name of Inventor
	(signature) Sebastian PYTEX
	M. M.

Page 2 of 2