### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	RESUBMISSION
NATURE OF CONVEYANCE:	ASSIGNMENT
RESUBMIT DOCUMENT ID:	506418723

#### **CONVEYING PARTY DATA**

Name	Execution Date
BERT DEPIERE	03/29/2020
HEIKO SCHOENBECK	12/22/2020
ACHIM MIELKE	11/05/2020
TORSTEN MEIER	03/11/2020
DANIEL RADERMACHER	12/18/2020
WALDEMAR GAIDA	03/11/2020

#### RECEIVING PARTY DATA

Name:	GROHE AG
Street Address:	INDUSTRIEPARK EDELBURG
City:	HEMER
State/Country:	GERMANY
Postal Code:	D-58675

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16819530

#### **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.

4000 LEGATO ROAD Address Line 1:

Address Line 2: **SUITE 310** 

Address Line 4: FAIRFAX, VIRGINIA 22033

ATTORNEY DOCKET NUMBER:	1120/0635PUS1
NAME OF SUBMITTER:	MARTIN R. GEISSLER
SIGNATURE:	/Martin R. Geissler/
DATE SIGNED:	02/09/2021

# Total Attachments: 14 source=signed\_Assignment\_Mielke#page1.tif source=signed\_Assignment\_Mielke#page2.tif source=signed\_Assignment\_Mielke#page3.tif source=signed\_Assignment\_Radermacher#page1.tif source=signed\_Assignment\_Radermacher#page2.tif source=signed\_Assignment\_Radermacher#page3.tif source=signed\_Assignment\_Depiere#page1.tif source=signed\_Assignment\_Depiere#page2.tif source=signed\_Assignment\_Depiere#page3.tif source=signed\_Assignment\_Schoenbeck#page1.tif source=signed\_Assignment\_Schoenbeck#page1.tif source=signed\_Assignment\_Schoenbeck#page2.tif source=signed\_Assignment\_Meier+Gaida#page1.tif source=signed\_Assignment\_Meier+Gaida#page2.tif source=signed\_Assignment\_Meier+Gaida#page2.tif source=signed\_Assignment\_Meier+Gaida#page3.tif

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

## ASSIGNMENT

	Application No. <u>16/819,530</u>	Filed <u>March16, 2020</u>
insert Name(s) of inventor(s)		
	WHEREAS, Bert DEPIERE, Waldemar GAIDA, Heiko	SCHOENBECK, Achim MIELKE,
	Torsten MEIER and Daniel RADERMACHER	
	(bereinafter destanated as the undersigned) has (have) invent	sed certain new and useful improvements in
Insert Title of Invention	METHOD FOR DETECTING A LEAK IN A LIQUID LINE, CONTROLLER FOR CARRYING OUT THE METHOD	AND WATER MEYER HAVING A
	for which an application for Letters Patent of the United State undersigned (except in the case of a provisional application).	
Insert Date of Signing of Application	633	
Insert Name of Assignce	WHEREAS, Grobe AG	
Insert Address of Assignee	of Industriepark Edelburg, Hemer, D-58675 GERMANY	
	its heirs, successors, legal representatives and assigns (hereinafter desequiring the entire right, this and interest in and to said invention and be granted therefor in the United States of America and	
CHECK BOX IF APPROPRIATE	in any foreign countries.	
	MOW, THEREFORE, in consideration of the sum of One Dollar (\$1.0 receipt of which is hereby acknowledged, and other good and value (have) sold, assigned and transferred, and by these presents does sell, the full and exclusive right to the said invention in the United States of and possessions and the entire right, title and interest in and to any granted therefor in the United States of America, its territories, dependence is designated, in any and all foreign countries:	ible consideration, the undersigned has , assign and transfer unto said Assignee of America, its territories, dependencies and all Letters Patent(s) which may be
	and to any and all divisions, reisaues, continuations, conversions and terms for which the same may be granted.	f extensions thereof for the full term or

Page 1 of 3

#### ATTORNEY DOCKET NO. 1129/0635PUS1

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 votid 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 relssue 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 heroin 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 Muney, 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. Patern 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	Nume of Inventor	(signature) Bert DEPIERE
Date	Name of Inventor	(signature) Waldemar GAIDA
Date	Name of Inventor	(signature) Heiko SCHOENBECK
Date	Name of Inventor	(signature) Achim MELKE

Tate	Name of invent	or	
		or	
Date	Name of Invent	or(signature) Daniel BADERMACHER	
		(Signature) Danies Oscolstaars Civilia	

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## ASSIGNMENT

	Application No. 16/819,530	Filed <u>March16, 2020</u>
Insert Name(s) of Inventor(s)		
	WHEREAS Bert DEPIERE Waldemar GAIDA	. Heiko SCHOENBECK, Achim MIELKE,
	Torsten MEIER and Daniel RADERMACHER	
	(hereinafter designated as the undersigned) has (hav	ve) invented certain new and useful improvements in
Insert Title of Invention	METHOD FOR DETECTING A LEAK IN A LIQUID CONTROLLER FOR CARRYING OUT THE METH	D LINE, AND WATER METER HAVING A
	for which an application for Letters Patent of the Uni undersigned (except in the case of a provisional application	
Insert Date of Signing of Application	60	' and
	OB	, week
Insert Name of Assignee	WHEREAS, Grohe AG	
Insert Address of Assignce	of Industriepark Edelburg, Hemer, D-58675 GER	MANY
	its heirs, successors, legal representatives and assigns (herei acquiring the entire right, title and interest in and to said invo be 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 receipt of which is hereby acknowledged, and other good (have) sold, assigned and transferred, and by these presents the full and exclusive right to the said invention in the Unite and possessions and the entire right, title and interest in an granted therefor in the United States of America, its territoria above is designated, in any and all foreign countries,	and valuable consideration, the undersigned has does sell, assign and transfer unto said Assignee of States of America, its territories, dependencies of to any and all Letters Patent(s) which may be
	and to any and all divisions, reissues, continuations, converterms for which the same may be granted.	rsions and extensions thereof for the full term or

Page 1 of 3

#### ATTORNEY DOCKET NO. 1120/0635PUST

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.

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

Oate	Name of Inventor	(signature)	Bert DEPIERE	
Date	Name of Inventor	(signature)	Waldemar GAIDA	
Date	Name of Inventor	(signature)	Heiko SCHOENBECK	•••••
Oate	Name of Inventor	(signature)	Achim MIELKE	

Date	Name of Inventor	
	(signature) Torsien MEIER	
	A /	
18 AT TA	61/02	
Date 18.12.20	Name of Inventor	
	(signature) Daniel RADERMACHER	

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## ASSIGNMENT

	Application No. 16/819.530	Filed March16, 2020
Insert Name(s) of Inventor(s)		
	WHEREAS Bert DEPIERE, Waldemar G/	VIDA, Heiko SCHOENBECK, Achim MIELKE,
	Torsten MEIER and Daniel RADERMACHE	<u>R.</u>
	(hereinafter designated as the undersigned) h	as (have) invented certain new and useful improvements in
Insert Title of Invention	METHOD FOR DETECTING A LEAK IN A L CONTROLLER FOR CARRYING OUT THE M	IOUID LINE, AND WATER METER HAVING A IETHOD
	for which an application for Letters Patent of th undersigned (except in the case of a provisional app	e United States of America has been executed by the lication).
Insert Date of Signing of Application	ов	, and
Insert Name of Assignee	WHEREAS, Grobe AG	
Insert Address of Assignee	of Industriepark Edelburg Hemer, D-58675	GERMANY
		(hereinafter designated as the Assignee) is desirous of id invention and in and to any Letters Patent(s) that may d
CHECK BOX IF APPROPRIATE	in any foreign countries.	
	receipt of which is hereby acknowledged, and other (have) sold, assigned and transferred, and by these prithe full and exclusive right to the said invention in the and possessions and the entire right, title and interest	One Dollar (\$1.00) to the undersigned in hand paid, the good and valuable consideration, the undersigned has esents does sell, assign and transfer unto said Assigned United States of America, its territories, dependencies in and to any and all Letters Patent(s) which may be extritories, dependencies and possessions, and if the box
	and to any and all divisions, reissues, continuations, terms for which the same may be granted.	conversions and extensions thereof for the full term or

Page 1 of 3

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

Date <u>79/3/2020</u>	Name of Inventor	(signature) Bort DEFIERE
Date	Name of inventor	(signature) Waldemar GAIDA
Date	Name of Inventor	(signature) Heiko SCHOENBECK
Date	Name of Inventor	(signature) Achim MIELKE

Date	Name of Inventor		
		(signature)	Torsten MEIER
Date	Name of inventor		
Date	Traces of Environ		Daniel RADERMACHER

ATTORNEY DOCKET NO. 1120/0635PUST

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

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losert Title of Invention	AANTIIIIN TIII NOTTETTAVA I OO O	
we extracostage	METHOD FOR DETECTING A LEAK IN A LIQUID I CONTROLLER FOR CARRYING OUT THE METHO!	<u> 2NE. AND WATER METER HAVING A</u> D
	for which an application for Letters Patent of the United undersigned (except in the case of a provisional application).	Sinter of America Suc Sucre accepted to st
Insert Date of Signing of Application	ON	. must
Insert Name		. 2000
of Assignee	WHEREAS, <u>Grobe AG</u>	
Insert Address		
of Assignee	of <u>Industriepark Edelburg, Hemer, D-38675 GERM/</u>	<u> </u>
	its heirs, successors, logal representatives and assigns (hereinaft acquiring the entire right, title and interest is and to said inventio be granted therefor in the United States of America and	er designated as the Assignee) is desirous of in and in and to any Letters Patent(s) that may
CHECK BOX IF APPROPRIATE	in any foreign commies.	
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Page 1 of 3

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

Date	Name of Inventor
Duic	Name of Inventor(signature) Waldemar GAIDA
rue <u>22/12/20</u>	Name of Inventor (signature) Helko SCHOENBECK
Date	Name of Inventor

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Insert Date of Signing of Application	on	; and
Insert Name of Assignee	WHEREAS, Grohe AG	
Insert Address of Assignee	of <u>Industriepark Edelburg, Hemer, D-58675 GERMAN</u>	Y
	its heirs, successors, legal representatives and assigns (hereinafter of acquiring the entire right, title and interest in and to said invention as be granted therefor in the United States of America and	
CHECK BOX IF APPROPRIATE	in any foreign countries.	
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Date	Name of Inventor
	(signature) Bert DEPIERE
Date_03/11/2020,	Name of Inventor_
	(signature) Waldemar GAIDA
Date	Name of Inventor
	(signature) Heiko SCHOENBECK
D.	
Date,	Name of Inventor(signature) Achim MIELKE

Date _	03/11/2020	Name of Inventor	Tax Dio
			(signature) Torsten MEIER
Date _	,	Name of Inventor	
			(signature) Daniel RADERMACHER