504419819 06/19/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
ERIK THORWIRTH	06/12/2012	
WINFRIED ECKART	06/04/2012	
DOMINIK BRUNNER	06/11/2012	
CHRISTIAN HEINEN	05/23/2012	

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14859793

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ATTORNEY DOCKET NUMBER:	022862-9144-US01
NAME OF SUBMITTER:	DAVID R. PRICE
SIGNATURE:	/david r. price/
DATE SIGNED:	06/19/2017

Total Attachments: 4

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PATENT 504419819 REEL: 042747 FRAME: 0856

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Form PTO-1595 (Rev. 12/08) OMB No. 0651-0027 (exp. 01/31/2009)	U.S. DEPARTMENT OF COMMERCE			
RECORDATION FOR	# # # # # # # # # # # # # # # # # # #			
10000	S ONLY			
To the Director of the U.S. Patent and Trademark Office: Pleas	se record the attached documents or the new address(es) below.			
Name of conveying party(ies)	2. Name and address of receiving party(les)			
Erik THORWIRTH Winfried ECKART Dominik BRUNNER	Name: Robert Busch GmbH Internal Address:			
Additional name(s) of conveying party(ies) attached? 🗷 Yes 🔲 No	Street Address: Death-1 20 03 30			
3. Nature of conveyance/Execution Date(s):	Street Address: Postfach 30 02 20			
Execution Date(s)	70442 Stuttgart, Germany			
Assignment	City:			
☐ Security Agreement ☐ Change of Name	State:			
☐ Joint Research Agreement				
☐ Government Interest Assignment	Country:Zip:			
☐ Executive Order 9424, Confirmatory License				
Other Continuation of Execution Date	Additional name(s) & address(es) attached? 📋 Yes 🔀 No			
4. Application or patent number(s):	document is being filed together with a new application.			
A. Patent Application No.(s)	B. Patent No.(s)			
13/513,477				
•				
Additional numbers at	tached? 🔲 Yes 🗵 No			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Ronald E. Greigg	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00			
Internal Address: Greigg & Greigg P.L.L.C. Street Address: 1423 Powhatan Street	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)			
Unit One				
City: Alexandria	8. Payment information			
State: Virginia Zip: 22314				
Phone Number: (703) 838-5500				
Fax Number: (703) 838-5554	Deposit Account Number 07-2100			
Email Address:	uthorized User Name Ronald E. Greigg			
9. Signature:	JUNE 29, 2012 Date			
V Signature -				
RONALD E. GREIGG	Total number of pages including cover 4			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Name of Person Signing

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sheet, attachments, and documents:

Sent By: GREIGG & GREIGG PLLC ; 7038385554; Jun-29-12 10:50AM; Page 2

CONTINUATION OF INVENTORS AND EXECUTION DATES

Serial No. 13/513,477

Confirmation No. 2148

Docket No. R.328827

Filed: June 19, 2012

<u>Inventor</u> <u>Execution Date</u>

Christian HEINEN 05/23/2012

PATENT REEL: 042747 FRAME: 0859

	tle and Interest in Invention ors; single assignee)	Docket No. R.328827			
This is an Assignment of the following righ	is, title and interest: (check all that apply):				
United States of America right	uts, title and interest in the invention				
Foreign rights, title and inter					
United States Patent Applicat	United States Patent Application Serial No. 13/513,477				
Date of Execution: 06/12/2012 , 06/04/2012 Date of Filing: June 19, 2012					
United States Provisional Pat	ent Application Serial No.				
United States Patent No(s).	***************************************	y december egyp			
International (PCT) Patent A	pplication Serial No. PCT/EP 2010/065320				
Other (specify) Dates of Exec	ution: 06/11/2012 , 05/23/2012				
Title of the Invention					
	TICULAR FOR METERING IN A FLUID FOR A DELIV	ERY PUMP			
Inventors (assignors)					
Name	Address	4.411.			
Erik THORWIRTH	Eschweger Strasse 2, 34253 Lohfelden, Ger	many			
Winfried ECKART	Brucknerstrasse 17/1, 71691 Freiberg, Gerr	many			
Dominik BRUNNER	Pfauenstrasse 16, 70563 Stuttgart, Germany	200 CO			
Christian HEINEN	Bergstrasse 34, 7€771 Leinfelden-Echter∎ing	gen, Germany			
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	1 ₀	* 1 stole			
Assignee					
Name	Address				
Robert Bosch GmbH	Postfach 30 02 20, 70442 Stuttgart, Germany	,			
	IPage Lof 2 L				

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. R.328827

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignce;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all priority rights. Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name		Signature/Date					
Erik THORWIRTH		×	£ 74	wist		12.06.	2012
Winfried ECKART		×	W. Ed	e Coot	× (74.06	2012
Dominik BRUNNER		×	Do Frui	mer	×	11.06.	2012
Christian HEINEN		×	(3. K	Willen	× ¿	23.OS.	2012
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