505977587 03/20/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6024295

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JÜRGEN FUCHS	11/19/2019
JÜRGEN HARTUNG	11/20/2019
JÜRGEN STEGER	11/19/2019

RECEIVING PARTY DATA

Name:	B. BRAUN MELSUNGEN AG
Street Address:	CARL-BRAUN-STRASSE 1
City:	MELSUNGEN
State/Country:	GERMANY
Postal Code:	34212

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16616018

CORRESPONDENCE DATA

Fax Number: (610)407-0701

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: 6107833357

Email: dpratcher@ratnerprestia.com

CHRISTOPHER A. ROTHE, RATNERPRESTIA **Correspondent Name:**

Address Line 1: 2200 RENAISSANCE BLVD.

Address Line 2: **SUITE 350**

Address Line 4: KING OF PRUSSIA, PENNSYLVANIA 19406

ATTORNEY DOCKET NUMBER:	BBMG-353US
NAME OF SUBMITTER:	CHRISTOPHER A. ROTHE
SIGNATURE:	/CHRISTOPHER A. ROTHE/
DATE SIGNED:	03/20/2020

Total Attachments: 6

source=Fuchs_BBMG-353US_Assignment_signed#page1.tif source=Fuchs BBMG-353US Assignment signed#page2.tif source=Hartung BBMG-353US Assignment signed#page1.tif

PATENT REEL: 052177 FRAME: 0063 505977587

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> PATENT REEL: 052177 FRAME: 0064

ASSIGNI	MENT - Patent Application	Docket Number: BBMG-353US
Whereas, the Ass	ignor, comprising the following named inver	ntors:
	Jürgen Fuchs	2. Jürgen Hartung
ASSIGNOR(s)/ INVENTOR(s)	3. Jürgen Steger	4.
	5,	6.
made an inventior	n entitled: STERILE PUMP MODULE FOR A	VINFUSION PUMP
(Select one of the fi ☐ is submitted ☐ was filed in	cation for Letters Petent of the United State ollowing): I concurrently herewith the U.S. Patent and Trademark Office on Nent Application Serial No.: 16/616,018	
ASSIGNEE (Full Name and A	B. Braun Melsungen AG Carl-Braun-Strasse 1 34212 Melsungen ddress) Germany	

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including the Application, all divisions, continuations, and continuations-in-part thereof and non-provisional applications claiming priority thereto, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto and authorizes Assignee to file such applications for Letters Patent in the United States and any and all other countries:

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

Assignor authorizes Assignee's attorney to insert the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

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ASSIGNMENT - Patent Application	Docket Number: BBMG-353US

	Typed or Printed Name	Signature	Date
	1. Jürgen Fuchs	7.167	<u> 2019-11-1</u> 9
	Zan Heitmann	Witness to Assignor #1	2013-17-13
	2. Jürgen Hartung		
		* Witness to Assignor #2	
	3. Jürgen Steger		
SIGNATURE		* Witness to Assignor #3	
	4.		
		* Witness to Assignor #4	
	5.		
		*Witness to Assignor #5	
	8		·
		* Witness to assignor #5	
Application for	United States Letters Patent		
Serial No.: 1	6/616,018		
Filed: Nover	mber 22, 2019		
Attorney Dock	et Number: BBMG-353U		
Total Minnhar	of Assignment Pages	* Witness signature recommended	, mandatory for some countries

ASSIGNMENT - Patent Application		Docket Number: BBMG-353US		
Whereas, the Ass	ignor, co	mprising the following named inve	intors:	
1. •	1. Jür	gen Fuchs	2.	Jürgen Hartung
ASSIGNOR(s)/ INVENTOR(s)	3. Jür	gen Steger	4,	
	5.		6.	
made an invention	n entitled:	STERILE PUMP MODULE FOR A	N INFUSI	ON PUMP
for which an appli (Select one of the fo		Letters Patent of the United State	es (the Ap	oplication):
was filed in	the U.S.	ently herewith Patent and Trademark Office on l cation Serial No.: 16/616,018	Novembe	er 22, 2019
ASSIGNEE (Full Name and A	.ddress)	B. Braun Meisungen AG Carl-Braun-Strasse 1 34212 Meisungen Germany		

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, have sold, assigned and transferred as of the effective date of hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including the Application, all divisions, continuations, and continuations-in-part thereof and non-provisional applications claiming priority thereto, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto and authorizes Assignee to file such applications for Letters Patent in the United States and any and all other countries.

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If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

ASSIGNMENT - Patent Application	Docket Number: BBMG-353US

Typed or Printed Name	Signature	Date
1. Jürgen Fuchs		
	* Witness to Assignor #1	
2. Jürgen Hartung	- Claration	2019-14-20
	ZaZowa 6, 6. * Witness to Assignor #2	2019-11-21
3. Jürgen Steger		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	* Witness to Assignor #3	
4.		
	* Witness to Assignor #4	
5.		
	*Witness to Assignor #5	
6		
	* Witness to assignor #6	
	1. Jürgen Fuchs 2. Jürgen Hartung 3. Jürgen Steger 4.	* Witness to Assignor #1 2. Jürgen Hartung * Witness to Assignor #2 3. Jürgen Steger * Witness to Assignor #3 4. * Witness to Assignor #4 5. * Witness to Assignor #5

Application for United States Letters Patent:

Serial No. 16/616,018

Filed: November 22, 2019

Attorney Docket Number:

BBMG-353US

Total Number of Assignment Pages

* Witness signature recommended, mandatory for some countries

ASSIGN	MENT - Patent Application	Docket Number: BBMG-353US	
Whereas, the Ass	ignor, comprising the following named inven	tors:	
	1. Jürgen Fuchs	2. Jürgen Hartung	
ASSIGNOR(s)/ INVENTOR(s)	3. Jürgen Steger	4.	
	5.	6.	
made an inventior	entitled: STERILE PUMP MODULE FOR AN	INFUSION PUMP	
for which an applic (Select one of the fo	cation for Letters Patent of the United States	(the Application):	
was filed in	concurrently herewith the U.S. Patent and Trademark Office on Nent Application Serial No.: 16/616,018	ovember 22, 2019	
ASSIGNEE (Full Name and Ad	B. Braun Melsungen AG Carl-Braun-Strasse 1 34212 Melsungen Germany		

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In witness whereof, this Assignment is executed on the day indicated below.

PATENT REEL: 052177 FRÅ∰É.º 0069

ASSIGNMENT - Patent Application	Docket Number: BBMG-353US

	Typed or Printed Name	Signature	Date
	1. Jürgen Fuchs		
		* Witness to Assignor #1	
	2. Jürgen Hartung		
		* Witness to Assignar #2	
	3. Jürgen Steger	10 Ag	2019/11/1
SIGNATURE		* Witness to Assignor #3	
4.	4.		
		* Witness to Assignor #4	
	5.		
		*Witness to Assignor #5	
	6		entered in Leady to the Law proportion and the property of the Board of the Party companies were companied to the Companies of the Companies o
		W M22	
i		* Witness to assignor #6	THE RESERVED THE PARTY OF SERVICE AND ASSESSED AS ASSESSED AS ASSESSED AS ASSESSED. THE PARTY OF

Application for United States Letters	Patent:	
Serial No.: 16/616,018		
Filed: November 22, 2019		
Attorney Docket Number:	BBMG-353US	
Total Number of Assignment Pages		* Witness signature recommended, mandatory for some countries

PATENT REEL: 052177 FRAME:20070

RECORDED: 03/20/2020