505071826 08/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5118582

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date			
ANDREA ENGEL	03/12/2018			
THOMAS GOTTSTEIN	02/23/2018			
MELANIE LIEFKE	02/23/2018			

RECEIVING PARTY DATA

Name:	EVONIK TECHNOCHEMIE GMBH
Street Address:	GUTENBERGSTRASSE 2
City:	DOSSENHEIM
State/Country:	GERMANY
Postal Code:	69221

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15774395

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000 Email: skim@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	512817US
NAME OF SUBMITTER:	HANA KIM
SIGNATURE:	/HANA KIM/
DATE SIGNED:	08/30/2018

Total Attachments: 6

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> **PATENT REEL: 046754 FRAME: 0589**

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ASSIGNMENT

WHEREAS I/We, the below named inventor(s) (hereinafter referred to as ASSIGNOR(S)) have made an invention entitled:

GASTRIC RETENTION ACTIVE DELIVERY SYSTEMS

for which an International application was filed on 27 October 2016 and was assigned the Application No. PCT/EP2016/075872; and

WHEREAS, Evonik Technochemie GmbH, a corporation of Germany, whose post office address is Gutenbergstraße 2, 69221 Dossenheim, Germany (hereinafter referred to as ASSIGNEE), is desirous of securing the entire right, title, and interest in and to the aforesaid invention and/or any improvements thereon in all countries throughout the world, and in and to the application(s) for Letters Patent on the aforesaid invention and/or any improvements thereon and the Letters Patent to be issued upon the aforesaid U.S. and/or International application(s);

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S), by these presents do hereby sell, assign and transfer to ASSIGNEE, the full and exclusive right, title and interest in and to the aforesaid invention and any improvements thereon, the aforesaid application(s) and all corresponding and/or counterpart foreign patent applications, all divisional, continuation, continuation-in-part, reissue, reexamination, extension, substitution, registration, renewal, extension, Supplementary Protection Certificates or the like, and any additional patent applications which claim priority to the aforesaid application(s), and all Letters Patent or comparable rights issuing thereon in the United States and in all foreign countries, and all applications for Letters Patent which may hereafter be filed for the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country and all Letters Patent which may be granted on the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country, together with the right(s) to claim priority to the aforesaid patent application(s) and/or any improvements thereon, and the ASSIGNOR(S) hereby authorize and request the United States Commissioner of Patents and Trademarks and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent or comparable rights issuing on any application as aforesaid to ASSIGNEE, or to its successors, assigns or legal representatives;

ASSIGNOR(S) hereby covenant that ASSIGNOR(S) have full right to convey the entire interest herein assigned, and that ASSIGNOR(S) have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNOR(S) agree to communicate to ASSIGNEE or to its successors, assigns or legal representatives any and all facts known to them or any of them respecting said invention, and without further remuneration to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and reexamination applications, make all rightful oaths and generally do all lawful acts to aid ASSIGNEE or its successors, assigns or legal representatives to obtain and enforce proper patent protection for said invention in all countries and to enhance or perfect ASSIGNEE's title in and to the invention and patent rights therein.

(Sheet 1 of 2)

ASSIGNOR(S) hereby authorize attorneys for ASSIGNEE to enter on this document any applicable serial numbers and filing dates after ASSIGNOR(S') execution of this document.

ASSIGNOR(S) hereby acknowledge an obligation to assign and do hereby assign all right, title and interest in and to the aforesaid invention and any improvements thereon to ASSIGNEE at the time the invention was made.

This Assignment may be executed in one (1) or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN TESTIMONY WHEREOF,	I hereunto set my hand and seal this							
	<u> </u>							
	Andrea ENGEL							
	Am Henninger Turm 16 60599 Frankfurt Germany							
IN TESTIMONY WHEREOF,day of2018.	I hereunto set my hand and seal this							
	Thomas GOTTSTEIN							
	Albergstr. 4 64832 Babenhausen Germany							
IN TESTIMONY WHEREOF, day of2018.	I hereunto set my hand and seal this							
	Melanie LIEFKE							
	Pragelatostraße 123 64372 Ober-Ramstadt Germany							

(Sheet 2 of 2)

2015P00138WOUS

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NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR(S), by these presents do hereby sell, assign and transfer to ASSIGNEE, the full and exclusive right, title and interest in and to the aforesaid invention and any improvements thereon, the aforesaid application(s) and all corresponding and/or counterpart foreign patent applications, all divisional, continuation, continuation-in-part, reissue, reexamination, extension, substitution, registration, renewal, extension, Supplementary Protection Certificates or the like, and any additional patent applications which claim priority to the aforesaid application(s), and all Letters Patent or comparable rights issuing thereon in the United States and in all foreign countries, and all applications for Letters Patent which may hereafter be filed for the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country and all Letters Patent which may be granted on the aforesaid invention and/or any improvements thereon in the United States and/or in any foreign country, together with the right(s) to claim priority to the aforesaid patent application(s) and/or any improvements thereon, and the ASSIGNOR(S) hereby authorize and request the United States Commissioner of Patents and Trademarks and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent or comparable rights issuing on any application as aforesaid to ASSIGNEE, or to its successors, assigns or legal representatives;

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IN TESTIMONY WHERE		Ι	hereunto	set	my	hand	and	seal	this
		A.	ndrea ENGI		•••••		·····	•	
		60	n Henninge 1599 Frankf ermany		m 16				
IN TESTIMONY WHERE day of	EOF. 2018.	I	hereunto	set	my	hand	and	seal	
		Thomas GOTTSTEIN							
		64	bergstr. 4 832 Babenl ermany	nauser	1				
IN TESTIMONY WHERE day of		1	hercunto	set	my	hand	and	seal	this
		Melanie LIEFKE							
		Pragelatostraße 123 64372 Ober-Ramstadt Germany							

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IN TESTIMONY WHEREday of2	OF, 018.	I	hereunto	set	my	hand	and	seal	this
		Andrea ENGEL							
		60	n Henninge 1599 Frankfi ermany		n 16				
IN TESTIMONY WHEREday of2	OF, 018.	I	hereunto	set	my	hand	and	seal	this
	Thomas GOTTSTEIN								
		64	bergstr. 4 832 Babenl ermany	nauser	1.				
IN TESTIMONY WHERE 23 day of 100001 2	OF, 2018.	1	hereunto	set Mu	my Z	hand I. J	and	seal	this
		M	elanie LIEF	KE					
		64	agelatostraf 372 Ober-R ermany		ıdt				

(Sheet 2 of 2)

PATENT REEL: 046754 FRAME: 0596

RECORDED: 08/30/2018