505071507 08/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5118263

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HOLGER WIEDERHOLD	02/26/2018
DAVID BOLZ	02/15/2018
BERND JAEGER	02/15/2018
HANS-JÜRGEN KÖHLE	02/14/2018
SEBASTIAN IMM	04/19/2018
GEORG FRIEDRICH THIELE	02/14/2018

RECEIVING PARTY DATA

Name:	Evonik Degussa GmbH
Street Address:	Rellinghauser Strasse 1-11
City:	Essen
State/Country:	GERMANY
Postal Code:	45128

PROPERTY NUMBERS Total: 1

Property Type	Number					
Application Number:	15778562					

CORRESPONDENCE DATA

Fax Number: (240)597-1153

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: (240)683-6165

Email: mike@msanzolaw.com
Correspondent Name: MICHAEL A. SANZO
Address Line 1: 15400 CALHOUN DRIVE

Address Line 2: SUITE 125

Address Line 4: ROCKVILLE, MARYLAND 20855

ATTORNEY DOCKET NUMBER:	7601/18051
NAME OF SUBMITTER:	MICHAEL A. SANZO
SIGNATURE:	/Michael A. Sanzo/
DATE SIGNED:	08/30/2018

PATENT REEL: 046753 FRAME: 0016

505071507

Total Attachments: 18 source=US signed Assignment for recordation#page1.tif source=US signed Assignment for recordation#page2.tif source=US signed Assignment for recordation#page3.tif source=US signed Assignment for recordation#page4.tif source=US signed Assignment for recordation#page5.tif source=US signed Assignment for recordation#page6.tif source=US signed Assignment for recordation#page7.tif source=US signed Assignment for recordation#page8.tif source=US signed Assignment for recordation#page9.tif source=US signed Assignment for recordation#page10.tif source=US signed Assignment for recordation#page11.tif source=US signed Assignment for recordation#page12.tif source=US signed Assignment for recordation#page13.tif

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

METHOD FOR PRODUCING PROPYLENE GLYCOL FROM PROPENE AND HYDROGEN PEROXIDE

for which an International application was filed on 01 November 2016 and was assigned the Application No. PCT/EP2016/076270; and which is now US 15/778,562;

WHEREAS, Evonik Degussa GmbH, a corporation of Germany, whose post office address is Rellinghauser Straße 1-11, 45128 Essen, 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 3)

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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 7 6 day of Februse		hereunto	set	my	hand	Aren er	seal	this
	Sto	olger WIED ockhausenw 297 Darmst ormany	7eg 49					
IN TESTIMONY day of	Ĩ.	hereunto	set	my	band	and	seal	this
IN TESTIMONY day of	Ste 60: Ge	vid BOLZ egstraße 81 594 Frankfi ermany hereunto		my	hand	and	seal	this
	Gâ 64	rnd JAEGE rinerweg 2 404 Bicken rmany	5 A	AAAAAAAA				400000000

(Sheet 2 of 3)

-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A	IN TESTIMONY day of		Ι	hereunto	set	my	hand	and	seal	this
			Ha	ıns-Jürgen I	КÖНІ	Æ				
			63	string 5 533 Mainha ermany	ausen					
	IN TESTIMONY day of	•	Ι	hereunto	set	my	hand	and	seal	this
			La 61	ebastian IMP andgrabenstr 118 Bad Vi ermany	rasse 2	25				
	IN TESTIMONY day of		I	hereunto	set	my	hand	and	seal	this
			M 61	eorg Friedri ühlweg 39 169 Friedbe ermany		ПЕСЕ				

(Sheet 3 of 3)

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IN	TESTIMONY day of	WHEREOF, 2018.	Ι	hereunto	set	my	hand	and	seal	this
			St 64 G	olger WIED ockhausenw 1297 Darms ermany	veg 49)				
15 ^{IN}	TESTIMONY day of Feb	WHEREOF, 2018.	Ι	hereunto	set	my	hand	and	seal	this
			St 60	avid BOLZ egstraße 81 0594 Frankfi ermany	urt	<u> </u>				
IN	TESTIMONY day of	WHEREOF, 2018.	I	hereunto	set	my	hand	and	seal	this
			В	ernd JAEGE	ER					
			64	ärtnerweg 2 1404 Bicken ermany						

(Sheet 2 of 3)

 IN TESTIMONYday of	WHEREOF, 2018.	Ι	hereunto	set	my	hand	and	seal	this
		—	ıns-Jürgen I	КÖНІ	Æ			***************************************	
		Ostring 5 63533 Mainhausen Germany							
 IN TESTIMONYday of	WHEREOF, 2018.	Ι	hereunto	set	my	hand	and	seal	this
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IN TESTIMONY day of	WHEREOF, 2018.	I	hereunto	set	my	hand	and	seal	this
		M 61	eorg Friedri ühlweg 39 169 Friedbe ermany		HELE				

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	restimony of	WHEREOF, 2018.	I	hereunto	set	my	hand	and	seal	this
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dSda	TESTIMONY y of <u>*E</u> SV	WHEREOF, 2018.	Be G: 64	hereunto ernd JAEGE irtnerweg 2: 404 Bicken ermany	ER 5 A	7	hand	and	seal	this

(Sheet 2 of 3)

	WHEREOF, 2018.	Ι	hereunto	set	my	hand	and	seal	this
		— На	ans-Jürgen I	KÖHI	Æ				
		63	string 5 533 Mainha ermany	ausen					
 IN TESTII day of	WHEREOF, 2018.	Ι	hereunto	set	my	hand	and	seal	this
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(Sheet 1 of 3)

Attorney Docket No.:

2014P00193WOUS

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

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		St 64	olger WIED ockhausenw 297 Darmst ermany	r e g 49					
IN	TESTIMONY day of	I	hereunto	set	my	hand	and	seal	this
		St 60	avid BOLZ egstraße 81 1594 Frankfi ermany	urt					
IN	TESTIMONY day of	I	hereunto	set	my	hand	and	seal	this
		G:	ernd JAEGE ärtnerweg 2 1404 Bicken ermany	5 A					

(Sheet 2 of 3)

14	IN TESTIMONYday ofday.	WHEREOF, 2018.	I	hereunto	set	my	hand	and	seal	this	
			How to the Comment of								
			Hans-Jürgen KÖHLE								
			Ostring 5 63533 Mainhausen Germany								
	IN TESTIMONY day of		I	hereunto	set	my	hand	and	seal	this	
			Sebastian IMM								
			Landgrabenstrasse 25 61118 Bad Vilbel Germany								
	IN TESTIMONY day of		1	hereunto	set:	my	hand	and.	seal	this	
			G	eorg Friedri	ch TH	TELE					
			Mühlweg 39 61169 Friedberg								

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I	N TESTIMONY day of	Ι	hereunto	set	my	hand	and	seal	this
		St 64	olger WIED ockhausenw 1297 Darmst ermany	eg 49					A. A
I	N TESTIMONY _ day of	I	hereunto	set	my	hand	and	sea1	this
I	N TESTIMONY _ day of	St 60 G	avid BOLZ egstraße 81 0594 Frankfi ermany hereunto		my	hand	and	seal	this
		G-	ernd JAEGE ärtnerweg 2 1404 Bicken ermany	5 A					

(Sheet 2 of 3)

IN TESTIMONY WHEREOF,day of2018.	I hereunto set my hand and seal this
	Hans-Jürgen KÖHLE
	Ostring 5 63533 Mainhausen Germany
IN TESTIMONY WHEREOF, day of2018.	I hereunto set my hand and seal this
	Sebastian IMM
	Landgrabenstrasse 25 61118 Bad Vilbel Germany
IN TESTIMONY WHEREOF,day of2018.	I hereunto set my hand and seal this
	Georg Friedrich THIELE
	Mühlweg 39 61169 Friedberg Germany

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	TESTIMONY day of		Ι	hereunto	set	my	hand	and	seal	this
IN	TESTIMONY		St 64 Ge	olger WIED ockhausenw 297 Darmst ermany hereunto	veg 49 tadt)	hand	and	seal	this
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			В	ernd JAEGE	ER					
			64	ärtnerweg 2: 1404 Bicken ermany						

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IN TESTIMONY day of		I	hereunto	set	my	hand	and	seal	this
		Ha	ans-Jürgen I	 КÖHI	E				***************************************
		63	string 5 533 Mainha ermany	iusen					
IN TESTIMONY day of		I	hereunto	set	my	band	and	seal	this
		La 61	bastian IMI indgrabensti 118 Bad Vi ermany	asse 1	25				
IN TESTIMONY // day of / / / / / / / / / / / / / / / / / /	WHEREOF,	I	hereunto	set	my 	hand	and	seal	this
		M 61	eorg Friedri ühlweg 39 169 Friedbe ermany		HELE				

(Sheet 3 of 3)