505131153 10/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5177915

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WOLFGANG DIEKMANN	06/11/2018
MAIK GREBE	07/19/2018
FRANZ-ERICH BAUMANN	05/23/2018
WOLFGANG CHRISTOPH	05/23/2018
SYLVIA MONSHEIMER	06/15/2018
BEATRICE KÜTING	05/30/2018

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
PCT Number:	EP2016080993

CORRESPONDENCE DATA

Fax Number:

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: 571-458-7790

Email: patent@gandmpatent.com

Correspondent Name: GRUNEBERG AND MYERS PLLC

Address Line 1: 1775 TYSONS BLVD

Address Line 2: 5TH FLOOR

Address Line 4: TYSONS, VIRGINIA 22102

ATTORNEY DOCKET NUMBER: 000622US

NAME OF SUBMITTER: ERIC MYERS

SIGNATURE: /Eric Myers/
DATE SIGNED: 10/08/2018

PATENT 505131153 REEL: 047095 FRAME: 0610

Total Attachments: 18 source=000622US-Assignment#page1.tif source=000622US-Assignment#page2.tif source=000622US-Assignment#page3.tif source=000622US-Assignment#page4.tif source=000622US-Assignment#page5.tif source=000622US-Assignment#page6.tif source=000622US-Assignment#page7.tif source=000622US-Assignment#page8.tif source=000622US-Assignment#page9.tif source=000622US-Assignment#page10.tif source=000622US-Assignment#page11.tif source=000622US-Assignment#page12.tif source=000622US-Assignment#page13.tif source=000622US-Assignment#page14.tif source=000622US-Assignment#page15.tif source=000622US-Assignment#page16.tif source=000622US-Assignment#page17.tif source=000622US-Assignment#page18.tif

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

for which an International application was filed on 14 December 2016 and was assigned the Application No. PCT/EP2016/080993; and

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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IN TE:	STIMONY WHEREOF, I I	nereunto set my hand and seal this 11	day of
		Murajin	
		Wolfgang DIEKMANN	
		Gellertweg 10 45731 Waltrop	
		Germany	
IN TES	STIMONY WHEREOF, I h	tereunto set my hand and seal this	day of
		Maik GREBE	
		Baldurstr. 24	
		44805 Bochum Germany	
IN TES	STIMONY WHEREOF, I h	ereunto set my hand and seal this	day of
		Franz-Erich BAUMANN	***************************************
		Reitacker 17	
		48249 Dülmen	
		Germany	

(Sheet 2 of 3)

Attorney Docket No.:

2015P00344WOUS

IN TESTIMONY WHEREO	F, I hereunto set my hand and seal this day o
	Wolfgang CHRISTOPH
	Wilhelm-Lehmbruck-Str. 27 45768 Marl Germany
IN TESTIMONY WHEREO	F, I hereunto set my hand and seal this day or
	Sylvia MONSHEIMER
	Tannenberger Weg 47 45721 Haltern am See
	Germany
IN TESTIMONY WHEREON 20	F, I hereunto set my hand and seal this day of
	Beatrice KÜTING
	Oppauer Str. 16 45772 Marl
	Germany

(Sheet 3 of 3)

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

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20	OF, I hereunto set my hand and seal this day of
	Wolfgang DIEKMANN
	Gellertweg 10
	45731 Waltrop Germany
	DF, I hereunto set my hand and seal this 19 day of
<u>2018</u> .	
	Maik GREBE
	Baldurstr. 24
	44805 Bochum
	Germany
IN TESTIMONY WHEREO	DF, I hereunto set my hand and seal this day of
	Franz-Erich BAUMANN
	Reitacker 17
	48249 Dülmen
	Germany

(Sheet 2 of 3)

IN TESTIMONY WHEREOF20	F, I hereunto set my hand and seal this	day of
	Wolfgang CHRISTOPH	
	Wilhelm-Lehmbruck-Str. 27 45768 Marl Germany	
IN TESTIMONY WHEREOF	f, I hereunto set my hand and seal this	day of
	Sylvia MONSHEIMER	
	Tannenberger Weg 47 45721 Haltern am See Germany	
IN TESTIMONY WHEREOF	, I hereunto set my hand and seal this	day of
	Beatrice KÜTING	
	Oppauer Str. 16 45772 Marl	

(Sheet 3 of 3)

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	IN TESTIMONY WHEREOF, I here	eunto set my hand and seal this day of
		Wolfgang DIEKMANN
		Gellertweg 10 45731 Waltrop
		Germany
······································	IN TESTIMONY WHEREOF, I here	zunto set my hand and seal this day of
		Maik GREBE
		Baldurstr. 24 44805 Bochum
		Germany
May	IN TESTIMONY WHEREOF, I here	eunto set my hand and seal this day of
		Eng Fail Da
		Franz-Erich BAUMANN

Reitacker 17 48249 Dülmen Germany

(Sheet 2 of 3)

Attorney Docket No.: 2015P00344WOUS

IN TESTIMONY WHEREON 20	F, I hereunto set my hand and seal this day of
	Wolfgang CHRISTOPH
	Wilhelm-Lehmbruck-Str. 27 45768 Marl
	Germany
IN TESTIMONY WHEREOF20	F, I hereunto set my hand and seal this day of
	Sylvia MONSHEIMER
	Tannenberger Weg 47
	45721 Haltern am See Germany
IN TESTIMONY WHEREOF	F, I hereunto set my hand and seal this day of
	Beatrice KÜTING
	Oppauer Str. 16 45772 Marl

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IN TESTIMONY WHEREO	OF, I hereunto set my hand and seal this day o
20	
	Wolfgang DIEKMANN
	Gellertweg 10
	45731 Waltrop
	Germany
IN TESTIMONY WHEREO	OF, I hereunto set my hand and seal this day of
	Maik GREBE
	Baldurstr. 24
	44805 Bochum
	Germany
IN TESTIMONY WHEREO	OF, I hereunto set my hand and seal this day o
	Franz-Erich BAUMANN
	Reitacker 17
	48249 Dülmen
	Germany

(Sheet 2 of 3)

Attorney Docket No.:

2015P00344WOUS

IN TESTIMONY WHEREO	DF, I hereunto set my hand and seal this 23 day of
20_500	walforg OSP
	Wolfgang CHRISTOPH
	Wilhelm-Lehmbruck-Str. 27 45768 Marl Germany
IN TESTIMONY WHEREO	F, I hereunto set my hand and seal this day of
	Sylvia MONSHEIMER
	Tannenberger Weg 47 45721 Haltern am See Germany
IN TESTIMONY WHEREO	F, I hereunto set my hand and seal this day of
	Beatrice KÜTING
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IN TESTIMONY WHERE20	EOF, I hereunto set my hand and seal this	day of
	Wolfgang DIEKMANN	
	Gellertweg 10	
	45731 Waltrop	
	Germany	
IN TESTIMONY WHERE 20	EOF, I hereunto set my hand and seal this	day of
	Maik GREBE	
	Baldurstr. 24	
	44805 Bochum	
	Germany	
IN TESTIMONY WHERE 20	OF, I hereunto set my hand and seal this	day of
	Franz-Erich BAUMANN	
	Reitacker 17	
	48249 Dülmen	
	Germany	

(Sheet 2 of 3)

IN TESTIMONY WHEREOF, I	hereunto set my hand and seal this day of
······································	
	Wolfgang CHRISTOPH
	Wilhelm-Lehmbruck-Str. 27 45768 Marl
	Germany
IN TESTIMONY WHEREOF, I June 20_18	hereunto set my hand and seal this 15 day of
	Sylvia Moushimes
	Sylvia MONSHEIMER
	Tannenberger Weg 47 45721 Haltern am See Germany
IN TESTIMONY WHEREOF, I	hereunto set my hand and seal this day of
	Beatrice KÜTING
	Oppauer Str. 16 45772 Marl
	Germany

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	Wolfgang DIEKMANN
	Gellertweg 10
	45731 Waltrop Germany
IN TESTIMONY WHERE20	OF, I hereunto set my hand and seal this day
	Maik GREBE
	Baldurstr. 24
	44805 Bochum Germany
IN TESTIMONY WHERE	OF, I hereunto set my hand and seal this day
	Franz-Erich BAUMANN
	Reitacker 17
	48249 Dülmen
	Germany

(Sheet 2 of 3)

2	- Land	
Attrirrect	Docket No.	

2015P00344WOUS

20	F, I hereunto set my hand and seal this day of
	Wolfgang CHRISTOPH
	Wilhelm-Lehmbruck-Str. 27 45768 Marl Germany
IN TESTIMONY WHEREOF	F, I hereunto set my hand and seal this day of
	Sylvia MONSHEIMER
	Tannenberger Weg 47 45721 Haltern am See Germany
IN TESTIMONY WHEREOF	, I hereunto set my hand and seal this day of
	13046 Katy
	Beatrice KÜTING
	Oppauer Str. 16 45772 Marl
	Germany

(Sheet 3 of 3)

PATENT REEL: 047095 FRAME: 0629

RECORDED: 10/08/2018