504763006 02/05/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4809734

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUDITH HIEROLD	01/16/2018
SASCHA CEYLAN	01/15/2018
STEPHAN RAUTENBERG	01/16/2018
HARALD JAKOB	01/16/2018
CHRISTIAN KAISER	01/16/2018
ANDREA KOPP	01/15/2018
LUCAS GEIST	01/15/2018

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:	15851362

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:	509596US
NAME OF SUBMITTER:	HANA KIM
SIGNATURE:	/HANA KIM/
DATE SIGNED:	02/05/2018

Total Attachments: 21 source=509596USAssn#page1.tif source=509596USAssn#page2.tif source=509596USAssn#page3.tif source=509596USAssn#page4.tif source=509596USAssn#page5.tif source=509596USAssn#page6.tif source=509596USAssn#page7.tif source=509596USAssn#page8.tif source=509596USAssn#page9.tif source=509596USAssn#page10.tif source=509596USAssn#page11.tif source=509596USAssn#page12.tif source=509596USAssn#page13.tif source=509596USAssn#page14.tif source=509596USAssn#page15.tif source=509596USAssn#page16.tif source=509596USAssn#page17.tif source=509596USAssn#page18.tif source=509596USAssn#page19.tif source=509596USAssn#page20.tif source=509596USAssn#page21.tif

2016P00195 US

ASSIGNMENT

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

STORAGE OF 3-METHYLTHIOPROPIONALDEHYDE AND METHYL MERCAPTAN

for which an application was filed on 21 December 2017 as U.S. Application No. 15/851,362 (Attorney Docket No. 509596US); 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.

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.

(Sheet 1 of 3)

2016P00195 US

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 he	reunto set my hand and seal this 16+	day of
7 0	Adode Hierold	
	V acceptance to the contract of the contract o	
	Judith HIEROLD	
	Kriegerstr. 15 30161 Hannover Germany	
IN TESTIMONY WHEREOF, I he	reunto set my hand and seal this	day of
	Sascha CEYLAN	
	Hanauer Landstr. 22B	
	63457 Hanau	
	Germany	
IN TESTIMONY WHEREOF, I her	reunto set my hand and seal this	_ day of
	Stephan RAUTENBERG	
	Steinacker 21	
	53332 Bornheim	
	Germany	

2016P00195 US

2018.		
	Harald JAKOB	
	Meerholzer Straße 1 63594 Hasselroth Germany	
IN TESTIMONY WHEREOF, 2018.	I hereunto set my hand and seal this	day of
	Christian KAISER	
	Walburgstr. 3 63857 Waldaschaff Germany	
	Germany	
IN TESTIMONY WHEREOF,2018.	I hereunto set my hand and seal this	day of
		day of
	I hereunto set my hand and seal this	day of
2018.	Andrea KOPP Dammsweg 4 63839 Kleinwallstadt	
2018. IN TESTIMONY WHEREOF,	Andrea KOPP Dammsweg 4 63839 Kleinwallstadt Germany	

2016P00195 US

ASSIGNMENT

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

STORAGE OF 3-METHYLTHIOPROPIONALDEHYDE AND METHYL MERCAPTAN

for which an application was filed on 21 December 2017 as U.S. Application No. 15/851,362 (Attorney Docket No. 509596US); 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.

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.

(Sheet 1 of 3)

2016P00195 US

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 2018.	hereunto set my hand and seal this day of
	Judith HIEROLD
	Kriegerstr. 15 30161 Hannover
	Germany
IN TESTIMONY WHEREOF, I	hereunto set my hand and seal this day of
2018.	Sasha Cegla
	Sascha CEYLAN
	Hanauer Landstr. 22B MAINTER LAND STR. 3 63457 Hanau Germany SC. Ar. A.Ag
IN TESTIMONY WHEREOF, I	hereunto set my hand and seal this day of
	Stephan RAUTENBERG
	Steinacker 21
	53332 Bornheim Germany

2016P00195 US

2018.	
	Harald JAKOB
	Meerholzer Straße 1 63594 Hasselroth Germany
IN TESTIMONY WHEREO 2018.	OF, I hereunto set my hand and seal this day o
	Christian KAISER
	Walburgstr. 3 63857 Waldaschaff
in the second	Germany
IN TESTIMONY WHEREO	Germany
IN TESTIMONY WHEREO	Germany F, I hereunto set my hand and seal this day o
IN TESTIMONY WHEREO 2018.	Germany F, I hereunto set my hand and seal this day o Andrea KOPP Dammsweg 4 63839 Kleinwallstadt
IN TESTIMONY WHEREO 2018. IN TESTIMONY WHEREO	Germany F, I hereunto set my hand and seal this day o Andrea KOPP Dammsweg 4 63839 Kleinwallstadt Germany
IN TESTIMONY WHEREO 2018. IN TESTIMONY WHEREO	Germany F, I hereunto set my hand and seal this day of the

2016P00195 US

ASSIGNMENT

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

STORAGE OF 3-METHYLTHIOPROPIONALDEHYDE AND METHYL MERCAPTAN

for which an application was filed on 21 December 2017 as U.S. Application No. 15/851,362 (Attorney Docket No. 509596US); 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.

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.

(Sheet 1 of 3)

2016P00195 US

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 b 2018.	nereunto set my hand and seal this	day of
	Judith HIEROLD	
	Kriegerstr. 15 30161 Hannover Germany	
IN TESTIMONY WHEREOF, I b	nereunto set my hand and seal this	day of
	Sascha CEYLAN	
	Hanauer Landstr. 22B 63457 Hanau Germany	
IN TESTIMONY WHEREOF, I h	nereunto set my hand and seal this	day of
	Stephan RAUTENBERG	
	Steinacker 21 53332 Bornheim Germany	

2016P00195 US

	Harald JAKOB	
	Meerholzer Straße 1	
	63594 Hasselroth	
	Germany	
IN TESTIMONY WHEREOF, I h	ereunto set my hand and seal this	day of
	Christian KAISER	
	Walburgstr. 3	
	63857 Waldaschaff	
	Germany	
IN TESTIMONY WHEREOF, I h	ereunto set my hand and seal this	day of
	Andrea KOPP	
	Dammsweg 4	
	63839 Kleinwallstadt	
	63839 Kleinwallstadt Germany	
IN TESTIMONY WHEREOF, I h		day of
	Germany	day of
	Germany	day of
	Germany ereunto set my hand and seal this	day of

(Sheet 3 of 3)

2016P00195 US

ASSIGNMENT

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

STORAGE OF 3-METHYLTHIOPROPIONALDEHYDE AND METHYL MERCAPTAN

for which an application was filed on 21 December 2017 as U.S. Application No. 15/851,362 (Attorney Docket No. 509596US); 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.

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.

(Sheet 1 of 3)

2016P00195 US

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 2018.		day of
	Judith HIEROLD	
	Kriegerstr. 15	
	30161 Hannover Germany	
IN TESTIMONY WHEREOF, 2018.	TESTIMONY WHEREOF, I hereunto set my hand and seal this 2018.	
	Sascha CEYLAN	
	Hanauer Landstr. 22B 63457 Hanau	
	Germany	
IN TESTIMONY WHEREOF,2018.	I hereunto set my hand and seal this	day of
	Stephan RAUTENBERG	
	Steinacker 21 53332 Bornheim	
	Germany	

2016P00195 US

IN TESTIMONY WHEREC	DF, I hereunto set my hand and seal this day of
2010.	Hereld fold
	Harald JAKOB
	Meerholzer Straße 1 63594 Hasselroth Germany
IN TESTIMONY WHEREC	OF, I hereunto set my hand and seal this day of
	Christian KAISER
	Walburgstr 3 63857 Waldaschaff Germany
IN TESTIMONY WHEREC	DF, I hereunto set my hand and seal this day of
	Andrea KOPP
	Dammsweg 4 63839 Kleinwallstadt Germany
IN TESTIMONY WHEREO 2018.	OF, I hereunto set my hand and seal this day of
	Lucas GEIST
	Am Weiherborn 9 63579 Freigericht Germany

2016P00195 US

ASSIGNMENT

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

STORAGE OF 3-METHYLTHIOPROPIONALDEHYDE AND METHYL MERCAPTAN

for which an application was filed on **21 December 2017** as U.S. Application No. **15/851,362** (Attorney Docket No. 509596US); 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.

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.

(Sheet 1 of 3)

2016P00195 US

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, 2018.	I hereunto set my hand and seal this day
	Judith HIEROLD
	Kriegerstr. 15
	30161 Hannover Germany
IN TESTIMONY WHEREOF, 2018.	I hereunto set my hand and seal this day
	Sascha CEYLAN
	Hanauer Landstr. 22B 63457 Hanau
	Germany
IN TESTIMONY WHEREOF, 2018.	I hereunto set my hand and seal this day
	Stephan RAUTENBERG
	Steinacker 21
	53332 Bornheim

2016P00195 US

	Harald JAKOB
	Meerholzer Straße 1
	63594 Hasselroth
	Germany
IN TESTIMONY WHERE	OF, I hereunto set my hand and seal this day of
	Christian KAISER
	Walburgstr, 3
	63857 Waldaschaff
	63857 Waldaschaff Germany
IN TESTIMONY WHERE 2018.	
	Germany
	Germany OF, I hereunto set my hand and seal this day of Andrea KOPP
	Germany OF, I hereunto set my hand and seal this day of
	Germany OF, I hereunto set my hand and seal this day of Andrea KOPP Dammsweg 4
2018.	Germany OF, I hereunto set my hand and seal this day of Andrea KOPP Dammsweg 4 63839 Kleinwallstadt Germany
2018. IN TESTIMONY WHERE	Germany OF, I hereunto set my hand and seal this day of Andrea KOPP Dammsweg 4 63839 Kleinwallstadt Germany
2018. IN TESTIMONY WHERE	Germany OF, I hereunto set my hand and seal this day of Andrea KOPP Dammsweg 4 63839 Kleinwallstadt Germany
2018. IN TESTIMONY WHERE	Germany OF, I hereunto set my hand and seal this day of Andrea KOPP Dammsweg 4 63839 Kleinwallstadt Germany OF, I hereunto set my hand and seal this day of
2018. IN TESTIMONY WHERE	Germany OF, I hereunto set my hand and seal this day of Andrea KOPP Dammsweg 4 63839 Kleinwallstadt Germany OF, I hereunto set my hand and seal this day of Lucas GEIST

2016P00195 US

ASSIGNMENT

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

STORAGE OF 3-METHYLTHIOPROPIONALDEHYDE AND METHYL MERCAPTAN

for which an application was filed on **21 December 2017** as U.S. Application No. **15/851,362** (Attorney Docket No. 509596US); 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.

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.

(Sheet 1 of 3)

2016P00195 US

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.

and and seal this day o
OLD
5 over
over
and and seal this day o
LAN
ndstr. 22B
1
and and seal this day or
UTENBERG
1
neim
1

2016P00195 US

2018.	OF, I hereunto set my hand and seal this day of
	Harald JAKOB
	Meerholzer Straße 1
	63594 Hasselroth
	Germany
IN TESTIMONY WHEREC	OF, I hereunto set my hand and seal this day of
	Christian KAISER
	Walburgstr. 3
	63857 Waldaschaff
	03637 Waldaschatt
	Germany
	Germany
	Germany OF, I hereunto set my hand and seal this <u>45</u> day of
	Germany OF, I hereunto set my hand and seal this <u>45</u> day of
	Germany DF, I hereunto set my hand and seal this <u>45</u> day of
	Germany OF, I hereunto set my hand and seal this <u>A5</u> day of
	Germany DF, I hereunto set my hand and seal this day of
<u>100fy</u> 2018.	Germany DF, I hereunto set my hand and seal this day of
NUCTY 2018. IN TESTIMONY WHEREC	Germany DF, I hereunto set my hand and seal this day of A. KOPP Andrea KOPP Dammsweg 4 63839 Kleinwallstadt Germany
NUCTY 2018. IN TESTIMONY WHEREC	Germany DF, I hereunto set my hand and seal this day of A. KOPP Andrea KOPP Dammsweg 4 63839 Kleinwallstadt Germany
NUCTY 2018. IN TESTIMONY WHEREC	Germany OF, I hereunto set my hand and seal this day of Andrea KOPP Dammsweg 4 63839 Kleinwallstadt Germany OF, I hereunto set my hand and seal this day of
NUCTY 2018. IN TESTIMONY WHEREC	Germany DF, I hereunto set my hand and seal this day of

2016P00195 US

ASSIGNMENT

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

STORAGE OF 3-METHYLTHIOPROPIONALDEHYDE AND METHYL MERCAPTAN

for which an application was filed on **21 December 2017** as U.S. Application No. **15/851,362** (Attorney Docket No. 509596US); 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.

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.

(Sheet 1 of 3)

2016P00195 US

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 this2018.		day of
	Judith HIEROLD	
	Kriegerstr. 15	
	30161 Hannover Germany	
IN TESTIMONY WHEREOF, I h	ereunto set my hand and seal this	day of
	Sascha CEYLAN	
	Hanauer Landstr. 22B	
	63457 Hanau Germany	
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this2018.		day of
	Stephan RAUTENBERG	

Steinacker 21 53332 Bornheim

Germany

(Sheet 2 of 3)

2016P00195 US

	I hereunto set my hand and seal this day of
	Harald JAKOB
	Meerholzer Straße 1 63594 Hasselroth Germany
IN TESTIMONY WHEREOF, 1	I hereunto set my hand and seal this day of
	Christian KAISER
	Walburgstr. 3 63857 Waldaschaff Germany
IN TESTIMONY WHEREOF, I	I hereunto set my hand and seal this day of
	Andrea KOPP
	Dammsweg 4 63839 Kleinwallstadt Germany
State Colored America	Thereunto set my hand and seal this 150 day of Lucas GEIST
	Am Weiherborn 9 63579 Freigericht Germany

(Sheet 3 of 3)

PATENT REEL: 045246 FRAME: 0636

RECORDED: 02/05/2018