PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6606108

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PEROXYCHEM LLC	01/28/2021

RECEIVING PARTY DATA

Name:	EVONIK OPERATIONS GMBH
Street Address:	RELLINGHAUSER STRASSE 1-11
City:	ESSEN
State/Country:	GERMANY
Postal Code:	45128

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	9018142

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:	8202/PAT09
NAME OF SUBMITTER:	MICHAEL A. SANZO
SIGNATURE:	/Michael A. Sanzo/
DATE SIGNED:	03/17/2021

Total Attachments: 16
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This **PATENT ASSIGNMENT AGREEMENT** (this "Agreement"), is entered into by and between

PeroxyChem LLC
One Commerce Square Market Street 2005
Philadelphia, PA 19103
USA ("Seller" or "Assignor"),

and

Evonik Operations GmbH
Rellinghauser Str. 1 -11
45128 Essen
Germany ("Buyer" or "Assignee")

RECITALS

WHEREAS, Buyer and Seller are parties to that certain IP Purchase Agreement, dated as of December 15, 2020 (the "IPPA"), pursuant to which Seller has agreed to sell, assign and transfer to Buyer, and has sold, assigned and transferred, and Buyer has agreed to purchase and assume from Seller, and has accepted the assignment and transfer of, certain intellectual property and similar rights;

WHEREAS, among these intellectual property and similar rights are the Patents and invention disclosures identified in Appendix A hereto and the inventions protected thereby throughout the world (the "Assigned Patents");

WHEREAS, Buyer has compensated Seller for the sale, assignment and transfer of the Assigned Patents under the provisions of the IPPA and no additional compensation shall be required under this Agreement;

WHEREAS, this Agreement is among the necessary or useful instruments pursuant to Section 2.3 of the IPPA; and

WHEREAS, the Parties wish to confirm the sale, assignment and transfer of the Assigned Patents and if and to the extent not already effected under the IPPA, effect the sale, assignment and transfer of all remaining rights on the Assigned Patents of Seller to Buyer, if any.

NOW, THEREFORE, in consideration of the mutual agreements, covenants and other premises set forth herein and in the IPPA and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and accepted, the Parties agree as follows:

1. **Assignment** Seller (Assignor) and Buyer (Assignee) confirm the sale, assignment and transfer of, and Seller does hereby sell, assign and transfer to Buyer (Assignee), and Buyer hereby accepts, the full and exclusive right, title and interest in and to the Patents and any improvements thereon, the attached 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 attached application(s), and all letters patent or comparable rights issuing thereon in Germany, the United States and in all foreign countries, and all applications for letters patent which may hereafter be filed for the attached application(s) and/or any improvements thereon in Germany, the United States and/or in any foreign country and all letters patent which may be granted on the attached invention(s) and/or any improvements thereon in Germany, the United States and/or in any foreign country, together with the right(s) to claim priority to the attached patent application(s) and/or any improvements thereon, and the Seller (Assignor) hereby authorizes and requests the German Patent and Trademark Office, the European Patent Office, 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 Buyer (Assignee), or to its successors, assigns or legal representatives.

2. **Registration, Change of Recordal; Declaration of Transfer**. Seller hereby authorizes and requests, as applicable, the German Patent and Trademark Office, the European Patent Office, the Commissioner of Patents and Trademarks of the United States Patent and Trademark Office and the empowered officials of all other governments, and the diverse registrars, commissioners and other official authorities in the various affected jurisdictions to record Buyer as the owner of the Patents and to issue to Buyer, in lieu of Seller, in accordance with this instrument, all future certificates, notices and any other communications and documents bearing on the Patents. It is Buyer's responsibility to apply for a change of recordal in the registers. Seller shall not unreasonably withhold, or delay, signing of any document necessary to effect a change of recordal in ownership of the Patents in the intellectual property registers. If Seller does not approve of a document prepared by Buyer, Seller will cooperate with Buyer to create a document acceptable to both Parties.

3. **Further Assurances**. Subject to Section 4, Seller and Buyer shall execute and deliver such instruments and take such other actions as may reasonably be required in order to carry out the intent of this Agreement and to evidence and effectuate the transactions contemplated herein. Buyer shall prepare and provide to Seller all assignments and other instruments of transfer reasonably required to transfer to Buyer the Assigned Patents. Seller shall take such steps and actions, and provide such cooperation and assistance to Buyer and its successors, assigns, and legal representatives, including the execution and delivery of any affidavits, declarations, oaths, exhibits, assignments, powers of attorney, or other documents, as may be reasonably necessary to effect, evidence, or perfect the assignment of the Assigned Patents to Buyer, or any assignee or successor thereto. If Buyer or its successor or assignee is unable, for any reason, to obtain a signature of Seller on a document necessary to perfect the transfer or assignment of the Assigned Patents, Seller hereby irrevocably appoints Buyer as its agent and attorney-in-fact, which appointment is coupled with an interest, to act for and on behalf of Seller to execute, verify, and file any such documents with the same legal force and effect as if executed by Seller.

4. **General Provisions**. Capitalized terms used but not otherwise defined herein shall have the meanings ascribed thereto in the IPPA. This Agreement, Appendix A hereto and the IPPA constitute the sole and entire agreement of the Parties with respect to the subject matter contained herein and therein, and supersede all other prior representations, warranties, understandings and agreements, both written and oral, with respect to such subject matter. Notwithstanding any other

provision of this Agreement to the contrary, in the event and to the extent that there shall be a conflict between the provisions of this Agreement and the provisions of the IPPA, the provisions of the IPPA shall control (unless this Agreement expressly provides otherwise). This Agreement shall not be amended, modified or supplemented except by an instrument in writing specifically designated as an amendment hereto and executed by each of the Parties. Neither any course of conduct or failure or delay of any Party in exercising or enforcing any right, remedy or power hereunder shall operate or be construed as a waiver thereof, nor shall any single or partial exercise of any right, remedy or power hereunder, or any abandonment or discontinuance of steps to enforce such right, remedy or power, or any course of conduct, preclude any other or further exercise thereof or the exercise of any other right, remedy or power. This Agreement shall be binding upon and inure solely to the benefit of each Party and its successors and permitted assigns.

5. **Governing Law; Jurisdiction and Venue**. This Agreement and all matters arising out of or relating to this Agreement or any of the transactions contemplated hereby, including all rights of the Parties (whether sounding in contract, tort, common or statutory law, equity or otherwise), shall be interpreted, construed and governed by and in accordance with Section 6 of the IPPA.

6. **Signatories; Counterparts**. This Agreement may be executed in at least twelve counterparts, each of which shall be deemed to be an original and all of which together shall be deemed to be one and the same instrument. This Agreement shall be executed by a representative and/or multiple authorized signatories of the Buyer and Seller, respectively. The Parties shall provide for notarization of the signatures of each signatory. Immediately upon execution of the Agreement, the Parties shall provide each other with copies of the executed Agreement.

Seller PeroxyChem LLC

Executed in Hanau, Germany on 28.1.2021

By:
Sabrina Werner
Authorized Officer

Buyer Evonik Operations GmbH

Executed in Marl, Germany on

By:
ppa. Dr. Kersten Dittmar
Authorized Officer

ppa. Dr. Arne Lang
Authorized Officer

Internal file number	Priority date	Filing date	Appl. No.	Publ. date	Publ. number	Grant date	Grant number	Title
1999P22001 US04	19.01.1999	12.12.2003	10/735,304			31.03.2009	7,510,721	Multi-purpose acid compositions
2003P22002WEAT	22.08.2003	22.08.2003	03816982.7	19.04.2006	1647529	30.09.2015	1647529	Method, Devices and Reagents which are used for Wastewater Treatment
2003P22002WECH	22.08.2003	22.08.2003	03816982.7	19.04.2006	1647529	30.09.2015	1647529	Method, Devices and Reagents which are used for Wastewater Treatment
2003P22002WEDE	22.08.2003	22.08.2003	60348109.4	19.04.2006	1647529	30.09.2015	1647529	Method, Devices and Reagents which are used for Wastewater Treatment
2003P22002WEDK	22.08.2003	22.08.2003	03816982.7	19.04.2006	1647529	30.09.2015	1647529	Method, Devices and Reagents which are used for Wastewater Treatment
2003P22002WEES	22.08.2003	22.08.2003	03816982.7	19.04.2006	1647529	30.09.2015	1647529	Method, Devices and Reagents which are used for Wastewater Treatment
2003P22002WEGB	22.08.2003	22.08.2003	03816982.7	19.04.2006	1647529	30.09.2015	1647529	Method, Devices and Reagents which are used for Wastewater Treatment
2003P22002WEIT	22.08.2003	22.08.2003	502015000087456	19.04.2006	1647529	30.09.2015	1647529	Method, Devices and Reagents which are used for Wastewater Treatment
2003P22002WOCA	22.08.2003	22.08.2003	2,536,302			09.08.2011	2,536,302	Method, Devices and Reagents which are used for Wastewater Treatment
2003P22002WOCN	22.08.2003	22.08.2003	03826945.7			09.04.2008	100379688	Method, Devices and Reagents which are used for Wastewater Treatment
2003P22002WOMX	22.08.2003	22.08.2003	PA/A/2006/002078			09.12.2010	281901	Method, Devices and Reagents which are used for Wastewater Treatment
2003P22002WOUS	22.08.2003	22.08.2003	10/568,994			23.02.2010	7,666,315	Method, Devices and Reagents which are used for Wastewater Treatment

2005P22001 US01	31.08.2005	30.08.2006	11/512,464			26.08.2008	7,416,718	Auto-oxidation production of hydrogen peroxide via oxidation in a microreactor
2005P22001WOCA	31.08.2005	30.08.2006	2,620,353			28.05.2013	2,620,353	Auto-oxidation production of hydrogen peroxide via oxidation in a microreactor
2005P22002 TH	31.08.2005	28.08.2006	0601004111					Auto-oxidation production of hydrogen peroxide via hydrogenation in a microreactor
2005P22002 US01	31.08.2005	30.08.2006	11/512,569			16.06.2009	7,547,430	Auto-oxidation production of hydrogen peroxide via hydrogenation in a microreactor
2005P22002WOCA	31.08.2005	30.08.2006	2,620,320			28.01.2014	2,620,320	Auto-oxidation production of hydrogen peroxide via hydrogenation in a microreactor
2005P22002WOCN	31.08.2005	30.08.2006	200680039719.X			29.08.2012	101296860	Auto-oxidation production of hydrogen peroxide via hydrogenation in a microreactor
2005P22002WOMX	31.08.2005	30.08.2006	MX/A/2008/002901			09.06.2010	276490	Auto-oxidation production of hydrogen peroxide via hydrogenation in a microreactor
2006P22002 TH	22.12.2006	21.12.2007	0701006644					An improved peracetic acid composition
2006P22002WEDE	22.12.2006	20.12.2007	602007039299.3	02.09.2009	2094118	12.11.2014	2094118	An improved peracetic acid composition
2006P22002WEFR	22.12.2006	20.12.2007	07871725.3	02.09.2009	2094118	12.11.2014	2094118	An improved peracetic acid composition
2006P22002WEGB	22.12.2006	20.12.2007	07871725.3	02.09.2009	2094118	12.11.2014	2094118	An improved peracetic acid composition
2006P22002WENL	22.12.2006	20.12.2007	07871725.3	02.09.2009	2094118	12.11.2014	2094118	An improved peracetic acid composition
2006P22002WOCA	22.12.2006	20.12.2007	2,672,469			31.05.2016	2,672,469	An improved peracetic acid composition
2006P22002WOMX	22.12.2006	20.12.2007	MX/A/2009/006649			03.01.2012	294165	An improved peracetic acid composition
2006P22002WOUS	22.12.2006	20.12.2007	12/519,889			31.05.2016	9,351,488	Peracetic acid composition

2007P22001 US	09.10.2007	09.10.2007	11/973,496			24.05.2011	7,947,745	REDUCING THE VISCOSITY OF AN AQUEOUS FLUID
2007P22002 CA	30.04.2007	16.04.2008	2,629,987			14.02.2017	2,629,987	Flue gas desulfurization process utilizing hydrogen peroxide
2007P22002 MX	30.04.2007	30.04.2008	MX/A/2008/005635			19.07.2012	301505	Flue gas desulfurization process utilizing hydrogen peroxide
2007P22002 US01	30.04.2007	29.04.2008	12/111,732			16.08.2011	7,998,446	Flue gas desulfurization process utilizing hydrogen peroxide
2008P22001 US01	04.02.2008	30.01.2009	12/362,873			04.10.2011	8,029,693	Rapid dilution of peracid solutions to equilibrated solutions
2008P22001WOCA	04.02.2008	30.01.2009	2,713,346			05.01.2016	2,713,346	Rapid dilution of peracid solutions to equilibrated solutions
2008P22002 US01	18.12.2008	07.12.2009	12/632,056			28.04.2015	9,018,142	Peracetic Acid Oil-Field Biocide and Method
2008P22002WOBR	18.12.2008	07.12.2009	PI0922584-6			17.04.2018	PI0922584-6	Peracetic Acid Oil-Field Biocide and Method
2008P22002WOCA	18.12.2008	07.12.2009	2,746,736			01.08.2017	2,746,736	Peracetic Acid Oil-Field Biocide and Method
2008P22002WOMX	18.12.2008	07.12.2009	MX/A/2011/006615			15.02.2016	337160	Peracetic Acid Oil-Field Biocide and Method
2008P22002WOMX01	18.12.2008	07.12.2009	MX/A/2015/014987					Peracetic Acid Oil-Field Biocide and Method
2009P22001 US01	27.02.2009	22.02.2010	12/709,587			05.11.2013	8,575,075	Percaid Oil-Field Viscosity Breaker and Method
2009P22002 US01	02.02.2009	01.02.2010	12/697,660			15.04.2014	8,696,986	Sterilization Method
2009P22002 US02	02.02.2009	14.04.2014	14/251,888			26.04.2016	9,320,820	Sterilization Method
2009P22002 US03	02.02.2009	26.04.2016	15/138,611			26.12.2017	9,849,203	Sterilization Method
2009P22002WEDE	02.02.2009	01.02.2010	602010055604.2	07.12.2011	2391391	05.12.2018	2391391	Sterilization Method
2009P22002WEDK	02.02.2009	01.02.2010	10736519.9	07.12.2011	2391391	05.12.2018	2391391	Sterilization Method
2009P22002WEES	02.02.2009	01.02.2010	10736519.9	07.12.2011	2391391	05.12.2018	2391391	Sterilization Method
2009P22002WEFR	02.02.2009	01.02.2010	10736519.9	07.12.2011	2391391	05.12.2018	2391391	Sterilization Method
2009P22002WEIT	02.02.2009	01.02.2010	10736519.9	07.12.2011	2391391	05.12.2018	2391391	Sterilization Method
2009P22002WENL	02.02.2009	01.02.2010	10736519.9	07.12.2011	2391391	05.12.2018	2391391	Sterilization Method
2009P22002WEPL	02.02.2009	01.02.2010	10736519.9	07.12.2011	2391391	24.07.2018	PI1007160-1	Sterilization Method
2009P22002WOBR	02.02.2009	01.02.2010	PI1007160-1			03.01.2017	2,749,855	Sterilization Method
2009P22002WOCA	02.02.2009	01.02.2010	2,749,855			27.05.2015	102300591	Sterilization Method
2009P22002WOCN	02.02.2009	01.02.2010	201080006823.5			18.11.2014	325439	Sterilization Method
2009P22002WOMX	02.02.2009	01.02.2010	MX/A/2011/008133			03.04.2012	8,147,785	Combustion flue gas NOx treatment
2009P22003 US01	15.05.2009	12.05.2010	12/778,675			04.11.2014	8,877,149	Combustion flue gas NOx treatment
2009P22003 US02	15.05.2009	09.02.2012	13/369,881			17.06.2015	102459833	Combustion flue gas NOx treatment
								Activation of reactive compound with catalyst

2009P22003WOCN	15.05.2009	12.05.2010	201080026650.3			17.06.2015	102459833	Combustion flue gas NOx treatment
2009P22004WEDE	03.08.2009	29.07.2010	602010037363.0	13.06.2012	2462056	19.10.2016	2462056	Activation of reactive compound with catalyst
2009P22004WEES	03.08.2009	29.07.2010	10806947.7	13.06.2012	2462056	19.10.2016	2462056	Activation of reactive compound with catalyst
2009P22004WEGB	03.08.2009	29.07.2010	10806947.7	13.06.2012	2462056	19.10.2016	2462056	Activation of reactive compound with catalyst
2009P22004WOCA	03.08.2009	29.07.2010	2,769,641			26.11.2019	2,769,641	Activation of reactive compound with catalyst
2009P22004WOCN	03.08.2009	29.07.2010	201080043018.X			20.01.2016	102741157	Activation of reactive compound with catalyst
2009P22004WOUS	03.08.2009	29.07.2010	13/387,932			16.07.2013	8,486,366	Activation of reactive compound with catalyst
2010P22001 US02	05.05.2010	31.10.2011	13/285,341			14.04.2015	9,005,669	Synergy of Strong Acids and Peroxy Compounds
2011P22001 US01	20.01.2011	18.01.2012	13/353,033			04.06.2013	8,454,890	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WE	20.01.2011	18.01.2012	12736242.4	27.11.2013	2665496	02.10.2019	2665496	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WEAT	20.01.2011	18.01.2012	12736242.4	27.11.2013	2665496	02.10.2019	2665496	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WEBE	20.01.2011	18.01.2012	12736242.4	27.11.2013	2665496	02.10.2019	2665496	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WECZ	20.01.2011	18.01.2012	12736242.4	27.11.2013	2665496	02.10.2019	2665496	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WEDE	20.01.2011	18.01.2012	602012064511.3	27.11.2013	2665496	02.10.2019	2665496	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WEDK	20.01.2011	18.01.2012	12736242.4	27.11.2013	2665496	02.10.2019	2665496	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WEES	20.01.2011	18.01.2012	12736242.4	27.11.2013	2665496	02.10.2019	2665496	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WEFR	20.01.2011	18.01.2012	12736242.4	27.11.2013	2665496	02.10.2019	2665496	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WEHR	20.01.2011	18.01.2012	P20192335T	27.11.2013	2665496	02.10.2019	2665496	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WENL	20.01.2011	18.01.2012	12736242.4	27.11.2013	2665496	02.10.2019	2665496	Peracetic acid vapor sterilization of food and beverage containers

2011P22001WEPL	20.01.2011	18.01.2012	12736242.4	27.11.2013	2665496	02.10.2019	2665496	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WESE	20.01.2011	18.01.2012	12736242.4	27.11.2013	2665496	02.10.2019	2665496	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WESK	20.01.2011	18.01.2012	12736242.4	27.11.2013	2665496	02.10.2019	2665496	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WOAU01	20.01.2011	18.01.2012	2016202043			01.06.2017	2016202043	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WOBR	20.01.2011	18.01.2012	1120130168960					Peracetic acid vapor sterilization of food and beverage containers
2011P22001WOCA	20.01.2011	18.01.2012	2,823,217			30.07.2019	2,823,217	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WOCN	20.01.2011	18.01.2012	201280004429.7					Peracetic acid vapor sterilization of food and beverage containers
2011P22001WOCN01	20.01.2011	18.01.2012	201810613033.1					Peracetic acid vapor sterilization of food and beverage containers
2011P22001WOJP	20.01.2011	18.01.2012	2013-550563			16.09.2016	6005662	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WOKR	20.01.2011	18.01.2012	10-2013-7016459			17.04.2019	10-1971743	Peracetic acid vapor sterilization of food and beverage containers
2011P22001WOTH	20.01.2011	18.01.2012	1301003734					Peracetic acid vapor sterilization of food and beverage containers
2012P22001 US01	14.11.2012	06.09.2013	14/019,696	15.05.2014	2014/0131975	02.10.2018	10,086,743	Trailer and method for transporting peracetic acid
2012P22001 US02	14.11.2012	06.09.2013	16/125,204			21.04.2020	10,625,655	Trailer and method for transporting peracetic acid
2012P22001 US04	14.11.2012	30.01.2020	16/777,057					Trailer and method for transporting peracetic acid
2012P22001WOCA	14.11.2012	06.09.2013	2,891,465					Trailer and method for transporting peracetic acid
2012P22001WOMX	14.11.2012	06.09.2013	MX/A/2015/006115			26.04.2019	364454	Trailer and method for transporting peracetic acid
								Trailer and method for transporting peracetic acid
								Sterilization Method

2012P22001WOMX01	14.11.2012	06.09.2013	MX/A/2019/004874					Trailer and method for transporting peracetic acid
2012P22004 US01	13.03.2012	12.03.2013	13/796,439			21.10.2014	8,865,066	Sterilization Method
2012P22004 US02	13.03.2012	21.10.2014	14/519,351			29.03.2016	9,295,744	Sterilization Method
2012P22004 US03	13.03.2012	04.03.2016	15/060,869	30.06.2016	2016/0183522	05.06.2018	9,986,737	Sterilization Method
2012P22004WEAT	13.03.2012	12.03.2013	13761522.5	21.01.2015	2825212	03.01.2018	2825212	Improved Sterilization Method
2012P22004WEBE	13.03.2012	12.03.2013	13761522.5	21.01.2015	2825212	03.01.2018	2825212	Improved Sterilization Method
2012P22004WEDE	13.03.2012	12.03.2013	602013031655.4	21.01.2015	2825212	03.01.2018	2825212	Improved Sterilization Method
2012P22004WEDK	13.03.2012	12.03.2013	13761522.5	21.01.2015	2825212	03.01.2018	2825212	Improved Sterilization Method
2012P22004WEES	13.03.2012	12.03.2013	13761522.5	21.01.2015	2825212	03.01.2018	2825212	Improved Sterilization Method
2012P22004WEFR	13.03.2012	12.03.2013	13761522.5	21.01.2015	2825212	03.01.2018	2825212	Improved Sterilization Method
2012P22004WEIT	13.03.2012	12.03.2013	502018000009756	21.01.2015	2825212	03.01.2018	2825212	Improved Sterilization Method
2012P22004WENL	13.03.2012	12.03.2013	13761522.5	21.01.2015	2825212	03.01.2018	2825212	Improved Sterilization Method
2012P22004WEPL	13.03.2012	12.03.2013	13761522.5	21.01.2015	2825212	03.01.2018	2825212	Improved Sterilization Method
2012P22004WEPT	13.03.2012	12.03.2013	13761522.5	21.01.2015	2825212	03.01.2018	2825212	Improved Sterilization Method
2012P22004WOAU01	13.03.2012	12.03.2013	2015264881			18.01.2018	2015264881	Improved Sterilization Method
2012P22004WOBR	13.03.2012	12.03.2013	112014022845-0	19.09.2013		08.10.2019	112014022845-0	Improved Sterilization Method
2012P22004WOCN	13.03.2012	12.03.2013	201380024885.2			23.02.2018	104284683	Improved Sterilization Method
2012P22004WOJP	13.03.2012	12.03.2013	2015-500513			09.02.2018	6286413	Improved Sterilization Method
2012P22004WOMX	13.03.2012	12.03.2013	MX/A/2014/011806			24.08.2018	358555	Improved Sterilization Method
2012P22004WOTH	13.03.2012	12.03.2013	1401005412	18.05.2017	162561			Improved Sterilization Method
2013P22001 US01	15.09.2014	15.09.2014	14/486,395			25.08.2015	9,114,357	Treatment of nitrogen oxides in flue gas streams
2013P22001WOBR	13.09.2013	15.09.2014	112016008365-2					Treatment of nitrogen oxides in flue gas streams
2013P22001WOCA	13.09.2013	15.09.2014	2,924,319					Treatment of nitrogen oxides in flue gas streams

2013P22001WOMX	13.09.2013	15.09.2014	MX/A/2016/003337					Treatment of nitrogen oxides in flue gas streams
2016P22001 US01	25.01.2016	25.01.2017	15/415,539	27.07.2017	2017/210969	09.07.2019	10,344,199	Well treatment methods and compositions
2016P22001WE	25.01.2016	25.01.2017	17744834.7	05.12.2018	3408344			Well treatment methods and compositions
2016P22001WOBR	25.01.2016	25.01.2017	112018015057-6					Well treatment methods and compositions
2016P22001WOCA	25.01.2016	25.01.2017	3,012,476					Well treatment methods and compositions
2016P22001WOMX	25.01.2016	25.01.2017	MX/A/2018/009069					Well treatment methods and compositions
2016P22001WORU	25.01.2016	25.01.2017	2018130648					Well treatment methods and compositions
2016P22003 US02	18.10.2016	17.10.2017	16/936,663					Soil Treatment
2016P22003WE	18.10.2016	17.10.2017	17861784.1	28.08.2019	3528629			Soil Treatment
2016P22003WOBR	18.10.2016	17.10.2017	112019007845.2					Soil Treatment
2016P22003WOCA	18.10.2016	17.10.2017	3,041,034					Soil Treatment
2016P22003WOCN	18.10.2016	17.10.2017	201780078220.8					Soil Treatment
2016P22003WOIL	18.10.2016	17.10.2017	266098					Soil Treatment
2016P22003WOIN	18.10.2016	17.10.2017	201917017749					Soil Treatment
2016P22003WOMX	18.10.2016	17.10.2017	MX/A/2019/004547					Soil Treatment
2016P22003WOTN	18.10.2016	17.10.2017	2019/0123	05.10.2020	2019/0123			Soil Treatment
2016P22004WOCA	01.09.2016	30.08.2017	3,035,736					Reduction of Disinfection Byproduct Formation in Drinking Water
2017P22001 US01	20.11.2017	19.11.2018	16/194,559	23.05.2019	2019/0152817			Disinfection Method for Water and Wastewater
2017P22001WOCA	20.11.2017	19.11.2018	3,082,783					DISINFECTION METHOD FOR WATER AND WASTEWATER
2017P22001WOMX	20.11.2017	19.11.2018	MX/A/2020/005043					DISINFECTION METHOD FOR WATER AND WASTEWATER
2017P22002 US01	16.11.2017	15.11.2018	16/191,757	16.05.2019	2019/0144313			DISINFECTION METHOD FOR WATER AND WASTEWATER
2017P22002WOCA	16.11.2017	15.11.2018	3,082,408					DISINFECTION METHOD FOR WATER AND WASTEWATER

DISINFECTION METHOD FOR WATER AND WASTEWATER

2017P22002WOMX	16.11.2017	15.11.2018	MX/A/2020/005047					DISINFECTION METHOD FOR WATER AND WASTEWATER
2017P22003 US01	15.06.2017	15.06.2015	16/009,936	20.12.2018	2018/0360060			Antimicrobial Treatment of Animal Carcasses and Food Products
2017P22003WOBR	15.06.2017	15.06.2018	112019026778-6	30.06.2020	BR112019026778-6			Antimicrobial Treatment of Animal Carcasses and Food Products
2017P22003WOCA	15.06.2017	15.06.2018	3,067,360					Antimicrobial Treatment of Animal Carcasses and Food Products
2017P22003WOMX	15.06.2017	15.06.2018	MX/A/2019/015198					Antimicrobial Treatment of Animal Carcasses and Food Products
2018P22001 US01	14.02.2018	14.02.2019	16/275,894	15.08.2019	2019/0248679			Treatment of Cyanotoxin-Containing Water
2018P22001WE	14.02.2018	14.02.2019	19754067.7	23.12.2020	3752466			TREATMENT OF CYANOTOXIN-CONTAINING WATER
2018P22001WOAU	14.02.2018	14.02.2019	2019222745					TREATMENT OF CYANOTOXIN-CONTAINING WATER
2018P22001WOCA	14.02.2018	14.02.2019	3,093,956					TREATMENT OF CYANOTOXIN-CONTAINING WATER
2018P22001WOMX	14.02.2018	14.02.2019	MX/A/2020/008501					TREATMENT OF CYANOTOXIN-CONTAINING WATER
2018P22002 US01	22.06.2018	21.06.2019	16/448,542	26.12.2019	2019/0388574			Sterilization Method
2018P22002WE	22.06.2018	21.06.2019	19822614.4					STERILIZATION METHOD
2018P22002WO	22.06.2018	21.06.2019	PCT/US2019/038457	26.12.2019	2019/246512			STERILIZATION METHOD
2018P22002WOCA	22.06.2018	21.06.2019	PCT/US2019/038457					STERILIZATION METHOD
2018P22002WOCN	22.06.2018	21.06.2019	PCT/US2019/038457					STERILIZATION METHOD
2018P22002WOID	22.06.2018	21.06.2019	PCT/US2019/038457					STERILIZATION METHOD
2018P22002WOIN	22.06.2018	21.06.2019	PCT/US2019/038457					STERILIZATION METHOD
2018P22002WOMX	22.06.2018	21.06.2019	MX/A/2020/013859					STERILIZATION METHOD

2018P22002WOTH	22.06.2018	21.06.2019	2001007163					STERILIZATION METHOD
2018P22002WOVN	22.06.2018	21.06.2019	PCT/US2019/038457					STERILIZATION METHOD
2018P22003 US01	31.05.2018	31.05.2019	16/428,216	05.12.2019	2019/0364892			Sporicidal Methods and Compositions
2018P22003WE	31.05.2018	31.05.2019	19812080.0					SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WOAU	31.05.2018	31.05.2019	2019277675					SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WOBR	31.05.2018	31.05.2019	112020024376-0					SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WOCA	31.05.2018	31.05.2019	3,101,615					SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WOCN	31.05.2018	31.05.2019	PCT/US2019/034923					SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WOEG	31.05.2018	31.05.2019	2020/1893					SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WOID	31.05.2018	31.05.2019	P00202010651					SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WOIL	31.05.2018	31.05.2019	279059					SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WOIN	31.05.2018	31.05.2019	202047056235	01.01.2021	202047056235			SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WOKR	31.05.2018	31.05.2019	10-2020-7037702					SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WOMX	31.05.2018	31.05.2019	MX/A/2020/012803					SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WONZ	31.05.2018	31.05.2019	771526					SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WOPH	31.05.2018	31.05.2019	1-2020-552046					SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WORU	31.05.2018	31.05.2019	2020142714					SPORICIDAL METHODS AND COMPOSITIONS

SPORICIDAL METHODS AND COMPOSITIONS

2018P22003WOSA	31.05.2018	31.05.2019	520420657					SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WOTH	31.05.2018	31.05.2019	2001006810					SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WOVN	31.05.2018	31.05.2019	1-2020-07688					SPORICIDAL METHODS AND COMPOSITIONS
2018P22003WOZA	31.05.2018	31.05.2019	2020/07816					SPORICIDAL METHODS AND COMPOSITIONS
2018P22004 US01	19.06.2018	19.06.2019	16/445,950	19.12.2019	2019/0380337			Micellar delivery method
2018P22004WE	19.06.2018	19.06.2019	19822370.3					MICELLAR DELIVERY METHOD
2018P22004WO	19.06.2018	19.06.2019	PCT/US2019/037957	26.12.2019	2019/246243			MICELLAR DELIVERY METHOD
2018P22004WOAU	19.06.2018	19.06.2019	PCT/US2019/037957					MICELLAR DELIVERY METHOD
2018P22004WOBR	19.06.2018	19.06.2019	112020026199-8					MICELLAR DELIVERY METHOD
2018P22004WOCA	19.06.2018	19.06.2019	PCT/US2019/037957					MICELLAR DELIVERY METHOD
2018P22004WOCN	19.06.2018	19.06.2019	PCT/US2019/037957					MICELLAR DELIVERY METHOD
2018P22004WOEG	19.06.2018	19.06.2019	2020/2029					MICELLAR DELIVERY METHOD
2018P22004WOID	19.06.2018	19.06.2019	PCT/US2019/037957					MICELLAR DELIVERY METHOD
2018P22004WOIL	19.06.2018	19.06.2019	279473					MICELLAR DELIVERY METHOD
2018P22004WOIN	19.06.2018	19.06.2019	PCT/US2019/037957					MICELLAR DELIVERY METHOD
2018P22004WOKR	19.06.2018	19.06.2019	PCT/US2019/037957					MICELLAR DELIVERY METHOD
2018P22004WOMX	19.06.2018	19.06.2019	MX/A/2020/013854					MICELLAR-DELIVERY METHOD
2018P22004WONZ	19.06.2018	19.06.2019	PCT/US2019/037957					MICELLAR DELIVERY METHOD
2018P22004WOPH	19.06.2018	19.06.2019	1-2020-552146					MICELLAR DELIVERY METHOD
2018P22004WORU	19.06.2018	19.06.2019	PCT/US2019/037957					MICELLAR DELIVERY METHOD
2018P22004WOSA	19.06.2018	19.06.2019	520420819					MICELLAR DELIVERY METHOD
2018P22004WOTH	19.06.2018	19.06.2019	2001007164					MICELLAR DELIVERY METHOD

2018P22004WOUS	19.06.2018	19.06.2019	17/253,953					MICELLAR DELIVERY METHOD
2018P22004WOVN	19.06.2018	19.06.2019	1-2021-00063					MICELLAR DELIVERY METHOD
2018P22004WOZA	19.06.2018	19.06.2019	PCT/US2019/037957					MICELLAR DELIVERY METHOD

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Vermerk über eine Unterschriftsbeglaubigung

Certification of a signature

Hiermit beglaubige ich die vorstehenden, vor mir geleisteten Unterschriften der

I hereby certify that the above signatures were executed in my presence by

Mr Dr. Kersten Dittmar geb. 06.09.1972,

Mr Dr. Arne Lang geb. 25.11.1966,

business address: Paul-Baumann-Straße 1 in 45772 Marl, Germany

Die vorbezeichneten Herren sind mir von Person bekannt.

I know the signatories by person.

Auf Nachfrage des Notars bestätigten die Herren Dr. Dittmar und Dr. Lang mit Blick auf § 3 Abs. 1 Nr. 7 BeurkG, dass weder der Notar noch eine der mit ihm zur gemeinsamen Berufsausübung verbundenen Personen in dieser Angelegenheit bereits außerhalb notarieller Amtstätigkeit tätig war.

At my request the signatories declared pursuant to sec. 3 para. 1 No. 7 of the German Notarisation Act (BeurkG), that neither the acting notary public nor any of the persons associated with him for mutual exercise of occupation were concerned with this matter as lawyers.

Die Unterschriftsleistung erfolgte auf Ersuchen an deren Dienstsitz im Chemiepark Marl, Paul-Baumann-Straße 1 in 45772 Marl.

The signatures were upon request of the signatories executed their office premises Chemiepark Marl, Paul-Baumann-Straße 1 in 45772 Marl.

Ich bescheinige aufgrund heutiger Einsichtnahme auf elektronischem Wege in das Handelsregister bei dem Amtsgericht Essen zu HRB 20227, dass dort die Evonik Operations GmbH mit Sitz in Essen eingetragen ist und dass die Herren Dr. Kersten Dittmar und Dr. Arne Lang als Prokuristen gemeinsam zur Vertretung der Gesellschaft berechtigt sind.

Based on my inspection of the commercial register by electronic means of the present day, I hereby certify in my capacity as notary that Evonik Operations GmbH with its corporate seat in Essen is registered with the commercial register of the local court of Essen under the commercial register number HRB 20227 and that the signatories are authorized to jointly represent the company as authorised officers.

Nummer 07 der Urkundenrolle für 2021

Marl, den 12. Januar 2021

Dr. Nikolaus Ludes

Notar

Urkundenrolle-Nr.: 43 / 2021 U

Hiermit beglaubige ich die heute vor mir geleistete Unterschrift von

Frau **Sabrina Werner**, geb. am 05.07.1976,
geschäftsansässig Rodenbacher Chaussee 4, 63457 Hanau.

Frau **Sabrina Werner** handelt aufgrund ihr erteilter und dem Notar vorgelegter Handlungsvollmacht vom 18.09.2020 für die PeroxyChem LLC mit Sitz in Philadelphia, USA.

Frau **Sabrina Werner** wies sich aus durch Vorlage ihres mit Lichtbild und Unterschrift versehenen gültigen Ausweisdokumentes.

Gleichzeitig halte ich fest, dass die Frage nach einer Vorbefassung i.S.d. § 3 Absatz 1 Ziffer 7 BeurkG verneint wurde.

Hanau, den 28.01.2021
(Rodenbacher Chaussee 4, 63457 Hanau)

Eberhard Uhlig
Notar

EBERHARD UHLIG NOTAR IN HANAU

Document Register No.: 43 / 2021 U

I herewith ~~my~~ the signature enforced in front of me of

Mrs. **Sabrina Werner**, born on 05.07.1976,
resident at Rodenbacher Chaussee 4, 63457 Hanau.

Mrs. **Sabrina Werner** is acting legally for and on behalf of PeroxyChem LLC mit Sitz in Philadelphia, USA with authority from 18.09.2020 which has been presented to the notary.

Mrs. **Sabrina Werner** identified herself by showing her valid identity document with photo and signature.

I do establish at the same time, that the interested part denied the question of a prior involvement according to § 3 Sec. No. 7 BeurkG.

Hanau, 28.01.2021
(Rodenbacher Chaussee 4, 63457 Hanau)

Eberhard Uhlig
notary

EBERHARD UHLIG NOTAR IN HANAU