

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI584825

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Evonik Active Oxygens, LLC	10/03/2024
RECEIVING PARTY DATA	
Company Name:	Evonik Corporation
Street Address:	2 Turner Place
City:	Piscataway
State/Country:	NEW JERSEY
Postal Code:	08854
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	9656890
CORRESPONDENCE DATA	
Fax Number:	2405971153
<i>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.</i>	
Phone:	2406836165
Email:	mike@msanzolaw.com
Correspondent Name:	Michael A. Sanzo
Address Line 1:	5011 Gate Parkway
Address Line 2:	Building 100, Suite 100
Address Line 4:	Jacksonville, FLORIDA 32256
ATTORNEY DOCKET NUMBER:	7601/24055
NAME OF SUBMITTER:	Michael Sanzo
SIGNATURE:	Michael Sanzo
DATE SIGNED:	10/24/2024
Total Attachments: 10	
source=Confirmatory Assignment_Evonik Active Oxygens, LLC to Evonik Corporation#page1.tiff	
source=Confirmatory Assignment_Evonik Active Oxygens, LLC to Evonik Corporation#page2.tiff	
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source=Confirmatory Assignment_Evonik Active Oxygens, LLC to Evonik Corporation#page10.tiff

This **PATENT ASSIGNMENT AGREEMENT** (this "Agreement"), is entered into by and between **Evonik Active Oxygens, LLC**, a Delaware limited liability company with offices located at 2 Turner Place, Piscataway, NJ 08854 (formerly located at One Commerce Square, 2005 Market Street, Suite 3200, Philadelphia, PA 19103) ("Seller" or "Assignor"), and **Evonik Corporation**, an Alabama corporation with offices located at 2 Turner Place, Piscataway, NJ 08854 ("Buyer" or "Assignee").

RECITALS

WHEREAS, Buyer and Seller are parties to that certain Asset Sale and Transfer Agreement, dated as of October 1, 2022, as may be amended from time to time (the "ATA"), 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, among others, certain intellectual property and similar rights,

WHEREAS, pursuant to the ATA, Seller has agreed to sell, assign and transfer to Buyer, and has sold, assigned and transferred to Buyer, and Buyer has agreed to purchase and assume from Seller, and Buyer has assumed from Seller, all of Seller's right, title and interest in and to, among others, certain intellectual property and similar rights. Among these 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 ATA and no additional compensation shall be required under this Agreement,

WHEREAS, this Agreement is among the necessary and appropriate cooperation contemplated by Section 4 of the ATA;

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 ATA, effect the sale, assignment and transfer of all remaining rights in and to 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 ATA 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 ATA. This Agreement, Appendix A hereto and the ATA 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 ATA, the provisions

of the ATA 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 9.1 of the ATA.

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 shall provide Buyer with at least ten signed and notarized counterparts of this Agreement in due course.

[Remainder of page intentionally left blank. Signature page to follow.]

By their authorized representatives' signatures below, Buyer and Seller hereby agree to the terms and conditions of this Patent Assignment Agreement.

Evonik Active Oxygens, LLC (Seller)

Executed at 2 Turner Place, Piscataway, New Jersey 08854

By: Geoffrey Varga

Name: Geoffrey Varga

Title including signatory power (*Zeichnungsberechtigung*): CEO & President

STATE OF NEW JERSEY)

ss.:

COUNTY OF MIDDLESEX)

On the 3rd day of October, 2024 before me, the undersigned, a notary public in and for said state, personally appeared Geoffrey Varga, personally known to me or proved to me, on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her capacity, and that by his/her signature on the instrument, the individual or the person upon behalf of which the individual acted, executed the instrument.

Patricia Jenatsch
NOTARY PUBLIC
State of New Jersey
My Commission Expires 10/25/2026

Patricia Jenatsch
Notary Public

Commission Expires:

My Commission Expires
October 25, 2026

Evonik Corporation (Buyer)

Executed at 2 Turner Place, Piscataway, New Jersey 08854 USA

By: Xi Wen

Name: Grace Xi Wen

Title including signatory power (*Zeichnungsberechtigung*): Chief Financial Officer

STATE OF NEW JERSEY)

ss.:

COUNTY OF MIDDLESEX)

On the 1st day of October, 2024 before me, the undersigned, a notary public in and for said state, personally appeared Grace Xi Wen, personally known to me or proved to me, on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her capacity, and that by his/her signature on the instrument, the individual or the person upon behalf of which the individual acted, executed the instrument.



Patricia Jenatsch
Notary Public

Commission Expires: 10/25/2026

Patricia Jenatsch
NOTARY PUBLIC
State of New Jersey
My Commission Expires 10/25/2026

APPENDIX A

List of IP Rights

Internal File No, Family	Internal File No	Title	Country	Application No	Application Date	Publication No	Publication Date	Grant No	Grant Date
201922003	2019P22003 US	SOIL REMEDIATION	US	62/890,098	22.08.2019				
201922003	2019P22003EP	SOIL REMEDIATION	EP	19193064.4	22.08.2019				
201922001	2019P22001 US	Remediation Method	US	62/869,688	02.07.2019				
201322003	2013P22003 US	Treatment of arsenic contaminated soil and water	US	61/902,415	11.11.2013				
201322003	2013P22003 US01	Treatment of arsenic contaminated soil and water	US	14/538,119	11.11.2014			9,656,890	23.05.2017
201322003	2013P22003WO	Treatment of arsenic contaminated soil and water	WO	PCT/US2014/064943	11.11.2014	2015/070199	14.05.2015		
201322003	2013P22003WOCA	Treatment of arsenic contaminated soil and water	CA	2,930,294	11.11.2014	2,930,294	14.05.2015	2,930,294	22.03.2022
201322003	2013P22003WOMX	Treatment of arsenic contaminated soil and water	MX	MX/A/2016/006155	11.11.2014			388261	25.11.2021
201222003	2012P22003 TW	Environmental remediation process	TW	102110097	21.03.2013				
201222003	2012P22003 US	Environmental remediation process	US	61/614,246	22.03.2012				
201222003	2012P22003 US01	Environmental remediation process	US	13/848,125	21.03.2013			9,375,768	28.06.2016
201222003	2012P22003WE	Environmental remediation process	EP	13/765154.3	21.03.2013	2828209	28.01.2015	2828209	06.03.2019
201222003	2012P22003WEBE	Environmental remediation process	BE	13/765154.3	21.03.2013	2828209	28.01.2015	2828209	06.03.2019
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201222003	2012P22003WEDK	Environmental remediation process	DK	13/765154.3	21.03.2013	2828209	28.01.2015	2828209	06.03.2019
201222003	2012P22003WEFI	Environmental remediation process	FI	13/765154.3	21.03.2013	2828209	28.01.2015	2828209	06.03.2019
201222003	2012P22003WEFR	Environmental remediation process	FR	13/765154.3	21.03.2013	2828209	28.01.2015	2828209	06.03.2019
201222003	2012P22003WEGB	Environmental remediation process	GB	13/765154.3	21.03.2013	2828209	28.01.2015	2828209	06.03.2019
201222003	2012P22003WEIT	Environmental remediation process	IT	502019000035451	21.03.2013	2828209	28.01.2015	2828209	06.03.2019
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201222003	2012P22003WIESE	Environmental remediation process	SE	13/765154.3	21.03.2013	2828209	28.01.2015	2828209	06.03.2019
201222003	2012P22003WO	Environmental remediation process	WO	PCT/US2013/033226	21.03.2013	2013/142648	26.09.2013		
201222003	2012P22003WOAU	Environmental remediation process	AU	2013235063	21.03.2013			2013235063	07.07.2016
201222003	2012P22003WOBR	Environmental remediation process	BR	11/201423489-2	21.03.2013				
201222003	2012P22003WOCA	Environmental remediation process	CA	2,868,203	21.03.2013			2,868,203	21.07.2020
201222003	2012P22003WOCN	Environmental remediation process	CN	201380022835.0	21.03.2013				
201222003	2012P22003WOCO	Environmental remediation process	CO	14239012	21.03.2013				
201222003	2012P22003WOIL	Environmental remediation process	IL		21.03.2013				
201222003	2012P22003WOJP	Environmental remediation process	JP		21.03.2013				
201222003	2012P22003WOMX	Environmental remediation process	MX	MX/A/2014/011977	21.03.2013			353968	07.02.2018
201222003	2012P22003WOZA	Environmental remediation process	ZA		21.03.2013				
201222002	2012P22002 TW	Organic acid activation of persulfates	TW	102110098	21.03.2013				
201222002	2012P22002 US	Organic acid activation of persulfates	US	61/614,242	22.03.2012				
201222002	2012P22002 US01	Organic acid activation of persulfates	US	13/848,092	21.03.2013			9,821,353	21.11.2017
201222002	2012P22002 US02	Organic acid activation of persulfates	US						

Internal File No, Family	Internal File No	Title	Country	Application No	Application Date	Publication No	Publication Date	Grant No	Grant Date
201222002	2012P22002WE	Organic acid activation of persulfates	EP	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WEAT	Organic acid activation of persulfates	AT	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WEBE	Organic acid activation of persulfates	BE	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WECB	Organic acid activation of persulfates	CH	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WECZ	Organic acid activation of persulfates	CZ	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WEDC	Organic acid activation of persulfates	DE	602013060969.0	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WEDK	Organic acid activation of persulfates	DK	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WEFI	Organic acid activation of persulfates	ES	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WEFR	Organic acid activation of persulfates	FR	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WEGB	Organic acid activation of persulfates	GB	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WEHU	Organic acid activation of persulfates	HU	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WEIT	Organic acid activation of persulfates	IT	50202200029795	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WENL	Organic acid activation of persulfates	NL	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WENO	Organic acid activation of persulfates	NO	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WEPL	Organic acid activation of persulfates	PL	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WEPT	Organic acid activation of persulfates	PT	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WESE	Organic acid activation of persulfates	SE	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WESI	Organic acid activation of persulfates	SI	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WESK	Organic acid activation of persulfates	SK	13764134.6	21.03.2013	2828208	28.01.2015	2828208	23.02.2022
201222002	2012P22002WOWO	Organic acid activation of persulfates	WO	PCT/US2013/033211	21.03.2013	2013/142636	26.09.2013		
201222002	2012P22002WOAU	Organic acid activation of persulfates	AU	20132385139	21.03.2013				
201222002	2012P22002WOAU01	Organic acid activation of persulfates	AU	2016204532	21.03.2013			2016204532	24.05.2018
201222002	2012P22002WOBR	Organic acid activation of persulfates	BR	112014023488-4	21.03.2013			112014023488-4	26.01.2021
201222002	2012P22002WOCA	Organic acid activation of persulfates	CA	2,868,171	21.03.2013			2,868,171	22.06.2021
201222002	2012P22002WOCN	Organic acid activation of persulfates	CN	201380023126.4	21.03.2013				
201222002	2012P22002WOCO	Organic acid activation of persulfates	CO	14-233009	21.03.2013				
201222002	2012P22002WOJP	Organic acid activation of persulfates	JP	2015-501899	21.03.2013				
201222002	2012P22002WOKR	Organic acid activation of persulfates	KR	10-2014-7029478	21.03.2013				
201222002	2012P22002WOMX	Organic acid activation of persulfates	MX	MX/A/2014/01378	21.03.2013			357301	04.07.2018
200622001	2006P22001 US	Composite material for a permeable reactive barrier	US	60/451,467	03.03.2003				
200622001	2006P22001WE	Composite material for a permeable reactive barrier	EP	04716674.9	03.03.2004	1603642	14.12.2005		
200622001	2006P22001WO	Composite material for a permeable reactive barrier	WO	PCT/IB2004/001573	03.03.2004	2004/079030	16.09.2004		
200622001	2006P22001WOCA	Composite material for a permeable reactive barrier	CA	2,519,793	03.03.2004				
200622001	2006P22001WOUS	Composite material for a permeable reactive barrier	US	10/547,854	03.03.2004			7,347,647	25.03.2008
200522003	2005P22003 US	Oxidation of organic compounds	US	60/728,626	20.10.2005	1945317	23.07.2008		
200522003	2005P22003WE	Oxidation of organic compounds	EP	06826653.1	20.10.2006				
200522003	2005P22003WO	Oxidation of organic compounds	WO	PCT/US2006/041076	20.10.2006	2007/047946	26.04.2007		
200522003	2005P22003WOAU	Oxidation of organic compounds	AU	2006304755	20.10.2006			2006304755	20.10.2011

Internal File No, Family	Internal File No	Title	Country	Application No	Application Date	Publication No	Publication Date	Grant No	Grant Date
200522003	2005P22003WOBR	Oxidation of organic compounds	BR	P10617476-0	20.10.2006		26.04.2007	P10617476-0	08.09.2015
200522003	2005P22003WCCA	Oxidation of organic compounds	CA	2.625.080	20.10.2006			2.625.080	05.08.2014
200522003	2005P22003WOMX	Oxidation of organic compounds	MX	MX/A/2008/005155	20.10.2006			312217	12.08.2013
200522003	2005P22003WOUS	Oxidation of organic compounds	US	12/089.735	20.10.2006			7.785.038	31.08.2010
200422001	2004P22001 US	Oxidation of organic compounds at high pH	US	60/547.853	26.02.2004				
200422001	2004P22001WE	Oxidation of organic compounds at high pH	EP	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WEAT	Oxidation of organic compounds at high pH	AT	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WEBE	Oxidation of organic compounds at high pH	BE	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WEBG	Oxidation of organic compounds at high pH	BG	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WECH	Oxidation of organic compounds at high pH	CH	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WECZ	Oxidation of organic compounds at high pH	CZ	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WEDE	Oxidation of organic compounds at high pH	DE	602005040633.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WEDK	Oxidation of organic compounds at high pH	DK	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WEEE	Oxidation of organic compounds at high pH	EE	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
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200422001	2004P22001WEFR	Oxidation of organic compounds at high pH	FR	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WEGB	Oxidation of organic compounds at high pH	GB	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WEGR	Oxidation of organic compounds at high pH	GR	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
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200422001	2004P22001WEPL	Oxidation of organic compounds at high pH	PL	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WEPT	Oxidation of organic compounds at high pH	PT	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WERO	Oxidation of organic compounds at high pH	RO	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WESE	Oxidation of organic compounds at high pH	SE	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WESI	Oxidation of organic compounds at high pH	SI	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WESK	Oxidation of organic compounds at high pH	SK	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WETR	Oxidation of organic compounds at high pH	TR	05723641.6	24.02.2005	1720802	15.11.2006	1720802	31.07.2013
200422001	2004P22001WOWO	Oxidation of organic compounds at high pH	WO	PCT/US2005/005852	24.02.2005	2005/081996	09.09.2005		
200422001	2004P22001WOAU	Oxidation of organic compounds at high pH	AU	2005216224	24.02.2005			2005216224	20.05.2010
200422001	2004P22001WOBR	Oxidation of organic compounds at high pH	BR	P10507968-3	24.02.2005		09.09.2005	P10507968-3	26.03.2019
200422001	2004P22001WCCA	Oxidation of organic compounds at high pH	CA	2.555.484	24.02.2005			2.555.484	05.06.2012
200422001	2004P22001WQJP	Oxidation of organic compounds at high pH	JP	2007-500963	24.02.2005				
200422001	2004P22001WOMX	Oxidation of organic compounds at high pH	MX	PA/A/2006/009697	24.02.2005			271525	04.11.2009
200422001	2004P22001WOUS	Oxidation of organic compounds at high pH	US	10/589.767	24.02.2005			7.576.254	18.08.2009
200322001	2003P22001 US	Treatment of environmental contaminants	US	60/491.007	29.07.2003				-
200322001	2003P22001WE	Treatment of environmental contaminants	EP	04779363.3	28.07.2004	1667935	14.06.2006	1667935	27.06.2018
200322001	2003P22001WEBE	Treatment of environmental contaminants	BE	04779363.3	28.07.2004	1667935	14.06.2006	1667935	27.06.2018
200322001	2003P22001WEDE	Treatment of environmental contaminants	DE	602004052862.5	28.07.2004	1667935	14.06.2006	1667935	27.06.2018
200322001	2003P22001WEDK	Treatment of environmental contaminants	DK	04779363.3	28.07.2004	1667935	14.06.2006	1667935	27.06.2018
200322001	2003P22001WEES	Treatment of environmental contaminants	ES	04779363.3	28.07.2004	1667935	14.06.2006	1667935	27.06.2018

Internal File No, Family	Internal File No	Title	Country	Application No	Application Date	Publication No	Publication Date	Grant No	Grant Date
200322001	2003P22001WEFI	Treatment of environmental contaminants	FI	04779363.3	28.07.2004	1667935	14.06.2006	1667935	27.06.2018
200322001	2003P22001WEFR	Treatment of environmental contaminants	FR	04779363.3	28.07.2004	1667935	14.06.2006	1667935	27.06.2018
200322001	2003P22001WEGB	Treatment of environmental contaminants	GB	04779363.3	28.07.2004	1667935	14.06.2006	1667935	27.06.2018
200322001	2003P22001WEIT	Treatment of environmental contaminants	IT	502018000028665	28.07.2004	1667935	14.06.2006	1667935	27.06.2018
200322001	2003P22001WENL	Treatment of environmental contaminants	NL	04779363.3	28.07.2004	1667935	14.06.2006	1667935	27.06.2018
200322001	2003P22001WESE	Treatment of environmental contaminants	SE	04779363.3	28.07.2004	1667935	14.06.2006	1667935	27.06.2018
200322001	2003P22001WO	Treatment of environmental contaminants	WO	PCT/US2004/024274	28.07.2004	2005/012181	10.02.2005		
200322001	2003P22001WOAU	Treatment of environmental contaminants	AU	2004261626	28.07.2004			2004261626	06.08.2009
200322001	2003P22001WOBR	Treatment of environmental contaminants	BR	P10412251-8	28.07.2004		10.02.2005	P10412251-8	25.09.2018
200322001	2003P22001WOCA	Treatment of environmental contaminants	CA	2.533.772	28.07.2004			2.533.772	15.10.2013
200322001	2003P22001WOJP	Treatment of environmental contaminants	JP	2006-522017	28.07.2004				
200322001	2003P22001WOMX	Treatment of environmental contaminants	MX	PAA/2006/001034	28.07.2004			273547	21.01.2010
200322001	2003P22001WOUS	Treatment of environmental contaminants	US	10/656,584	28.07.2004				
200322001	2003P22001WOUS01	Treatment of environmental contaminants	US	12/187,693	28.07.2004			7,524,141	28.04.2009
200222001	2002P22001 US	Oxidation of organic compounds	US	60/391,568	26.06.2002				
200222001	2002P22001WE	Oxidation of organic compounds	EP	03/762058.0	25.06.2003	1515918	23.03.2005		
200222001	2002P22001WE 01	Oxidation of organic compounds	EP	03/42218.5	25.06.2003	2049442	22.04.2009		
200222001	2002P22001WO 01	Oxidation of organic compounds	WO	PCT/US2003/020107	25.06.2003	2004/002923	08.01.2004		
200222001	2002P22001WOBR	Oxidation of organic compounds	WO	PCT/US2003/020114	25.06.2003	2004/002902	08.01.2004		
200222001	2002P22001WOBR01	Oxidation of organic compounds	BR	P10312037-6	25.06.2003				
200222001	2002P22001WOBR01	Oxidation of organic compounds	BR	P10312040-6	25.06.2003	P10312040-6	08.01.2004	P10312040-6	18.09.2012
200222001	2002P22001WOCA	Oxidation of organic compounds	CA	2,490,296	25.06.2003				
200222001	2002P22001WOCAC01	Oxidation of organic compounds	CA	2,490,114	25.06.2003			2,490,114	09.08.2011
200222001	2002P22001WOMX	Oxidation of organic compounds	MX	PAA/2004/012984	25.06.2003	PAA/012984	18.10.2005		
200222001	2002P22001WOMX01	Oxidation of organic compounds	MX	PAA/2004/012981	25.06.2003			273520	12.01.2010
200222001	2002P22001WOUS	Oxidation of organic compounds	US	10/518,249	25.06.2003	2006/0054570	16.03.2006		
200222001	2002P22001WOUS01	Oxidation of organic compounds	US	10/518,248	25.06.2003	2005/0258110	24.11.2005	7,473,372	06.01.2009

CERTIFICATE OF INCUMBENCY

I, Gregory J. Mulligan, Secretary of **Evonik Corporation** (the "**Corporation**"), hereby certify, for and on behalf of the Corporation, in my capacity as an officer of the Corporation and not in my personal capacity and without incurring any personal liability, that the person named below is a duly appointed officer of the Corporation and holds the position in the Corporation indicated opposite her name as of the date of this Certificate, that she has authority to sign on behalf of the Corporation and that the signature placed opposite her name is the true signature of such person.

<u>Name</u>	<u>Title</u>	<u>Signature</u>
Grace Xi Wen	Chief Financial Officer	<u>Xi Wen</u>

DATED: October 1, 2024

Signature: Gregory J. Mulligan
Name: Gregory J. Mulligan
Title: Secretary

NOTARIAL CERTIFICATE

State of New Jersey)
) ss.
County of Middlesex)

I, the undersigned, Patricia Jenatsch Notary Public, with an office in Piscataway, New Jersey hereby certify that, Gregory J. Mulligan, Secretary of the Corporation, has sufficiently proven his/her identity and has signed the above document before me.

Dated: October 1, 2024

Patricia Jenatsch
Notary Public
Commission Expires: 10/25/2026

Patricia Jenatsch
NOTARY PUBLIC
State of New Jersey
My Commission Expires 10/25/2026




PATENT


REEL: 069004 FRAME: 0212

CERTIFICATE OF INCUMBENCY

I, Gregory J. Mulligan, Secretary of **Evonik Active Oxygens, LLC** (the "**Corporation**"), hereby certify, for and on behalf of the Corporation, in my capacity as an officer of the Corporation and not in my personal capacity and without incurring any personal liability, that the person named below is a duly appointed officer of the Corporation and holds the position in the Corporation indicated opposite his/her name as of the date of this Certificate, that he/she has authority to sign on behalf of the Corporation and that the signature placed opposite his/her name is the true signature of such person.

<u>Name</u>	<u>Title</u>	<u>Signature</u>
Geoffrey Varga	CEO & President	

DATED: October 3, 2024

Signature: 
Name: Gregory J. Mulligan
Title: Secretary

NOTARIAL CERTIFICATE

State of New Jersey)
) ss.
County of Middlesex)

I, the undersigned, Patricia Jenatsch, Notary Public, with an office in Piscataway, New Jersey hereby certify that, Gregory J. Mulligan, Secretary of the Corporation, has sufficiently proven his/her identity and has signed the above document before me.

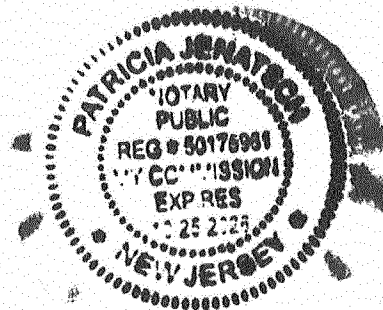
Dated: October 3, 2024


Notary Public

Commission Expires:

My Commission Expires
October 25, 2026

Patricia Jenatsch
NOTARY PUBLIC
State of New Jersey
My Commission Expires 10/25/2026



[confidential]

RECORDED: 10/24/2024

PATENT
REEL: 069004 FRAME: 0213