

## PATENT ASSIGNMENT COVER SHEET

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Assignment ID: PATI780638

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT
<b>EFFECTIVE DATE:</b>	07/01/2023
<b>SEQUENCE:</b>	2

## CONVEYING PARTY DATA

Name	Execution Date
BASF Corporation	12/17/2024

## RECEIVING PARTY DATA

<b>Company Name:</b>	BASF Mobile Emissions Catalysts LLC
<b>Street Address:</b>	33 Wood Avenue South
<b>City:</b>	Iselin
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	08830

## PROPERTY NUMBERS Total: 79

Property Type	Number
Application Number:	13272007
Application Number:	12014295
Application Number:	16703042
Application Number:	16262561
Application Number:	15672932
Application Number:	15355130
Application Number:	15054753
Application Number:	14624186
Application Number:	14624179
Application Number:	14607777
Application Number:	14607471
Application Number:	14595804
Application Number:	11836476
Application Number:	14497454
Application Number:	14454931
Application Number:	13274635
Application Number:	13309265
Application Number:	14389605

PATENT

Property Type	Number
Application Number:	13100663
Application Number:	13087497
Application Number:	12022338
Application Number:	15590535
Application Number:	14274300
Application Number:	10874051
Application Number:	12391812
Application Number:	12490252
Application Number:	12490803
Application Number:	12497846
Application Number:	14046216
Application Number:	15227530
Application Number:	16783822
Application Number:	11947324
Application Number:	12336070
Application Number:	11959090
Application Number:	12038459
Application Number:	12365182
Application Number:	11504247
Application Number:	17661058
Application Number:	15995316
Application Number:	13214445
Application Number:	13214391
Application Number:	18055708
Application Number:	12031063
Application Number:	14598854
Application Number:	12480360
Application Number:	12038423
Application Number:	11748759
Application Number:	12420895
Application Number:	12028300
Application Number:	11676798
Application Number:	10634659
Application Number:	12774469
Application Number:	12954067
Application Number:	12954257
Application Number:	12943109
Application Number:	12916676

Property Type	Number
Application Number:	12572730
Application Number:	12643614
Application Number:	12428912
Application Number:	12840827
Application Number:	12793586
Application Number:	12755032
Application Number:	12750001
Application Number:	12686817
Application Number:	11426792
Application Number:	11271004
Application Number:	11282814
Application Number:	12687345
Application Number:	12612142
Application Number:	12263871
Application Number:	12609622
Application Number:	16855514
Application Number:	15806167
Application Number:	14973560
Application Number:	14973353
Application Number:	12484710
Application Number:	14598809
Application Number:	13790973
Application Number:	12330663

#### **CORRESPONDENCE DATA**

**Fax Number:** 7166260366

*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:** (716)458-0019

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**Correspondent Name:** Ellen S. Simpson

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**Address Line 2:** 5555 Main Street

**Address Line 4:** Buffalo, NEW YORK 14221

<b>ATTORNEY DOCKET NUMBER:</b>	BP00026
<b>NAME OF SUBMITTER:</b>	ELLEN SIMPSON
<b>SIGNATURE:</b>	/ELLEN SIMPSON/
<b>DATE SIGNED:</b>	01/27/2025

**Total Attachments: 4**

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source=BASF Corporation to BASF MEC\_Conf. DoA\_PTs (1)#page4.tiff

**Confirmatory Deed of Assignment  
and Consent to Recordal  
United States**

THIS DEED is made between:

**BASF Corporation**, a company duly organized and existing under the Laws of the State of Delaware, United States of America of *100 Park Avenue, Florham Park, New Jersey 07932, USA*

("the Assignor")

and

**BASF Mobile Emissions Catalysts LLC**, a company duly organized and existing under the Laws of the State of Delaware, United States of America, of *33 Wood Avenue South, Iselin, New Jersey 08830, USA*

("the Assignee");

WHEREAS:

- (a) The Assignor was the proprietor of the patents in United States as set out in the attached schedule marked "Annex A" and
- (b) Pursuant to the Patent and Know-How Transfer Agreement dated 1<sup>st</sup> day of July 2023 Assignor has assigned Assignor's entire right, title and interest in and to the patents to the Assignee.
- (c) The Assignment of the afore-mentioned patents became effective on the 1<sup>st</sup> day of July, 2023.

IT IS AGREED THAT:

For good and valuable consideration, receipt of which is hereby acknowledged by the Assignor, the Assignor hereby confirms that it has assigned, transferred and set over unto the Assignee, its successors and assigns, effective on 1<sup>st</sup> day of July, 2023 all right, title and interests in **United States** in the patents together with the goodwill of the business represented and symbolised by the patents and the Assignee accepts the said assignment.

IN WITNESS WHEREOF, the Assignor and Assignee have caused this Assignment to be executed by their authorized representatives.

Signed as a Deed in Munich on behalf of the **Assignor** this 17 day of December 2024 by



**Sabina Colic**, Proxy-Holder  
**BASF Corporation**

Signed as a Deed in Munich on behalf of the **Assignee** this 17 day of December 2024 by



**Aleksandra Obrenovic**, Proxy-Holder  
**BASF Mobile Emissions Catalysts LLC**

## Annex A

IPR Name	Application No
NOx Storage Material with High Resistance to Thermal Aging	13/272007
Highly active Pd-only TWC	12/014295
Catalyzed SCR Filter	16/703042
Catalyzed SCR Filter	16/262561
Catalyzed SCR Filter	15/672932
Catalyzed SCR Filter	15/355130
Catalyzed SCR Filter	15/054753
Catalyzed SCR Filter	14/624186
Catalyzed SCR Filter	14/624179
Catalyzed SCR Filter	14/607777
Catalyzed SCR Filter	14/607471
Catalyzed SCR Filter	14/595804
Highly active Pd-only TWC	11/836476
Catalyzed SCR Filter	14/497454
Catalyzed SCR Filter	14/454931
Catalyzed SCR Filter	13/274635
DIESEL OXIDATION CATALYSTS, SYSTEMS AND METHODS OF TREATMENT	13/309265
Lean NOx Trap Diesel Oxidation Catalyst with Hydrocarbon Storage Function	14/389605
Catalyzed Soot Filter and Emissions Treatment Systems	13/100663
Gasoline Engine Emissions Treatment Systems Having Gasoline Particulate Filters	13/087497
Enhanced Mass Transfer Limited Conversion using High Porosity substrates and Improved Catalyst Adhesion	12/022338
Emissions Treatment System with Ammonia-Generating and SCR Catalysts	15/590535
Emissions Treatment System with Ammonia-Generating and SCR Catalysts	14/274300
Tuning OSC of Three-way Catalysts with Precious Metals and Layering of Oxygen Storage Components to Improve Vehicle Drivability and to Meet OBD	10/874051
Emission Treatment Systems and Methods Using Passivated Surfaces	12/391812
NOx Adsorber Catalyst with Superior Low Temperature Performance	12/490252
Pt-Pd DOC with CO/HC Light-off and HC Storage Function	12/490803
NOx Storage Material with High Resistance to Thermal Aging	12/497846
Emissions Treatment System with Ammonia-Generating and SCR Catalysts	14/046216
Diesel Oxidation Catalyst and Use Thereof in Diesel and Advanced Combustion Diesel Engine Systems	15/227530
Chazabite Zeolite Catalysts Having Low Silica to Alumina Ratios	16/783822
Active Catalyzed Diesel Soot Filter with Inlet Zone Coat	11/947324
A Coating Process for Catalyzed Soot Filters that does not require Passivation Step	12/336070
A Coating Process for Catalyzed Soot Filters that does not require Passivation Step	11/959090
Bifunctional Catalysts for Selective Ammonia Oxidation	12/038459
Gasoline Engine Emissions Treatment Systems Having Particulate Traps	12/365182
PHOSGARD, A New Way to Improve Poison Resistance in Threeway Catalyst Application	11/504247
DOC - CSF - SCR system utilizing DOC technology specifically designed for active filter regeneration	17/661058
DOC - CSF - SCR system utilizing DOC technology specifically designed for active filter regeneration	15/995316
Novel non-zeolitic metal-containing catalyst with CHA framework structure for SCR of NOx with NH3	13/214445

Novel non-zeolitic metal-containing catalyst with CHA framework structure for SCR of NO <sub>x</sub> with NH <sub>3</sub>	13/214391
Copper Cha Zeolite Catalysts	18/055708
CSF With Low Platinum/Palladium Ratios	12/031063
Copper Cha Zeolite Catalysts	14/598854
Copper Cha Zeolite Catalysts	12/480360
Copper Cha Zeolite Catalysts	12/038423
CATALYSTS THAT ARE EFFECTIVE IN SYSTEMS THAT COMBINE NO <sub>x</sub> TRAP AND SCR	11/748759
Catalyzed SCR Filter	12/420895
Catalyzed SCR Filter	12/028300
Catalyzed SCR Filter	11/676798
Catalyzed SCR Filter	10/634659
Integrated SCR and AMOX Catalyst Systems	12/774469
Advanced Catalyzed Soot Filters And Method of Making And Using The Same	12/954067
Diesel Oxidation Catalyst Articles And Methods Of Making And Using	12/954257
Wall Flow Filter Loaded With SCR Catalyst, Systems and Methods of Exhaust Gas Treatment	12/943109
Small Engine Layered Catalyst Article and Method of Making	12/916676
Four-Way Diesel Catalysts and Methods of Use	12/572730
Title not available	12/643614
Threeway Catalyst for SULEV Hydrocarbon	12/428912
Oxygen Storage Catalyst with Decreased Ceria Reduction Temperature	12/840827
Polymeric Trap with Adsorbent	12/793586
Zoned Catalysts for Diesel Applications	12/755032
Emissions Treatment System with Ammonia-Generating and SCR Catalysts	12/750001
Diesel Oxidation Catalyst Composite with Layer Structure for Carbon Monoxide and Hydrocarbon Conversion	12/686817
Diesel Exhaust Treatment Catalyst Monitoring	11/426792
Diesel Particulate Filters Having Ultra-thin Catalyzed Oxidation Coatings	11/271004
Hydrocarbon Adsorption Method and Device for Controlling Evaporative Emissions from the Fuel Storage System of Motor Vehicles	11/282814
Diesel Oxidation Catalyst and Use Thereof in Diesel and Advanced Combustion Disel Engine Systems	12/687345
Chazabite Zeolite Catalysts Having Low Silica to Alumina Ratios	12/612142
Integrated SCR and AMOX Catalyst Systems	12/263871
TWC Catalyst Design with Improved Pd-OSC Synergistic Functions	12/609622
Copper Cha Zeolite Catalysts	16/855514
Copper Cha Zeolite Catalysts	15/806167
Copper Cha Zeolite Catalysts	14/973560
Copper Cha Zeolite Catalysts	14/973353
DOC - CSF - SCR system utilizing DOC technology specifically designed for active filter regeneration	12/484710
Copper Cha Zeolite Catalysts	14/598809
Copper Cha Zeolite Catalysts	13/790973
DOC - CSF - SCR system utilizing DOC technology specifically designed for active filter regeneration	12/330663
Thermally Stable and Sulfur-Resistant Nox Trap Catalysts and Methods to Make the Same	10/355779
Multi-Zoned Catalyst to Trap and Combust Hydrocarbons (or Reduce Oxides of Nitrogen) in a Single Unit	10/366096
High Phosphorous Poisoning Resistant Catalysts for Automobile Exhaust after Treatment System; a Method and Unique Design	11/182462
Corrosion Resistant Coating for Aircraft Seat Tracks on the DCH-8 Aircraft	10/973502
Ammonia/CO Oxidation in Natural Gas Power Utilities	11/864813
Pt-Pd DOC with CO/HC Light-off and HC Storage Function	11/450716

Zone Coated Catalyst to Simultaneously Reduce Nox and Un-reacted Ammonia	12/338940
CATALYSTS THAT ARE EFFECTIVE IN SYSTEMS THAT COMBINE NOx TRAP AND SCR	10/975428
Threeway Catalyst for SULEV Hydrocarbon	11/840715
Threeway Catalyst for SULEV Hydrocarbon	11/759695
Zone Coated Catalyst to Simultaneously Reduce Nox and Un-reacted Ammonia	10/925018
Catalyzed Soot Filter with Axial Pt Gradient and Homogeneous Permeability	11/218840
TWC Catalyst Design with Improved Pd-OSC Synergistic Functions	11/836397