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| PATENT ASSIGNMENT COVER SHEET |
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Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3761777

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| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the NAMES OF RECEIVING PARTY(IES) previously recorded on Reel 033701 Frame 0045. Assignor(s) hereby confirms the THE NAMES OF THE RECEIVING PARTIES ARE BAYER MATERIALSCIENCE LLC AND BAYER MATERIALSCIENCE AKTIENGESELLSCHAFT. |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| BERND PENNEMANN | 06/23/2014 |
| ULRICH WESTPHAL | 06/25/2014 |
| DIETER FOERTSCH | 06/25/2014 |
| SPOTSWOOD MILLER | 07/08/2014 |

RECEIVING PARTY DATA

| | |
|------------------------|--|
| Name: | BAYER MATERIALSCIENCE LLC |
| Street Address: | 100 BAYER ROAD |
| City: | PITTSBURGH |
| State/Country: | PENNSYLVANIA |
| Postal Code: | 15205-9741 |
| Name: | BAYER MATERIALSCIENCE AKTIENGESELLSCHAFT |
| Street Address: | 51368 |
| City: | LEVERKUSEN |
| State/Country: | GERMANY |
| Postal Code: | 51368 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|----------------------------|----------|
| Application Number: | 14300504 |

CORRESPONDENCE DATA

Fax Number: (412)413-3902
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: 412-413-3862
Email: US-IPR@Covestro.com
Correspondent Name: COVESTRO LLC
Address Line 1: 1 COVESTRO CIRCLE
Address Line 4: PITTSBURGH, PENNSYLVANIA 15205

PATENT

| | |
|--------------------------------|-----------------------|
| ATTORNEY DOCKET NUMBER: | BMS121073 |
| NAME OF SUBMITTER: | DONALD R. PALLADINO |
| SIGNATURE: | /DONALD R. PALLADINO/ |
| DATE SIGNED: | 03/01/2016 |

Total Attachments: 10

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source=correctedrecordingformcover#page1.tif
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source=originalrecordingformcover#page1.tif
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February 29, 2016

U.S. Patent and Trademark Office
Assignment Service Branch
P.O. Box 1450
Alexandria VA 22313-1450

Re: 502968281
Reel/Frame: 033701/0045

Covestro LLC
1 Covestro Circle
Pittsburgh, PA 15205
USA

Dear Examiner:

Attached is a copy of the above-identified Notice of Recordation of Assignment document, Recordation Cover Sheet and Assignment documents as originally sent, and as recorded on Reel 033701, Frame 0045.

Telephone
412-413-3820
Fax
412-413-3902
Email
Donald.Palladino
@covestro.com

Also attached is a corrected Recordation Cover sheet indicating that the correct Receiving Party(ies) are Bayer MaterialScience LLC and Bayer MaterialScience Aktiengesellschaft.

Please make this correction and send a corrected Notice of Recordation of Assignment Document to US-IPR@Covestro.com. Our mailing address is Covestro LLC, 1 Covestro Circle, Pittsburgh, PA 15205.

Should any fees be associated with this filing, please charge to Deposit Account 13-3848.

Sincerely,

A handwritten signature in black ink, appearing to read "Donald R. Palladino", written over a horizontal line.

Donald R. Palladino
Senior Patent Counsel
Law, Intellectual Property & Compliance

/BMS121073.assignment correction.ltr

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

1) Bernd Pennemann; 2) Ulrich Westphal;
3) Dieter Foertsch; 4) Spotswood Miller

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Bayer MaterialScience LLC

Internal Address: _____

Street Address: 100 Bayer Road

City: Pittsburgh

State: PA

Country: USA Zip: 15205-9741

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 6/23/2014;6/25/2014;6/25/2014;7/8/2014

- Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other Correction to 502968281

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
14/300,504

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Covestro LLC

Internal Address: _____

Street Address: 1 Covestro Circle

City: Pittsburgh

State: PA Zip: 15205

Phone Number: 412-413-3862

Fax Number: 412-413-3902

Email Address: US-IPR@Covestro.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0

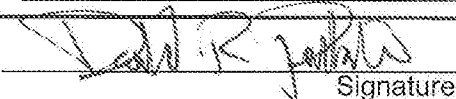
- Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:


Signature

3/1/2016
Date

Donald R. Palladino
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

10

ATTACHMENT FOR RECORDATION FORM COVER SHEET
PATENTS ONLY (Form PTO-1595)

1. Name of conveying party(ies):

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Bayer MaterialScience Aktiengesellschaft

Internal Address: _____

Street Address: _____

City: Leverkusen State: DE ZIP: 51368

Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

1.) Bernd Pennemann; 2.) Ulrich Westphal
3.) Dieter Foertsch 4.) Spotswood Miller

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 06/23/2014; 06/25/2014; 06/25/2014; 07/08/2014

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: Bayer MaterialScience LLC

Internal Address: _____

Street Address: 100 Bayer Road

City: Pittsburgh

State: PA

Country: USA Zip: 15205-9741

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

A. Patent Application No.(s)
14/300,504

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Bayer MaterialScience LLC

Internal Address: _____

Street Address: 100 Bayer Road

City: Pittsburgh

State: PA Zip: 15205-9741

Phone Number: 412-777-3866

Fax Number: 412-777-3902

Email Address: veronica.thompson@bayer.com

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 0

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

Lisa A. Miller
Signature

September 9, 2014

Date

Lisa A. Miller
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

-5-

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS We, 1) Bernd Pennemann, 2) Ulrich Westphal; 3) Dieter Foertsch;
4) Spotswood Miller
of 1) Lizzstrasse 1, 51467 Bergisch Gladbach, Germany; 2) Adolfsstrasse 22, 51373 Leverkusen, Germany
3) Scharweg 23, 42799 Leichlingen, Germany; 4) 1106 West Viejo Drive, Friendswood, TX USA
have invented certain improvements in METHOD AND APPARATUS FOR DENOXING WASTE GASES
FROM NITRATION

described in a patent application executed by us and identified in the United States Patent Office as follows:

Serial No.: 14/300,504

Filed: June 10, 2014

and Attorney's Docket No.: BMS121073; and

WHEREAS, BAYER MATERIALSCIENCE LLC, of Pittsburgh, Pennsylvania, a limited liability company of the State of Delaware and BAYER MATERIALSCIENCE AKTIENGESELLSCHAFT, of Leverkusen, Germany, a corporation of Germany, are desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefore; this document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

NOW, THEREFORE, for valuable consideration and in accordance with the obligations in our employment contracts with BAYER MATERIALSCIENCE LLC and BAYER MATERIALSCIENCE AKTIENGESELLSCHAFT, we do hereby sell, assign and transfer unto said BAYER MATERIALSCIENCE LLC and BAYER MATERIALSCIENCE AKTIENGESELLSCHAFT, their successors and assigns, the entire right, title, and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also any improvements on said invention or inventions now or hereafter made by during the period of our employment; also the entire right, title and interest in and to any and all patents or issuances or extensions thereof to be obtained in this or any foreign country upon said invention, inventions or improvements and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention, inventions or improvements in this or any foreign country; and we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said BAYER MATERIALSCIENCE LLC and BAYER MATERIALSCIENCE AKTIENGESELLSCHAFT, as assignees of the entire interest.

We further agree, without any payment by BAYER MATERIALSCIENCE LLC and BAYER MATERIALSCIENCE AKTIENGESELLSCHAFT, other than expenses incurred by the undersigned, to communicate to said BAYER MATERIALSCIENCE LLC and BAYER MATERIALSCIENCE AKTIENGESELLSCHAFT, their representatives or agents, any facts relating to said invention, inventions or improvements, including evidence for interference purposes or for other legal proceedings, whenever requested, testify in any interference or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

SIGNED AT Leverkusen, Germany

23.6.2014 (Date) L.S.) 1) B. Pennemann
Bernd Pennemann

SIGNED AT _____, Germany

25.6.2014 (Date) (L.S.) 2) Ulrich Westphal
Ulrich Westphal

SIGNED AT Levelusen, Germany

2014-06-25
(Date)

(L.S.) 3



Dieter Foertsch

SIGNED AT _____, Texas, USA

(Date)

(L.S.) 4

Spotswood Miller

/vjt/BMS121073assignment

ASSIGNMENT

WHEREAS We, 1) Bernd Pennemann, 2) Ulrich Westphal; 3) Dieter Foertsch;
4) Spotswood Miller
of 1) Liszstrasse 1, 51467 Bergisch Gladbach, Germany; 2) Adolfsstrasse 22, 51373 Leverkusen, Germany
3) Scharweg 23, 42799 Leichlingen, Germany; 4) 1106 West Viejo Drive, Friendswood, TX USA
have invented certain improvements in METHOD AND APPARATUS FOR DENOXING WASTE GASES
FROM NITRATION

described in a patent application executed by us and identified in the United States Patent Office as follows:

Serial No.: 14/300,504

Filed: June 10, 2014

and Attorney's Docket No.: BMS121073; and

WHEREAS, BAYER MATERIALSCIENCE LLC, of Pittsburgh, Pennsylvania, a limited liability company of the State of Delaware and BAYER MATERIALSCIENCE AKTIENGESELLSCHAFT, of Leverkusen, Germany, a corporation of Germany, are desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefore; this document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

NOW, THEREFORE, for valuable consideration and in accordance with the obligations in our employment contracts with BAYER MATERIALSCIENCE LLC and BAYER MATERIALSCIENCE AKTIENGESELLSCHAFT, we do hereby sell, assign and transfer unto said BAYER MATERIALSCIENCE LLC and BAYER MATERIALSCIENCE AKTIENGESELLSCHAFT, their successors and assigns, the entire right, title, and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also any improvements on said invention or inventions now or hereafter made by during the period of our employment; also the entire right, title and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention, inventions or improvements and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention, inventions or improvements in this or any foreign country; and we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said BAYER MATERIALSCIENCE LLC and BAYER MATERIALSCIENCE AKTIENGESELLSCHAFT, as assignees of the entire interest.

We further agree, without any payment by BAYER MATERIALSCIENCE LLC and BAYER MATERIALSCIENCE AKTIENGESELLSCHAFT, other than expenses incurred by the undersigned, to communicate to said BAYER MATERIALSCIENCE LLC and BAYER MATERIALSCIENCE AKTIENGESELLSCHAFT, their representatives or agents, any facts relating to said invention, inventions or improvements, including evidence for interference purposes or for other legal proceedings, whenever requested, testify in any interference or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

SIGNED AT _____, Germany,

(Date) L.S.) 1) Bernd Pennemann

SIGNED AT _____, Germany,

(Date) (L.S.) 2) Ulrich Westphal

SIGNED AT _____, Germany,

(Date) (L.S.) 3) _____
Dieter Foertsch

SIGNED AT Baytown, Texas,

8 July 2014 _____ (L.S.) 4) Spotswood Miller
(Date) Spotswood Miller

/vjt/BMS121073assignment