503566297 11/12/2015 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3612924

| SUBMISSION TYPE: | | NEW ASSIGNMENT | | | |
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| NATURE OF CONVEYAN | ICE: | ASSIGNMENT | | | |
| CONVEYING PARTY DA | ΑΤΑ | · | | | |
| | | Name | Execution Date | | |
| THOMAS KNAUF | | | 09/23/2015 | | |
| WOLFGANG LORENZ | 10/05/2015 | | | | |
| STEFAN WERSHOFEN | 09/23/2015 | | | | |
| RICHARD ADAMSON | 09/23/2015 | | | | |
| KARSTEN BECKER | | | 09/23/2015 | | |
| RECEIVING PARTY DA | ТА | | | | |
| Name: | COVESTRO DEUTSCHLAND AG | | | | |
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| City: | LEVERKUSEN | | | | |
| State/Country: | GERMANY | | | | |
| Postal Code: | 51373 | | | | |
| PROPERTY NUMBERS Total: 1 Property Type | | Number | | | |
| Application Number: | | 14783163 | | | |
| CORRESPONDENCE D | ΔΤΔ | | | | |
| | | (412)413-3902 | | | |
| | e sent to | o the e-mail address first; if that is | , | | |
| • | | d; if that is unsuccessful, it will be | sent via US Mail. | | |
| | | 412-413-3820 US-IPR@covestro.com | | | |
| Correspondent Name: | COVESTRO LLC | | | | |
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| ATTORNEY DOCKET NU | JMBER: | BMS101222US | | | |
| NAME OF SUBMITTER: | | DONALD R. PALLADINO | DONALD R. PALLADINO | | |
| SIGNATURE: | | /Donald R. Palladino/ | /Donald R. Palladino/ | | |
| DATE SIGNED: | | 11/12/2015 | 11/12/2015 | | |
| | | This document serves as an (| This document serves as an Oath/Declaration (37 CFR 1.63). | | |
| | | This document serves as an c | Jain/Declaration (37 GFR 1.03). | | |
| otal Attachments: 6 | | | | | |

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U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

| 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. | | | | | |
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| | | | | | |
| Additional name(s) of conveying party(ies) attached? X Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>9/23/15; 10/05/15; 9/23/15; 9/23/15 & 9/23/15</u> | Street Address: Kaiser-Wilhelm-Allee 60 City: Leverkusen State: Country: Germany Zip: 51373 Additional name(s) & address(es) attached? | | | | |
| X Assignment Merger Security Agreement Change of Name Joint Research Agreement | | | | | |
| Government Interest Assignment Executive Order 9424, Confirmatory License Other | | | | | |
| A. Patent Application No.(s) U.S. Serial No.: 14/783,163 Filed: October 8, 2015 Attorney Docket No.: BMS101222US | document is being filed together with a new application. B. Patent No.(s) | | | | |
| Additional numbers att 5. Name and address to whom correspondence concerning document should be mailed: | ached? Yes X No 6. Total number of applications and patents involved: 1 | | | | |
| Name: <u>Donald R. Palladino</u> Internal Address: <u>Covestro LLC</u> | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ | | | | |
| Street Address: 1 Covestro Circle | Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) | | | | |
| City: <u>Pittsburgh</u> | 8. Payment Information | | | | |
| State: <u>PA</u> Zip: <u>15205</u> | | | | | |
| Phone Number: 412-413-3820 | Deposit Account Number 13-3848 | | | | |
| Fax Number: <u>412-413-3902</u> | | | | | |
| Email Address: US-IPR@covestro.com | Authorized User Name | | | | |
| 9. Signature: | <u>11/12/2015</u> | | | | |
| Donald R. Palladino Name of Person Signing | Total number of pages including cover | | | | |
| Documents to be recorded (including cover sheet Mail Stop Assignment Recordation Services, Director of | | | | | |

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|---|---|-------------------------|----------------------------|--|--|
| 1. Name of convey | ing party(ies): | | | | |
| <u>3) Stef</u> | an Wershofen | 4) Richard | Adamson | | |
| <u>5) Kar</u> | rsten Becker | | | | |
| Additior | nal name(s) of conveying party(ies) attached? | Yes X No | | | |
| | ess of receiving party(ies) | | | | |
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| Name and addre | ss of receiving party(ies) | | | | |
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| | Additional name(s) & address(es) attached? | | - | | |
| 4 Application num | per(s) or patent number(s): | | 4 | | |
| | is being filed together with a new applic | cation, the execution d | ate of the application is: | | |
| | ent Application No.(s) | | ent No.(s) | | |
| A. Fat | ent Application No.(5) | D. Fak | 5ht NO.(5) | | |
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| | Additional numbers attached? | Yes 🔀 No | | | |

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Docket No

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

ASSIGNMENT

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below, and

Whereas, 1 COVESTRO DEUTSCHLAND AG of 1 Kaiser-Wilhelm-Allee 60, 51373 Leverkusen, DE, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor,

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors, legal representatives, and assigns, my/our entire right, title and interest, if any, in the invention and the application for the United States of America, including all direct and indirect divisions, continuations, and continuations-in-part thereof, and all original, extended, reissued, reviewed, and reexamined Letters Patent of the United States, and all countries foreign thereto, that may be granted thereon, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U S C §119, and I/we request the Director of the U S Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns, and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will without further consideration, communicate all facts known to me/us and execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee, its successors, legal representatives, or assigns I/We further represent and warrant that I/We have the full right to convey the interest assigned by this assignment, and that I/We have not granted any rights inconsistent with the rights granted herem. I/We further acknowledge an obligation of assignment of this invention to assignee at the time the invention was made

(Legalization not required for recording but is prima face evidence of execution under 35 U S C §261)

DECLARATION

As a below named inventor, I hereby declare that this assignment with declaration is directed to

The attached application, OR Inited States Application or PCT International Application Number <u>PCT/EP2014/056979</u> filed on <u>2014-04-08</u> (Confirmation No

PRE-AIA

My residence, mailing address, and citizenship are as stated below next to my name

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention titled

PROCESS FOR THE PREPARATION OF DI- AND POLYAMINES OF THE DIPHENYLMETHANE SERIES

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1 56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national of PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issued thereon

POST-AIA

The above identified application was made or was authorized to be made by me

I believe I am the original inventor or an original joint inventor of a claimed invention in the application

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both

Authorization To Permit Access To Application by Participating Office

 \Box If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1 14(c) and (h) This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application is filed to have access to the application.

In accordance with 37 CFR 1 14(h)(3), access will be provided to a copy of the application-as-filed with respect to 1) the aboveidentified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1 55 has been filed in the aboveidentified patent application, and 3) any US application-as-filed from which benefit is sought in the above-identified patent application

In accordance with 37 CFR 1 14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office

FULL NAME OF INVENTOR RESIDENCE[.] POST OFFICE ADDRESS CITIZENSHIP: SIGNATURE / DATE

FULL NAME OF INVENTOR RESIDENCE[.] POST OFFICE ADDRESS. CITIZENSHIP SIGNATURE / DATE

FULL NAME OF INVENTOR; RESIDENCE[,] POST OFFICE ADDRESS[,] CITIZENSHIP SIGNATURE / DATE

FULL NAME OF INVENTOR. RESIDENCE[,] POST OFFICE ADDRESS CITIZENSHIP[,] SIGNATURE / DATE

FULL NAME OF INVENTOR RESIDENCE: POST OFFICE ADDRESS CITIZENSHIP. SIGNATURE / DATE 1 Dr Thomas KNAUF 41542 Dormagen, DE Balgheimer Str 89, 41542 Dormagen, DE DE

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 Ripphahn 11, 41065 Monchengladbach, DE
 DE
- 4 Richard ADAMSON 42799 Leichlingen, DE Johannisberg 2a, 42799 Leichlingen, DE GB
- 5 Karsten BECKER 51371 Leveikusen, DE An der Lehmkuhle 32, 51371 Leverkusen, DE DE

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Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors, legal representatives, and assigns, my/our entire right, title and interest, if any, in the invention and the application for the United States of America, including all direct and indirect divisions, continuations, and continuations-in-part thereof, and all original, extended, reissued, reviewed, and reexamined Letters Patent of the United States, and all countries foreign thereto, that may be granted thereon, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U S.C. §119, and I/we request the Director of the U S Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will without further consideration, communicate all facts known to me/us and execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee, its successors, legal representatives, or assigns I/We further represent and warrant that I/We have the full right to convey the interest assigned by this assignment, and that I/We have not granted any rights inconsistent with the rights granted herein I/We further acknowledge an obligation of assignment of this invention to assignee at the time the invention was made

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In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the aboveidentified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the aboveidentified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

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FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE / DATE 1. Dr. Thomas KNAUF 41542 Dormagen, DE Balgheimer Str.89, 41542 Dormagen, DE DE Mours (Much) 2015-03-23

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3. Dr. Stefan WERSHOFEN 41065 Mönchengladbach, DE Ripphahn 11, 41065 Mönchengladbach, DE DE Stefan 2015

4. Richard ADAMSON 42799 Leichlingen, DE Johannisberg 2a, 42799 Leichlingen, DE GB ())dummer 2015-()9-73

5. Karsten BECKER 51371 Leverkusen, DE An der Lehmkuhle 32, 51371 Leverkusen, DE DI 2015-09-23

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