

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6626432

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEFAN WERSHOFEN	02/25/2021
ANTON VIDAL-FERRAN	03/11/2021
JOSE LUIS NUNEZ RICO	02/19/2021
JAVIER PEREZ-RAMIREZ	02/19/2021
BEGONA PUERTOLAS LACAMBRA	09/24/2020
AMOL P. AMRUTE	11/20/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COVESTRO INTELLECTUAL PROPERTY GMBH & CO. KG
<b>Street Address:</b>	KAISER-WILHELM-ALLEE 60
<b>City:</b>	LEVERKUSEN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	51373
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17040572
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)413-3902
<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>	
<b>Phone:</b>	412-413-3820
<b>Email:</b>	US-IPR@covestro.com
<b>Correspondent Name:</b>	COVESTRO LLC
<b>Address Line 1:</b>	1 COVESTRO CIRCLE
<b>Address Line 4:</b>	PITTSBURGH, PENNSYLVANIA 15205
<b>ATTORNEY DOCKET NUMBER:</b>	2017P30184WOUS
<b>NAME OF SUBMITTER:</b>	DONALD R. PALLADINO
<b>SIGNATURE:</b>	/Donald R. Palladino/
<b>DATE SIGNED:</b>	03/29/2021
<b>Total Attachments: 16</b>	

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**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, Covestro Intellectual Property GmbH & Co KG of Kaiser-Wilhelm-Allee 60, 51373, Leverkusen, (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 herein. 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 facie 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  United States Application or PCT International Application  
Number PCT/EP2019/057541 filed on March 26, 2019 (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 Heterogeneous Catalysts for the Synthesis of Carbamates

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 or 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 or any patent issued thereon

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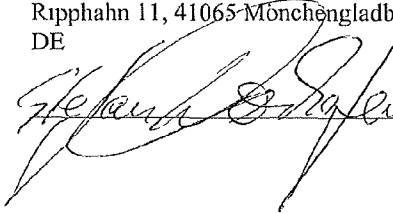
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FULL NAME OF INVENTOR  
RESIDENCE:  
POST OFFICE ADDRESS:  
CITIZENSHIP

1. Dr. Stefan WERSHOFEN  
41065 Mönchengladbach,DE  
Rippbahn 11, 41065 Mönchengladbach,DE  
DE

SIGNATURE/DATE



2021-02-25

FULL NAME OF INVENTOR  
RESIDENCE  
POST OFFICE ADDRESS  
CITIZENSHIP

2. Dr. Anton VIDAL-FERRAN  
50733 Köln,DE  
Nettelbeckstr.4; 50733 Köln,DE  
ES

SIGNATURE/DATE

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FULL NAME OF INVENTOR  
RESIDENCE  
POST OFFICE ADDRESS:  
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3. Dr. Jose Luis Nunez RICO  
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Carrer Vent 24, 43340 Motbrijo del Camp,ES  
ES

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FULL NAME OF INVENTOR  
RESIDENCE  
POST OFFICE ADDRESS:  
CITIZENSHIP

4. Javier PEREZ-RAMIREZ  
8006 Zürich,CH  
Vogelsangstr 11, 8006 Zürich,CH  
ES

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FULL NAME OF INVENTOR  
RESIDENCE.  
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CITIZENSHIP:

5. D1. Begona PUERTOLAS LACAMBRA  
8051 Zurich;CH  
Uberlandstraße 357, 8051 Zürich;CH  
ES

SIGNATURE/DATE

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FULL NAME OF INVENTOR  
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POST OFFICE ADDRESS  
CITIZENSHIP.

6. D1. Amol P AMRUTE  
227 34 Lund,SE  
Vildandsvagen 10H; 227 34 Lund,SE  
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FULL NAME OF INVENTOR:  
RESIDENCE:  
POST OFFICE ADDRESS  
CITIZENSHIP:

1. Dr. Stefan WERSHOFEN  
41065 Monchengladbach;DE  
Rippbahn 11, 41065 Monchengladbach,DE  
DE

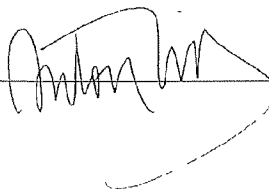
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FULL NAME OF INVENTOR  
RESIDENCE  
POST OFFICE ADDRESS  
CITIZENSHIP

2. Dr. Anton VIDAL-FERRAN  
50733 Köln,DE  
Nettelbeckstr 4; 50733 Köln,DE  
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SIGNATURE/DATE:



11th March 2021

FULL NAME OF INVENTOR.  
RESIDENCE:  
POST OFFICE ADDRESS  
CITIZENSHIP:

3. Dr. Jose Luis Nunez RICO  
43340 Motbrío del Camp,ES  
Carrer Vent 24; 43340 Motbrío del Camp;ES  
ES

SIGNATURE/DATE

\_\_\_\_\_

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4. Javier PEREZ-RAMIREZ  
8006 Zurich,CH  
Vogelsangstr 11, 8006 Zurich,CH  
ES

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\_\_\_\_\_

FULL NAME OF INVENTOR·  
RESIDENCE·  
POST OFFICE ADDRESS  
CITIZENSHIP:

5. Dr Begona PUERTOLAS LACAMBRA  
8051 Zurich;CH  
Uberlandstraße 357, 8051 Zurich,CH  
ES

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FULL NAME OF INVENTOR  
RESIDENCE·  
POST OFFICE ADDRESS  
CITIZENSHIP

6 Dr Amol P AMRUTE  
227 34 Lund;SE  
Vildandsvagen 10H; 227 34 Lund,SE  
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FULL NAME OF INVENTOR:  
RESIDENCE:  
POST OFFICE ADDRESS:  
CITIZENSHIP:

1. Dr. Stefan WERSHOFEN  
41065 Mönchengladbach;DE  
Rippbahn 11; 41065 Mönchengladbach;DE  
DE

SIGNATURE/DATE:

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FULL NAME OF INVENTOR:  
RESIDENCE:  
POST OFFICE ADDRESS:  
CITIZENSHIP:

2. Dr. Anton VIDAL-FERRAN  
50733 Köln;DE  
Nettelbeckstr.4; 50733 Köln;DE  
ES

SIGNATURE/DATE:

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FULL NAME OF INVENTOR:  
RESIDENCE:  
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CITIZENSHIP:

3. Dr. Jose Luis Nunez RICO  
43340 Motbrío del Camp;ES  
Carrer Vent 24; 43340 Motbrío del Camp;ES  
ES

SIGNATURE/DATE:

 19/02/2021  
\_\_\_\_\_

FULL NAME OF INVENTOR:  
RESIDENCE:  
POST OFFICE ADDRESS:  
CITIZENSHIP:

4. Javier PEREZ-RAMIREZ  
8006 Zürich;CH  
Vogelsangstr. 11; 8006 Zürich;CH  
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FULL NAME OF INVENTOR:  
RESIDENCE:  
POST OFFICE ADDRESS:  
CITIZENSHIP:

5. Dr. Begona PUERTOLAS LACAMBRA  
8051 Zürich;CH  
Überlandstraße 357; 8051 Zürich;CH  
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FULL NAME OF INVENTOR:  
RESIDENCE:  
POST OFFICE ADDRESS:  
CITIZENSHIP:

6. Dr. Amol P. AMRUTE  
227 34 Lund;SE  
Vildandsvägen 10H; 227 34 Lund;SE  
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RESIDENCE: 41065 Mönchengladbach;DE  
POST OFFICE ADDRESS: Rippbahn 11; 41065 Mönchengladbach;DE  
CITIZENSHIP: DE

SIGNATURE/DATE: \_\_\_\_\_

FULL NAME OF INVENTOR: 2. Dr. Anton VIDAL-FERRAN  
RESIDENCE: 50733 Köln;DE  
POST OFFICE ADDRESS: Nettelbeckstr.4; 50733 Köln;DE  
CITIZENSHIP: ES

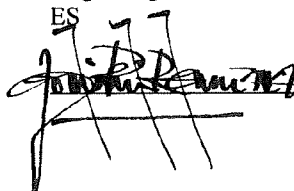
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FULL NAME OF INVENTOR: 3. Dr. Jose Luis Nunez RICO  
RESIDENCE: 43340 Motbrio del Camp;ES  
POST OFFICE ADDRESS: Carrer Vent 24; 43340 Motbrio del Camp;ES  
CITIZENSHIP: ES

SIGNATURE/DATE: \_\_\_\_\_

FULL NAME OF INVENTOR: 4. Javier PEREZ-RAMIREZ  
RESIDENCE: 8006 Zürich;CH  
POST OFFICE ADDRESS: Vogelsangstr. 11; 8006 Zürich;CH  
CITIZENSHIP: ES

SIGNATURE/DATE: \_\_\_\_\_

 19.2.2021

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**Authorization To Permit Access To Application by Participating Office**

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

Internal Reference: 2017P30184WOUS

**PATENT**  
**REEL: 055747 FRAME: 0238**

intellectual property office in which a foreign application claiming priority to the above-identified 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 above-identified 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 above-identified patent application, and 3) any U.S. 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

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RESIDENCE:  
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Rippbahn 11; 41065 Monchengladbach;DE  
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Vildandsvägen 10H, 227 34 Lund; SE  
IN

SIGNATURE/DATE:

\_\_\_\_\_

**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, Covestro Intellectual Property GmbH & Co KG of Kaiser-Wilhelm-Allee 60, 51373, Leverkusen, (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 herein. 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 facie 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  United States Application U.S. or PCT International Application  
Number PCT/EP2019/057541 filed on March 26, 2019 (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 Heterogeneous Catalysts for the Synthesis of Carbamates

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 or 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 or 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

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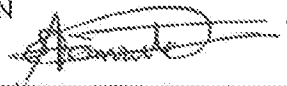
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