506047111 05/06/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6093825

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DIRK ACHTEN	01/28/2020
THOMAS BUESGEN	01/30/2020
NICOLAS DEGIORGIO	01/28/2020
JONAS KUENZEL	02/03/2020
TING LIU	01/28/2020
MAXIMILIAN WOLF	01/28/2020

RECEIVING PARTY DATA

Name:	COVESTRO DEUTSCHLAND AG
Street Address:	KAISER-WILHELM-ALLEE 60
City:	LEVERKUSEN
State/Country:	GERMANY
Postal Code:	51373

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16761925

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: 412-413-3860

Email: US-IPR@covestro.com

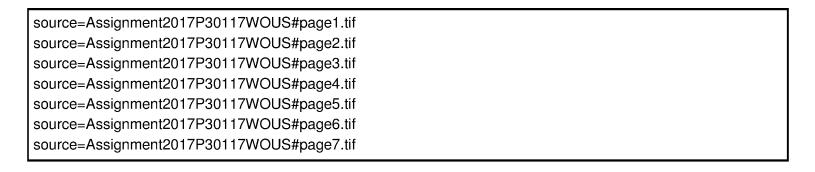
Correspondent Name: COVESTRO LLC

Address Line 1: 1 COVESTRO CIRCLE

Address Line 4: PITTSBURGH, PENNSYLVANIA 15205

ATTORNEY DOCKET NUMBER:	2017P30117WOUS
NAME OF SUBMITTER:	JED C. BENSON
SIGNATURE:	/Jed C. Benson/
DATE SIGNED:	05/06/2020

Total Attachments: 7



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 Deutschland AG 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 know 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 belo	w name	ed invento	or, I hereby declare that this assignment with declaration is directed to.
	The atta	ched	\boxtimes	United States Application or PCT International Application
apı	olication,	OR		Number PCT/EP2018/082428 filed on November 23, 2018 (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. Curved structures in 3D printing

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.

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.

Internal Reference: 2017P30117WOUS

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 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.

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP:	1. Dr. Dirk ACHTEN 51375 Leverkusen;DE Salamanderweg 43; 51375 Leverkusen;DE DE
SIGNATURE/DATE:	0. Alle 28/2020
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE:	2. Dr. Thomas BUESGEN 51377 Leverkusen;DE Am Mühlenbach 66; 51377 Leverkusen;DE DE
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP:	3. Nicolas DEGIORGIO 47807 Krefeld;DE Oberbruchstr. 190; 47807 Krefeld;DE DE
SIGNATURE/DATE:	
·	

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS:

Jonas KUENZEL
 51381 Leverkusen; DE
 Leineweberstr. 24: 51381 Leverkusen; DE

Internal Reference: 2017P30117WOUS

CITIZENSHIP:	DE
SIGNATURE/DATE:	
FULL NAME OF INVENTOR: RESIDENCE:	5. Ting LIU 50668 Köln;DE
POST OFFICE ADDRESS: CITIZENSHIP:	Machabäerstr. 62; 50668 Köln;DE CN
	Civ
SIGNATURE/DATE:	

FULL NAME OF INVENTOR:

RESIDENCE:

POST OFFICE ADDRESS:

CITIZENSHIP:

SIGNATURE/DATE:

6. Maximilian WOLF 50823 Köln;DE

Thebäerstraße 96; 50823 Köln;DE

36

30.01.2020

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 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.

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE:	1. Dr. Dirk ACHTEN 51375 Leverkusen;DE Salamanderweg 43; 51375 Leverkusen;DE DE
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE:	2. Dr. Thomas BUESGEN 51377 Leverkusen;DE Am Muhlenbach 66; 51377 Leverkusen;DE DE
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE:	3. Nicolas DEGIORGIO 47807 Krefeld;DE Oberbruchstr. 190; 47807 Krefeld;DE DE

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: 4. Jonas KUENZEL 51381 Leverkusen;DE

Leineweberstr. 24; 51381 Leverkusen;DE

Internal Reference 2017P30117WOUS

CITIZENSHIP: SIGNATURE/DATE:	DE 03.02.2020
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE:	5. Ting LIU 50668 Köln;DE Machabäerstr. 62; 50668 Köln;DE CN
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP:	6. Maximilian WOLF 50823 Köln;DE Thebäerstraße 96; 50823 Köln;DE DE
SIGNATURE/DATE:	

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 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.

FULL NAME OF INVENTOR:

RESIDENCE:

POST OFFICE ADDRESS:

CITIZENSHIP:

1. Dr. Dirk ACHTEN 51375 Leverkusen;DE

Salamanderweg 43; 51375 Leverkusen; DE

DE

SIGNATURE/DATE:

FULL NAME OF INVENTOR:

RESIDENCE:

POST OFFICE ADDRESS:

CITIZENSHIP:

SIGNATURE/DATE:

2. Dr. Thomas BUESGEN 51377 Leverkusen; DE

Am Mühlenbach 66; 51377 Leverkusen; DE

28.01.2020

z ... (8.012020

DE

FULL NAME OF INVENTOR:

RESIDENCE:

POST OFFICE ADDRESS:

CITIZENSHIP:

3. Nicolas DEGIORGIO

47807 Krefeld; DE

Oberbruchstr, 190; 47807 Krefeld; DE

DE

SIGNATURE/DATE:

FULL NAME OF INVENTOR:

Internal Reference: 2017P30117WOUS

RESIDENCE:

POST OFFICE ADDRESS:

4. Jonas KUENZEL 51381 Leverkusen;DE

Leineweberstr. 24; 51381 Leverkusen;DE

CITIZENSHIP:	DE
SIGNATURE/DATE:	

FULL NAME OF INVENTOR:

RESIDENCE:

POST OFFICE ADDRESS:

CITIZENSHIP:

SIGNATURE/DATE:

5. Ting LIU 50668 Köln;DE

Machabäerstr. 62; 50668 Köln;DE

CN

23 CM. 28/01/2020

FULL NAME OF INVENTOR:

RESIDENCE:

POST OFFICE ADDRESS:

CITIZENSHIP:

SIGNATURE/DATE:

6. Maximilian WOLF 50823 Köln;DE

Thebäerstraße 96; 50823 Köln;DE

DE

28.04.2020

Internal Reference: 2017P30117WOUS RECORDED: 05/06/2020