PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6631736

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTIAN HAHN	03/07/2021
HANS DETLEF-ARNTZ	03/26/2021
STEPHAN SCHUBERT	03/11/2021
ERNST FELSKE	02/22/2021
CLAUDIA HOUBEN	03/12/2021
FRANK BEHRENDT	03/03/2021

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:	16768735

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: 412-413-3820

US-IPR@covestro.com Email:

COVESTRO LLC Correspondent Name:

Address Line 1: 1 COVESTRO CIRCLE

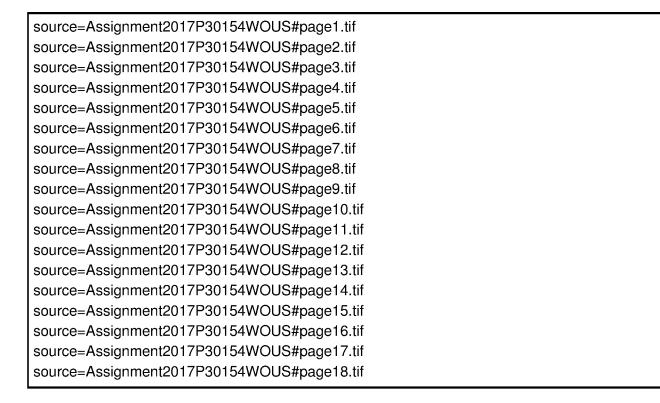
Address Line 4: PITTSBURGH, PENNSYLVANIA 15205

ATTORNEY DOCKET NUMBER:	2017P30154WOUS
NAME OF SUBMITTER:	DONALD R. PALLADINO
SIGNATURE:	/Donald R. Palladino/
DATE SIGNED:	03/31/2021

Total Attachments: 18

PATENT REEL: 055778 FRAME: 0055

506584954



ASSIGNMENT

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

Whereas, Covestio 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 assignoi(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

DE

	the do so by the assignee, its successors, legal representatives, or assigns—1/1 full right to convey the interest assigned by this assignment, and that I/We have no granted herein—I/We further acknowledge an obligation of assignment of this invitable. The further acknowledge an obligation of assignment of this invitable.	ot granted any rights inconsistent with the rights			
	(Legalization not required for recording but is prima facie evidence of execution is	ınder 35 U S C §261)			
CL	CLARATION				
	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 10 Number filed on June 01, 2020 (C	5/768,735 or PCT International Application Confirmation No <u>1014</u>)			
	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 which a patent is sought on the invention titled METHOD FOR CONTAINING ISOCYANURATE GROUPS	or(s) of the subject matter which is claimed and for R PRODUCING ISOCYANATE MIXTURES			
	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 pate continuation-in-part applications, material information which became as and the national or PCT international filing date of the continuation-in-p	vailable between the filing date of the piioi application			
	I hereby declare that all statements made herein of my own knowledge and belief are believed to be true, and further that these statements were statements and the like so made are punishable by fine or imprisonment States Code, and that such willful false statements may jeopardize the virial states.	made with the knowledge that willful false, or both, under Section 1001 of Title 18 of the United			
	POST-AIA				
	The above identified application was made or was authorized to be mad	e by me			
	I believe I am the original inventor or an original joint inventor of a clar	med invention in the application.			
	I hereby acknowledge that any willful false statement made in this assign 18 USC 1001 by fine or imprisonment of not more than five (5) years, or				

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(e) and (h) This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or other

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(e), 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 Christian HAHN 51375 Leverkusen;DE Volklinger Str 16, 51375 Leverkusen;DE DE 2021/03/0
FULL NAME OF INVENTOR RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE:	2. Dr. Hans-Detlef ARNTZ 51491 Overath;DE Auenbogen 1; 51491 Overath;DE DE
FULL NAME OF INVENTOR· RESIDENCE· POST OFFICE ADDRESS. CITIZENSHIP. SIGNATURE/DATE.	3 Di. Stephan SCHUBERT 51375 Leverkusen;DE Von-Diergardt-Str 29; 51375 Leverkusen;DE DE
FULL NAME OF INVENTOR: RESIDENCE [,] POST OFFICE ADDRESS; CITIZENSHIP: SIGNATURE/DATE [,]	4 Einst FELSKE 41464 Neuss;DE Roonsti. 13; 41464 Neuss;DE DE

7

RESIDENCE POST OFFICE ADDRESS CITIZENSHIP	5. Di. Claudia HOUBEN 52525 Heinsberg,DE Talstr 99, 52525 Heinsberg;DE DE	
SIGNATURE/DATE [,]		
FULL NAME OF INVENTOR RESIDENCE· POST OFFICE ADDRESS: CITIZENSHIP·	6. Frank BEHRENDT 40764 Langenfeld;DE Rheindorfersti. 259 b, 40764 Langenfeld,DE DE	
SIGNATURE/DATE·		

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 Frademark 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

DECL

	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) ARATION				
٨					
	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. 16/768,735 or PC Γ International Application Number filed on June 01, 2020 (Confirmation No. 1014)				
	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 METHOD FOR PRODUCING ISOCYANATE MIXTURES CONTAINING ISOCYANURATE GROUPS				
	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 PC1 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				

Authorization To Permit Access To Application by Participating Office

Internal Reference 2017P30154WOUS

18 USC 1001 by fine or imprisonment of not more than five (5) years, or both

☐ 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

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. Christian HAHN 51375 Leverkusen;DE Völklinger Str. 16; 51375 Leverkusen;DE DE	
SIGNATURE/DATE:		
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE:	2. Dr. Hans-Detlef ARNTZ 51491 Overath;DE Auenbogen 1; 51491 Overath;DE DE 2021/03/6/	
FULL NAME OF INVENTOR: RESIDENCE; POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE:	3. Dr. Stephan SCHUBERT \$1375 Leverkusen;DE Von-Diergardt-Str. 29; 51375 Leverkusen;DE DE	
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CTITZENSHIP: SIGNATURE/DATE:	4. Ernst FELSKE 41464 Neuss;DE Roonstr. 13; 41464 Neuss;DE DE	

Internal Reference: 2017P30154WOUS

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP:	5. Dr. Claudia HOUBEN 52525 Heinsberg;DE Talstr. 99; 52525 Heinsberg;DE DE	
SIGNATURE/DATE:		
FULL NAME OF INVENTOR- RESIDENCE:	6. Frank BEHRENDT 40764 Langenfeld;DE	
POST OFFICE ADDRESS: CUTIZENSHIP: SIGNATURE/DATE:	Rheindorferstr. 259 b; 40764 Langenfeld;DE DE	

Internal Reference 2017P30154WOUS

ASSIGNMENT

Whereas, I/We, the undersigned inventor(s) heremafter 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, resisted, 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 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	\boxtimes	United States Application U.S. 16/768,735 or PCT International Application Number filed on <u>June 01, 2020</u> (Confirmation No <u>1014</u>).

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 METHOD FOR PRODUCING ISOCYANATE MIXTURES CONTAINING ISOCYANURATE GROUPS

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.

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

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 Di Christian HAHN 51375 Leverkusen,DE Volklinger Str. 16, 51375 Leverkusen;DE DE
FULL NAME OF INVENTOR: RESIDENCE. POST OFFICE ADDRESS. CITIZENSHIP SIGNATURE/DATE:	2 Di. Hans-Detlef ARNTZ 51491 Overath,DE Auenbogen 1, 51491 Overath;DE DE
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP. SIGNATURE/DATE	3 Dr Stephan SCHUBERT 51375 Leverkusen, DE Von-Diergardt-Str. 29; 51375 Leverkusen, DE DE 2021/03/11
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS CITIZENSHIP SIGNATURE/DATE:	4 Ernst FELSKE 41464 Neuss,DE Roonstr 13, 41464 Neuss,DE DE

FULL NAME OF INVENTOR- RESIDENCE- POST OFFICE ADDRESS CITIZENSHIP- SIGNATURE/DATE-	5. Dr. Claudia HOUBEN 52525 Heinsberg,DE Talsti 99, 52525 Heinsberg;DE DE		
FULL NAME OF INVENTOR RESIDENCE POST OFFICE ADDRESS CITIZENSHIP	 Frank BEHRENDT 40764 Langenfeld,DE Rheindorferstr 259 b, 40764 Langenfeld,DE DE 		
SIGNATURE/DATE			

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

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

DECLA

(
RATI	ON
As a b	below named inventor, I hereby declare that this assignment with declaration is directed to
	The attached application, OR United States Application U.S. 16/768,735 or PCT International Application Number filed on June 01, 2020 (Confirmation No. 1014).
	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. ME THOD FOR PRODUCING ISOCYANATE MIXTURES CONTAINING ISOCYANURATE GROUPS
	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.

Authorization To Permit Access To Application by Participating Office

18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

☐ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korcan Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foleign 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

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under

I believe I am the original inventor or an original joint inventor of a claimed invention in 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. Christian HAHN 51375 Leverkusen;DE Völklinger Str. 16; 51375 Leverkusen;DE DE
SIGNATURE/DATE:	
FULL NAME OF INVENTOR: RESIDENCE POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE:	2. Dr. Hans-Detlef ARNTZ 51491 Overath;DE Auenbogen 1; 51491 Overath;DE DE
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE:	3. Dr. Stephan SCHUBERT 51375 Leverkusen;DE Von-Diergardt-Str. 29; 51375 Leverkusen;DE DE
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE [.]	4. Ernst FELSKE 41464 Neuss;DE Roonsti. 13; 41464 Neuss;DE DE Evnst Jelsh- 2011-02-22

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP:	5. Dr. Claudia HOUBEN 52525 Heinsberg;DE Talstr. 99; 52525 Heinsberg;DE DE
SIGNATURE/DATE:	
FULL NAME OF INVENTOR: RESIDENCE:	6. Frank BEHRENDT 40764 Langenfeld;DE
POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE:	Rheindorferstr. 259 b; 40764 Langenfeld;DE DE

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, (assignce), 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	,	•		nat this assignment with declaration is directed to.
L	The attached application,	OR	M	United States Application U.S. 16/768,735 or PCT International Application Number filed on <u>June 01, 2020</u> (Confirmation No. <u>1014</u>).
	PRE-AIA			
	My residence, mailing ac	ldress,	and c	atizenship are as stated below next to my name.
	I believe the inventor(s) which a patent is sought CONTAINING ISOCYA	on the	inven	

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

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.

and the national or PCT international filing date of the continuation-in-part application.

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

amended by any amendment specifically referred to above.

☐ 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

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 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:	1 Dr. Christian HAHN 51375 Leverkusen;DE Volklinger Str. 16; 51375 Leverkusen;DE DE
SIGNATURE/DATE:	
FULL NAME OF INVENTOR · RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE:	2 Dr. Hans-Detlef ARNTZ 51491 Overath;DE Auenbogen 1; 51491 Overath,DE DE
FULL NAME OF INVENTOR: RESIDENCE. POST OFFICE ADDRESS: CITIZENSHIP: SIGNATURE/DATE:	3. Dı Stephan SCHUBERT 51375 Leverkusen;DE Von-Diergardt-Sti. 29; 51375 Leverkusen;DE DE
FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS: CITIZENSHIP	4. Einst FELSKE 41464 Neuss;DE Roonstr 13, 41464 Neuss;DE DE
SIGNATURE/DATE:	

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

SIGNATURE/DATE

FULL NAME OF INVENTOR:

CITIZENSHIP:

RESIDENCE.

SIGNATURE/DATE:

POST OFFICE ADDRESS¹

5. Dr. Claudia HOUBEN 52525 Heinsberg;DE Talstr. 99; 52525 Heinsberg;DE

Claudia Houl 12.03,2021

6 Frank BEHRENDT 40764 Langenfeld;DE Rheindorferstr. 259 b, 40764 Langenfeld;DE DE

ASSIGNMENT

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

Whereas, Covestio Deutschland AG of Kaisei-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)

As a below named inventor. Thereby declare that this assumment with declaration is directed to

DECLARATION

ris a t	As a below hamed inventor, I hereby declare that this assignment with declaration is directed to				
	The attached application,	OR	\boxtimes	United States Application U S 16/768,735 or PCT International Application	
				Number filed on June 01, 2020 (Confirmation No 1014)	

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 METHOD FOR PRODUCING ISOCYANATE MIXTURES CONTAINING ISOCYANURATE GROUPS

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 piror 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

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

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 Christian HAHN 51375 Leverkusen,DE Volklinger Str 16, 51375 Leverkusen,DE DE
FULL NAME OF INVENTOR RESIDENCE POST OFFICE ADDRESS CITIZENSHIP	2 Di Hans-Detlef ARNTZ 51491 Overath,DE Auenbogen 1, 51491 Overath,DE DE
SIGNATURE/DATE FULL NAME OF INVENTOR RESIDENCE POST OFFICE ADDRESS	3 Dı Stephan SCHUBERT 51375 Leverkusen, DE
CITIZENSHIP SIGNATURE/DATE FULL NAME OF INVENTOR	Von-Dieigardt-Str 29, 51375 Leveikusen, DE DE 4 Einst FELSKE
RESIDENCE POST OFFICE ADDRESS CITIZENSHIP SIGNATURE/DATE	41464 Neuss,DE Roonsti 13, 41464 Neuss,DE DE

FULL NAME OF INVENTOR: RESIDENCE: POST OFFICE ADDRESS:

CITIZENSHIP:

SIGNATURE/DATE:

5, Dr. Claudia HOUBEN 52525 Heinsberg;DE Talstr. 99; 52525 Heinsberg;DE DE

FULL NAME OF INVENTOR:

RESIDENCE.

POST OFFICE ADDRESS:

CITIZENSHIP:

SIGNATURE/DATE:

6. Frank BEHRENDT 40764 Langenfeld,DE

Rheindorferstr. 259 b; 40764 Langenfeld; DE

DE

Internal Reference: 2017P30154WOUS

PATENT
RECORDED: 03/31/2021 REEL: 055778 FRAME: 0074