# 504973834 06/22/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5020580

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
MOHAMMAD AL-HAJ ALI	05/30/2018
VASILEIOS KANELLOPOULOS	06/05/2018
APOSTOLOS KRALLIS	05/30/2018
KLAUS NYFORS	06/05/2018
PABLO IVAN AGUAYO ARELLANO	06/05/2018
GUNTER WEICKERT	05/30/2018
ERIC-JAN PRINSEN	05/30/2018

# **RECEIVING PARTY DATA**

Name:	BOREALIS AG
Street Address:	WAGRAMER STRASSE 17-19
City:	VIENNA
State/Country:	AUSTRIA
Postal Code:	1220

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16065597

# **CORRESPONDENCE DATA**

Fax Number:(703)848-2981Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent<br/>using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Phone:703-584-3270Email:cwilky@rmsc2.comCorrespondent Name:ROBERTS MLOTKOWSKI SAFRAN COLE & CALDERON, P.C.Address Line 1:7918 JONES BRANCH DRIVE

Address Line 1:7918 JONES BRANCH DRIVEAddress Line 2:SUITE 500Address Line 4:MCLEAN, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	400056-20061
NAME OF SUBMITTER:	MICHAEL J. MLOTKOWSKI
SIGNATURE:	/Michael J. Mlotkowski/
DATE SIGNED:	06/22/2018

504973834

# **Total Attachments: 9**

source=2018-06-22\_400056-20061\_DEC\_ASN#page1.tif source=2018-06-22\_400056-20061\_DEC\_ASN#page2.tif source=2018-06-22\_400056-20061\_DEC\_ASN#page3.tif source=2018-06-22\_400056-20061\_DEC\_ASN#page4.tif source=2018-06-22\_400056-20061\_DEC\_ASN#page5.tif source=2018-06-22\_400056-20061\_DEC\_ASN#page6.tif source=2018-06-22\_400056-20061\_DEC\_ASN#page7.tif source=2018-06-22\_400056-20061\_DEC\_ASN#page8.tif source=2018-06-22\_400056-20061\_DEC\_ASN#page8.tif

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### ASSIGNMENT-DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Docket No.400056-20061 Title of A METHOD FOR WITHDRAWING AGGLOMERATES FROM Invention A FLUIDIZED BED REACTOR DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: The attached application, or U. S. application or PCT international application number PCT/EP2016/081280 filed on December 15, 2016. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understand the contents of the application, including the claims. I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both. ASSIGNMENT WHEREAS, the undersigned inventor(s) hereinafter referred to as the ASSIGNOR(S), has/have invented a certain improvement relating to the above identified invention. AND WHEREAS, BOREALIS AG a corporation organized and existing under the laws of Austria, whose post-office address is Wagramer Strasse 17-19, 1220 Vienna, Austria, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof. NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR(S) hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States and elsewhere throughout the world including any and all divisions and continuations thereof, and

thereunder, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said Page 1 of 3

any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement

#### Docket No.400056-20061

invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR(S) might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR(S) hereby agree to execute all papers necessary to file applications in the United States and elsewhere throughout the world for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNOR(S) authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

(1) LEGAL NAME OF INVENTOR	
Inventor: Mohammad AL-HAJ ALI	Date 00 . 20/ §
Signature: <u>M. Al-hij Al-</u>	
(2) LEGAL NAME OF INVENTOR	
Inventor: Vasileios KANELLOPOULOS	Date
Signature:	
(3) LEGAL NAME OF INVENTOR	
Inventor: Apostolos KRALLIS	<sub>Date</sub> _ <u>30, S_2018</u>
Signature:	
(4) LEGAL NAME OF INVENTOR	
Inventor: Klaus NYFORS	Date 20/8
Signature:	

Page 2 of 3

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3.

		Docket No.400056-20061
(5) LEGAL NAME OF INVENTOR		
Inventor: Pablo Ivan AGUAYO ARELLANO	Date	
Signature:		
(6) LEGAL NAME OF INVENTOR		
Invenior: Gunter WEICKERT	Date	
Signature:		
(7) LEGAL NAME OF INVENTOR		
Inventor: Eric-Jan PRINSEN	Date	
Signature:		
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# ASSIGNMENT-DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

	Docket No. <b>400056-20061</b>	
Title of Invention	A METHOD FOR WITHDRAWING AGGLOMERATES FROM A FLUIDIZED BED REACTOR	
	DECLARATION	
As a holow pomod inv	entor, I hereby declare that:	
	Entor, thereby declare that	
This declaration is directed to:		
The attached ap	oplication, or	
U. S. application filed on Decem	or PCT international application number PCT/EP2016/081280 ber 15, 2016.	
The above-identified a	oplication was made or authorized to be made by me.	
t believe that I am the o	original inventor or an original joint inventor of a claimed invention in the application.	
I have reviewed and ur	nderstand the contents of the application, including the claims.	
I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.		
ASSIGNMENT		
	he undersigned inventor(s) hereinafter referred to as the ASSIGNOR(S), has/have invented relating to the above identified invention.	
AND WHEREAS, <b>BOREALIS AG</b> a corporation organized and existing under the laws of Austria, whose post-office address is <b>Wagramer Strasse 17-19, 1220 Vienna, Austria</b> , hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.		
acknowledged, said A representatives, the e United States and else any and all Letters Pa	WITNESSETH that for good and valuable consideration, the receipt whereof is hereby SSIGNOR(S) hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal ntire and exclusive right, title and interest in and to said invention and application, for the awhere throughout the world including any and all divisions and continuations thereof, and atent which may be granted therefor and all rights to sue for past and future infringement GNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said	

Page 1 of 3

#### Docket No.400056-20061

invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR(S) might or could have held and enjoyed the same, if this assignment had not been made.

AND seld ASSIGNOR(S) hereby agree to execute all papers necessary to file applications in the United States and elsewhere throughout the world for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNOR(S) authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

		••••••
(1) LEGAL NAME OF INVENTOR		
Inventor: Mohammad AL-HAJ ALI	Date	
Signature:		
(2) LEGAL NAME OF INVENTOR	~ <u>~ 000</u>	
Inventor: Vasilelos KANELLOPOULOS	Date 05.06.908	
Signature:		
(3) LEGAL NAME OF INVENTOR		
Inventor: Apostolos KRALLIS	Date	
Signature:		
(4) LEGAL NAME OF INVENTOR		
Inventor: Klaus NYFORS	Date	
Signature:		

Page 2 of 3

	Docket No.400056-2006
(5) LEGAL NAME OF INVENTOR	
Inventor: Pablo Ivan AGUAYO ARELLANO	Date 05.06.2018
Signature:	
(6) LEGAL NAME OF INVENTOR	
Inventor: Gunter WEICKERT	Date
Signature:	
(7) LEGAL NAME OF INVENTOR	
Inventor: Eric-Jan PRINSEN	Date
Signature:	

Page 3 of 3

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# ASSIGNMENT-DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

	Dockei No 400056-20061	
Title of Invention	A METHOD FOR WITHDRAWING AGGLOMERATES FROM A FLUIDIZED BED REACTOR	
	DECLARATION	
As a below named inve	ntor, I hereby declare that:	
This declaration is directed to:		
The attached app	lication, or	
U. S. application filed on Decemb	or PCT international application number PCT/EP2016/081280 er 15, 2016.	
The above-identified app	slication was made or authorized to be made by me.	
I believe that I am the or	iginal inventor or an original joint inventor of a claimed invention in the application.	
I have reviewed and unc	lerstand the contents of the application, including the claims.	
I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56.		
Thereby acknowledge that any wiliful false statement made in this declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.		
ASSIGNMENT		
WHEREAS, th a certain improvement t	e undersigned inventor(s) hereinafter referred to as the ASSIGNOR(S), has/have invented elating to the above identified invention.	
AND WHEREAS, <b>BOREALIS AG</b> a corporation organized and existing under the laws of Austria, whose post-office address is <b>Wagramer Strasse 17-19, 1220 Vienna, Austria</b> , hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.		
acknowledged, said AS representatives, the en United States and else	VITNESSETH that for good and valuable consideration, the receipt whereof is hereby SIGNOR(S) hereby assign, sell and transfer to sold ASSIGNEE, its assigns and legal tire and exclusive right, title and interest in and to sold invention and application, for the where throughout the world including any and all divisions and continuations thereof, and ent which may be granted therefor and all rights to sue for past and future infringoment	

Page 1 of 3

PATENT REEL: 046181 FRAME: 0449

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#### Docket No.400056-20061

thereunder, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pentaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR(S) might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR(S) hereby agree to execute all papers necessary to file applications in the United States and elsewhere throughout the world for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNOR(S) authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

(1) LEGAL NAME OF INVENTOR Inventor: Mohammad AL-HAJ ALI	Date
Signature:	
(2) LEGAL NAME OF INVENTOR Inventor: Vasileios KANELLOPOULOS	Date
Signature:	
(3) LEGAL NAME OF INVENTOR Inventor: Apostolos KRALLIS	Date
Signature:	
(4) LEGAL NAME OF INVENTOR Inventor: Klaus NYFORS	Date
Signature:	



PATENT REEL: 046181 FRÅME: 0450

	Docket No.400056-20061
(5) LEGAL NAME OF INVENTOR	
Invenior: Pablo Ivan AGUAYO ARELLANO	Date
Signature:	
(6) LEGAL NAME OF INVENTOR	»
Inventor: Gunter WEICKERT	Date 30-05-2018
Signature:	
(7) LEGAL NAME OF INVENTOR	ă.
Inventor: Eric-Jan PRINSEN	Date <u>50-05-2018</u>
Signature:	

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Page 3 of 3

**RECORDED: 06/22/2018**