# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5739871

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
INGRID ERNST	09/12/2019
CHRISTIAN PRIEBE	09/16/2019
MICHAEL RICHTERS	09/12/2019

## **RECEIVING PARTY DATA**

Name:	ASK CHEMICALS GMBH
Street Address:	REISHOLZSTRASSE 16-18
City:	HILDEN
State/Country:	GERMANY
Postal Code:	40721

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16498075

## **CORRESPONDENCE DATA**

**Fax Number:** (614)792-5536

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:** 6147925555

Email: standleydocketing@standleyllp.com

Correspondent Name: STANDLEY LAW GROUP LLP

Address Line 1: 6300 RIVERSIDE DRIVE
Address Line 4: DUBLIN, OHIO 43017

ATTORNEY DOCKET NUMBER:	MUL2544-037
NAME OF SUBMITTER:	STEPHEN L. GRANT
SIGNATURE:	/Stephen L. Grant,RegNo33390/
DATE SIGNED:	09/26/2019

## **Total Attachments: 6**

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PATENT 505693061 REEL: 050503 FRAME: 0631

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<b>?</b>	ASSIGNMENT AND DECLARATION (37 CFR 1.63) FOR UTILITY OR PPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)
Title of Invention	MOULD MATERIAL MIXTURE CONTAINING ADDITIVES FOR REDUCING CASTING DEFECTS
	DECLARATION
As the below na	med inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	X International application number PCT/DE2018/100290, filed on March 28, 2018.
The above-iden	tified application was made or authorized to be made by me.
I believe that I a	m the original inventor or an original joint inventor of a claimed invention in the application.
	riedge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both.
	ASSIGNMENT
acknowledged, I iaws of Germany as the Assignee forth in the about title and interest, all applications for reissues thereof, counterparts and	U.S. dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby hereby sell, assign and transfer to ASK Chemicals GmbH, a corporation organized under the vand having an office at Reisholzstrasse 16-18, Hilden, Germany 40721, (hereinafter referred to my entire right, title and interest, together with all rights of priority, in and to the invention set e-identified application. I further hereby sell, assign and transfer to the Assignee my entire right, together with all rights of priority, in and to my invention as described and/or claimed in any and or patents based on the invention, including divisionals, continuations, renewals, substitutes and and all rights of priority resulting from any of these patent applications, as well as all foreign extensions thereof, together with all patents issuing on any of these applications for the full expatents which may be granted on the invention.
	ssignee to make applications for, to prosecute such applications, and to receive patents for the Inited States and any foreign countries, in the Assignee's name.
any patents which consideration, but	pree that I will execute or procure any further necessary assurance of title to the invention and the may issue on the invention. I will, at any time, upon the request and without further at at the expense of the Assignee, deliver any testimony in any legal proceedings and execute all to the invention, or any

patents which may be granted therefor, to the Assignee, its successors, assigns, or other legal representatives. I will, at any time, upon the request and at the expense of the Assignee, execute any continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any patents issuing thereon are hereby assigned to the Assignee. I will make all rightful oaths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of the

Assignee, its successors, assigns or other legal representatives.

Standley Law Group LLP Attorney Docket No. MUL2544-037 Page 2 of 2

I authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the invention, resulting from any of the aforesaid applications to the Assignee.
LEGAL NAME OF INVENTOR
Inventor: Ingrit ERNST Date: 12.05.2018
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, mus accompany this form or must have been previously filed. Use an additional form for each additional inventor.
Advice from Standley Law Group LLP: It is advisable to obtain two witness signatures to the above inventor signature in the places indicated below, OR in the alternative, it is advisable to obtain a notarization of the above inventor signature in the notary section set forth below. With or without the witness signatures or the notarization, this assignment is a legally binding agreement to assign the invention to the assignee.
Optional (but advisable) witness signatures:
Witness One Printed Full Legal Name: 1200 Cun avie Hansen Signature: 1209.2019
Witness Two Printed Full Legal Name: 4.5 (2.5 7/5) Signature: 2 23 23
Or, optional (but advisable) notarization:
STATE OF : COUNTY OF : SS.
Before me personally appeared Henning DUPAN, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Sworn to before me and subscribed in my presence this day of,
(seal)Notary Public

	ASSIGNMENT AND DECLARATION (37 CFR 1.63) FOR UTILITY OR PPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)
Title of Invention	MOULD MATERIAL MIXTURE CONTAINING ADDITIVES FOR REDUCING CASTING DEFECTS
	DECLARATION
As the below na	med inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	International application number PCT/DE2018/100290, filed on March 28, 2018.
The above-iden	tified application was made or authorized to be made by me.
I believe that I a	m the original inventor or an original joint inventor of a claimed invention in the application.
	viedge that any willful false statement made in this declaration is punishable under 18 U.S.C. imprisonment of not more than five (5) years, or both.
	ASSIGNMENT
acknowledged, I laws of Germany as the Assignee forth in the abovittle and interest, all applications for reissues thereof, counterparts and	U.S. dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby hereby sell, assign and transfer to ASK Chemicals GmbH, a corporation organized under the y and having an office at Reisholzstrasse 16-18, Hilden, Germany 40721, (hereinafter referred to my entire right, title and interest, together with all rights of priority, in and to the invention set e-identified application. I further hereby sell, assign and transfer to the Assignee my entire right, together with all rights of priority, in and to my invention as described and/or claimed in any and or patents based on the invention, including divisionals, continuations, renewals, substitutes and and all rights of priority resulting from any of these patent applications, as well as all foreign dextensions thereof, together with all patents issuing on any of these applications for the full apparents which may be granted on the invention.
	ssignee to make applications for, to prosecute such applications, and to receive patents for the Jnited States and any foreign countries, in the Assignee's name.
any patents whic consideration, bu papers and do a patents which m	gree that I will execute or procure any further necessary assurance of title to the invention and the may issue on the invention. I will, at any time, upon the request and without further ut at the expense of the Assignee, deliver any testimony in any legal proceedings and execute all other things that may be necessary or desirable to perfect the title to the invention, or any ay be granted therefor, to the Assignee, its successors, assigns, or other legal representatives. I upon the request and at the expense of the Assignee, execute any continuations, divisionals,

reissues, or any other additional applications for patents for the invention or any part or parts thereof and any patents issuing thereon are hereby assigned to the Assignee. I will make all rightful oaths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of the

Assignee, its successors, assigns or other legal representatives.

I authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the invention, resulting from any of the aforesaid applications to the Assignee.
LEGAL NAME OF INVENTOR
Inventor: Christian PRIEBE, Signature: 09/76/19
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, mus accompany this form or must have been previously filed. Use an additional form for each additional inventor.
Advice from Standley Law Group LLP: It is advisable to obtain two witness signatures to the above inventor signature in the places indicated below, OR in the alternative, it is advisable to obtain a notarization of the above inventor signature in the notary section set forth below. With or without the witness signatures or the notarization, this assignment is a legally binding agreement to assign the invention to the assignee.
Optional (but advisable) witness signatures:
Witness One Printed Full Legal Name: THOMAS KR5Y Signature: 199/16/19
Witness Two Printed Full Legal Name: Cidenare Conser Signature: Conser Date: CO/16/15
Or, optional (but advisable) notarization:
STATE OF : COUNTY OF : SS.
Before me personally appeared Henning DUPAN, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Sworn to before me and subscribed in my presence this day of
(seal) Notary Public

COMBINED ASSIGNMENT AND DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)	
Title of Invention	MOULD MATERIAL MIXTURE CONTAINING ADDITIVES FOR REDUCING CASTING DEFECTS
	DECLARATION
As the below na	med inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	X International application number PCT/DE2018/100290, filed on March 28, 2018.
The above-identified application was made or authorized to be made by me.	
I believe that I ar	n 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 declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	

#### **ASSIGNMENT**

For at least one U.S. dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer to ASK Chemicals GmbH, a corporation organized under the laws of Germany and having an office at Reisholzstrasse 16-18, Hilden, Germany 40721, (hereinafter referred to as the Assignee) my entire right, title and interest, together with all rights of priority, in and to the invention set forth in the above-identified application. I further hereby sell, assign and transfer to the Assignee my entire right, title and interest, together with all rights of priority, in and to my invention as described and/or claimed in any and all applications for patents based on the invention, including divisionals, continuations, renewals, substitutes and reissues thereof, and all rights of priority resulting from any of these patent applications, as well as all foreign counterparts and extensions thereof, together with all patents issuing on any of these applications for the full terms of all of the patents which may be granted on the invention.

I authorize the Assignee to make applications for, to prosecute such applications, and to receive patents for the invention in the United States and any foreign countries, in the Assignee's name.

I promise and agree that I will execute or procure any further necessary assurance of title to the invention and any patents which may issue on the invention. I will, at any time, upon the request and without further consideration, but at the expense of the Assignee, deliver any testimony in any legal proceedings and execute all papers and do all other things that may be necessary or desirable to perfect the title to the invention, or any patents which may be granted therefor, to the Assignee, its successors, assigns, or other legal representatives. I will, at any time, upon the request and at the expense of the Assignee, execute any continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any patents issuing thereon are hereby assigned to the Assignee. I will make all rightful oaths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of the Assignee, its successors, assigns or other legal representatives.

Standley Law Group LLP Attorney Docket No. MUL2544-037 Page 2 of 2

I authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the invention, resulting from any of the aforesaid applications to the Assignee.
LEGAL NAME OF INVENTOR
Inventor: Michael RICHTERS Signature:
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional form for each additional inventor.
Advice from Standley Law Group LLP: It is advisable to obtain two witness signatures to the above inventor signature in the places indicated below, OR in the alternative, it is advisable to obtain a notarization of the above inventor signature in the notary section set forth below. With or without the witness signatures or the notarization, this assignment is a legally binding agreement to assign the invention to the assignee.
Optional (but advisable) witness signatures:
Witness One Printed Full Legal Name: Heidewavie Hanston Signature: 120515
Witness Two Printed Full Legal Name) (1986) ERNST Signature: Date:
Or, optional (but advisable) notarization:
STATE OF : COUNTY OF : SS.
Before me personally appeared Henning DUPAN, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Sworn to before me and subscribed in my presence this day of,
(seal) Notary Public

PATENT REEL: 050503 FRAME: 0638

**RECORDED: 09/26/2019**