PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4353310

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| WIBKE LOELSBERG | 03/20/2017 |
| MARC FRICKE | 03/20/2017 |
| DIRK WEINRICH | 03/20/2017 |

RECEIVING PARTY DATA

| Name: | BASF POLYURETHANES GMBH | |
|-----------------|-------------------------|--|
| Street Address: | ELASTOGRANSTRASSE 60 | |
| City: | LEMFOERDE | |
| State/Country: | GERMANY | |
| Postal Code: | 49448 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15128299 |

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000 Email: skim@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

| ATTORNEY DOCKET NUMBER: | 476513US |
|-------------------------|--|
| NAME OF SUBMITTER: | HANA KIM |
| SIGNATURE: | /HANA KIM/ |
| DATE SIGNED: | 04/05/2017 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 3

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> **PATENT REEL: 041853 FRAME: 0110** 504306629

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

| Title of Invention | | |
|--|--|--|
| As the below named inventor, I hereby declare that: | | |
| This declaration [] The attached application, or | | |
| is directed to: [x] PCT international application number PCT/EP2015/056247 filed on 24 Mar 2015 | | |
| 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. | | |
| WHEREAS, BASF Polyurethanes GmbH Elastogranstraße 60 49448 Lemförde Germany | | |
| (hereinafter referred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries; | | |
| NOW, THEREFORE, for good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, I, by these presents do assign and transfer unto said ASSIGNEE(S), the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof. | | |
| I further declare that I either have the obligation to assign or have already assigned the full and exclusive rights in and to any inventions made during my employment to said ASSIGNEE based on my employment contract with said ASSIGNEE, and/or that said ASSIGNEE has obtained full and exclusive rights in and to any such inventions based on applicable national law, and that by this Assignment such transfer of right, title and interest in such inventions to said ASSIGNEE is herewith confirmed or restated. | | |
| I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE(S) as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE(S), its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made. | | |
| Further, I agree that I will communicate to said ASSIGNEE(S) or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE(S), its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries. | | |
| 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. | | |
| LEGAL NAME OF INVENTOR Inventor: Wibke Loelsberg Date: 20.3 / 7 | | |
| Signature: Liste La Strey | | |

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PATENT REEL: 041853 FRAME: 0111

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

| Title of Invention | | |
|---|---|--|
| As the below n | amed inventor, I hereby declare that: | |
| This declaratio | n [] The attached application, or | |
| is directed to: | [x] PCT international application number PCT/EF 24 Mar 2015 | P2015/056247 filed on |
| 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. | | |
| WHEREAS, BASF Polyurethanes GmbH Elastogranstraße 60 49448 Lemförde Germany | | |
| (hereinafter referred to as "ASSIGNEE(S)") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries; | | |
| acknowledged, the said invent to claim priorit Arrangements Patent which m | REFORE, for good and valuable consideration the I, by these presents do assign and transfer unto sailion in the United States and its territorial possessions by under the terms of the International Convention from the aforesaid application) and the entire right, hay be granted therefor in the United States and its ten and to any and all divisions, reissues, continuations | id ASSIGNEE(S), the full and exclusive right to and in all foreign countries (including the right and other relevant International Treaties and title and interest in and to any and all Letters erritorial possessions and in any and all foreign |
| I further declare that I either have the obligation to assign or have already assigned the full and exclusive rights in and to any inventions made during my employment to said ASSIGNEE based on my employment contract with said ASSIGNEE, and/or that said ASSIGNEE has obtained full and exclusive rights in and to any such inventions based on applicable national law, and that by this Assignment such transfer of right, title and interest in such inventions to said ASSIGNEE is herewith confirmed or restated. | | |
| any and all for the assignee of ASSIGNEE(S), | thorize and request the Patent Office Officials in the Leign countries to issue any and all of said Letters Proof my entire right, title and interest in and to the its (his) successors and assigns, to the full end of ity and entirely as the same would have been held be | atent, when granted, to said ASSIGNEE(S) as same, for the sole use and behoof of said the term for which said Letters Patent may be |
| respecting said continuation, si and all of said everything pos | pree that I will communicate to said ASSIGNEE(S) or dinvention, and testify in any legal proceeding, substitute, renewal and reissue applications, execute at Letters Patent to be issued to said ASSIGNEE(S) sible to aid said ASSIGNEE(S), its (his) successor aid invention in the United States and its territorial post | sign all lawful papers, execute all divisional, all necessary assignment papers to cause any s), make all rightful oaths, and, generally do s and assigns, to obtain and enforce proper |
| 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. | | |
| LEGAL NAME Inventor: Marc | | Date: <u>27. 3.17</u> |
| officernic. | 1 1444 | **** |

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1. 76) AND ASSIGNMENT

| MAN . C. A | | |
|---|---|---|
| Title of Invention | | |
| As the below r | amed inventor, I hereby declare that: | |
| This declaration | n [] The attached application, or | |
| is directed to: | [x] PCT international application nur 24 Mar 2015 | nber PCT/EP2015/056247 filed on |
| The above-identified application was made or authorized to be made by me. I believe that I am the original invento or an original joint inventor of a claimed invention in the application. | | |
| WHEREAS, BASF Polyurethanes GmbH Elastogranstraße 60 49448 Lemförde Germany | | |
| is desirous of | ferred to as "ASSIGNEE(S)") acquiring the entire right, title and interes ranted therefore in the United States a | t in and to said invention and in and to any Letters Patent and its territorial possessions and in any and all foreign |
| acknowledged, the said invent to claim priorit Arrangements Patent which m | by these presents do assign and trans on in the United States and its territorial y under the terms of the International from the aforesaid application) and the lay be granted therefor in the United Stat | ideration the receipt and sufficiency of which is hereby after unto said ASSIGNEE(S), the full and exclusive right to possessions and in all foreign countries (including the right Convention and other relevant International Treaties and entire right, title and interest in and to any and all Letters es and its territorial possessions and in any and all foreign ontinuations, substitutions and renewals thereof. |
| and to any inve said ASSIGNE based on applic | ntions made during my employment to se E, and/or that said ASSIGNEE has obtain | or have already assigned the full and exclusive rights in aid ASSIGNEE based on my employment contract with ed full and exclusive rights in and to any such inventions iment such transfer of right, title and interest in such astated. |
| any and all for the assignee of ASSIGNEE(S), | eign countries to issue any and all of sai of my entire right, title and interest in its (his) successors and assigns, to the | cials in the United States and its territorial possessions and d Letters Patent, when granted, to said ASSIGNEE(S) as and to the same, for the sole use and behoof of said full end of the term for which said Letters Patent may be been held by me had this Assignment and sale not been |
| respecting said continuation, su and all of said everything posi- protection for said | invention, and testify in any legal probability, renewal and reissue application Letters Patent to be issued to said A sible to aid said ASSIGNEE(S), its (his aid invention in the United States and its to | SNEE(S) or its (his) representatives any facts known to me oceeding, sign all lawful papers, execute all divisional, s, execute all necessary assignment papers to cause any SSIGNEE(S), make all rightful oaths, and, generally do) successors and assigns, to obtain and enforce proper erritorial possessions and in any and all foreign countries. |
| 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. | | |
| LEGAL NAME (Inventor: Dirk W | | Date: 203.10 |
| Signature: | Q | |

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PATENT REEL: 041853 FRAME: 0113

RECORDED: 04/05/2017