PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4853313

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

CONVEYING PARTY DATA

| Name | Execution Date | |
|--|----------------|--|
| BAS VAN LAARHOVEN | 03/06/2017 | |
| CHRISTIAAN JOHANNES CORNELIS STOELWINDER | 04/24/2017 | |
| MARK HELMSING | 06/29/2017 | |

RECEIVING PARTY DATA

| Name: | DSM IP ASSETS B.V. |
|-----------------|--------------------|
| Street Address: | HET OVERLOON 1 |
| City: | HEERLEN |
| State/Country: | NETHERLANDS |
| Postal Code: | 6411 TE |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15329270 |

CORRESPONDENCE DATA

Fax Number: (703)816-4100

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: 7038164000

Email: PTOMail@nixonvan.com

Correspondent Name: BRYAN H. DAVIDSON

Address Line 1: NIXON & VANDERHYE P.C.

Address Line 2: 901 NORTH GLEBE ROAD, 11TH FLOOR

Address Line 4: ARLINGTON, VIRGINIA 22203

| ATTORNEY DOCKET NUMBER: | BHD-4662-3351 |
|-------------------------|--|
| NAME OF SUBMITTER: | BRYAN H. DAVIDSON |
| SIGNATURE: | /Bryan H. Davidson/ |
| DATE SIGNED: | 03/06/2018 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 3

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PATENT 504806581 REEL: 045121 FRAME: 0986

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PATENT REEL: 045121 FRAME: 0987 Doc code: Oath

Document Description: Oath or declaration filed

Attorney Docket Number BHD-4662-3351 First Named Inventor VAN LAARHOVEN, Bas INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) **USING AN APPLICATION DATA SHEET (37 CFR 1.76)** Declaration Submitted With Initial Filing OR Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) PROCESS FOR PREPARING A POLYAMIDE, A NYLON SALT TO BE USED THEREIN AND A PROCESS FOR MAKING THE SALT (Title of the Invention) As a below named inventor. I hereby declare that: This declaration is directed to: the attached application, or ☑ United States Application Number <u>15/329,270</u> filed <u>January 26, 2017</u>, or PCT International application number filed on The above-identified application was made or 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 declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above. WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), an entity, having an office and place of business at Het Overloon 1, Heerlen, Netherlands 6411 TE, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention; ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by

Date:

ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and

(E.g., Given Name (first and middle (if any)) and Family Name or Surname)

AGREED and executed as noted below:
LEGAL NAME OF INVENTOR/JOINT INVENTOR:

Inventor's Signature:

Doc code: Oath

Document Description: Oath or declaration filed

Attorney Docket Number BHD-4662-3351

First Named Inventor VAN LAARHOVEN, Bas

| 1 |
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| INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76) |
| Declaration Submitted With Initial Filing OR |
| Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) |
| PROCESS FOR PREPARING A POLYAMIDE, A NYLON SALT TO BE USED THEREIN AND A PROCESS FOR MAKING THE SALT |
| (Title of the Invention) |
| As a below named inventor, I hereby declare that: |
| This declaration is directed to: |
| the attached application, or |
| ☐ United States Application Number 15/329,270 filed <u>January 26, 2017</u> , or ☐ PCT International application number filed on |
| Constitution and appropriate to the constitution of the constituti |
| The above-identified application was made or 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 declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. |
| WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above. |
| WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), an entity, having an office and place of business at Het Overloon 1, Heerlen, Netherlands 6411 TE, is desirous of acquiring an interest therein; |
| NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and a resulting patents, together with the right of priority under the international Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention; |
| ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; |
| ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and |
| ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. |
| AGREED and executed as noted below: |
| LEGAL NAME OF INVENTOR/JOINT INVENTOR: (E.g., Given Name (first and middle (if any)) and Family Name or Surname) |
| Christigary / Johannes Cornells STOELWINDER |
| Inventor's Signature: Date: 24, -4, -72,-7 |
| |

REEL: 045121 FRAME: 0989

Doc code: Oath

Document Description: Oath or declaration filed

Attorney Docket Number BHD-4662-3351

First Named Inventor VAN LAARHOVEN, Bas

| | First Name | ed Inventor | VAN LAA | RHOVEN, Bas | | | | |
|---|---|---------------------|---------|---|--|--|--|--|
| INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76) | | | | | | | | |
| Declaration Submitted With Initial Filing OR | | | | | | | | |
| □ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.) | Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) | | | | | | | |
| PROCESS FOR PREPARING A POLYAMIDE, A NYLON SALT TO BE USED THEREIN AND A PROCESS FOR MAKING THE SALT | | | | | | | | |
| (Title of the Invention) | | | | | | | | |
| As a below named inventor, I hereby declare that: | | | | | | | | |
| This declaration is directed to: ☐ the attached application, or ☐ United States Application Number 15/329,270 filed January 26, 2017, or ☐ PCT International application number filed on | | | | | | | | |
| The above-identified application was made or authorized to be made by me. | | | | | | | | |
| I believe I am the original inventor or an original joint inventor of a claimed inve | ntion 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. | | | | | | | | |
| WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention | in the Appli | cation identified a | bove. | | | | | |
| WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), an entity, having an office and place of business at Het Overloon 1, Heerlen, Netherlands 6411 TE, is desirous of acquiring an interest therein; | | | | | | | | |
| NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and a resulting patents, together with the right of priority under the international Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention; | | | | | | | | |
| ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; | | | | | | | | |
| ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and | | | | | | | | |
| ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. | | | | | | | | |
| AGREED and executed as noted below: | | | | | | | | |
| Legal Name of Additional Joint Inventor, if any: | | | | | | | | |
| (E.g., Given Name (first and middle (if any)) and Family Name or Sumame) Mark | | · j | ELMSING | TO BE WANTED ON THE WAY OF CHEST FOR THE TO | | | | |
| Inventor's Signature: | na n | Date: 29 ji | mi i | 617. | | | | |

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

PATENT REEL: 045121 FRAME: 0990