504039607 10/06/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4086268

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------------|----------------|
| ALBIN PETER BERZINIS | 05/30/2014 |
| POOJA BAJAJ | 05/30/2014 |
| RACHEL ELIZABETH HALBFINGER | 05/30/2014 |
| MATIAS MIKEL | 06/02/2014 |

RECEIVING PARTY DATA

| Name: | SABIC GLOBAL TECHNOLOGIES B.V. |
|-----------------|--------------------------------|
| Street Address: | PLASTICSLAAN 1 |
| City: | BERGEN OP ZOOM |
| State/Country: | NETHERLANDS |
| Postal Code: | 4612 PX |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15302323 |

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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: 860-286-2929

Email: wgreenblatt@cantorcolburn.com

Correspondent Name: CANTOR COLBURN LLP Address Line 1: 20 CHURCH STREET

Address Line 2: 22ND FLOOR

Address Line 4: HARTFORD, CONNECTICUT 06103

| ATTORNEY DOCKET NUMBER: | 14PLAS0109-US-PCT[2] |
|-------------------------|--------------------------|
| NAME OF SUBMITTER: | DENNIS J. JAKIELA, PH.D. |
| SIGNATURE: | /Dennis J. Jakiela/ |
| DATE SIGNED: | 10/06/2016 |

Total Attachments: 4 source=7OZ6073#page1.tif source=7OZ6073#page2.tif

PATENT 504039607 REEL: 039958 FRAME: 0812

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> PATENT REEL: 039958 FRAME: 0813

As a below named inventor, I hereby declare that:

DECLARATION AND ASSIGNMENT

Title of Invention: AMPHIPHILIC BLOCK COPOLYMER; COMPOSITION, MEMBRANE, AND SEPARATION MODULE THEREOF; AND METHODS OF MAKING SAME

| This Declaration and Assignment is directed to: |
|--|
| [] the attached application (Attorney Docket Number), or [X] Patent application number 61/987,389 filed on May 01, 2014. [] which claims priority to Patent application number filed on |
| The above-identified application was made or authorized to be made by me, and I have reviewed and understand the content of the application, including the claims. |
| I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. |
| 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 Section 1.56. |
| Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the "APPLICATION"); |
| Whereas, SABIC Global Technologies B.V., a corporation of The Netherlands having a place of business at Plasticslaan 1, 4612 PX Bergen op Zoom, The Netherlands (herein referred to as "ASSIGNEE") desires to acquire or has acquired, and eac undersigned inventor acknowledges the obligation to assign to ASSIGNEE, and the parties desire to use this Declaration and Assignment to memorialize the grant to ASSIGNEE of the entire worldwide right, title, and interest in and to the INVENTION including all embodiments thereof, and in and to any and all patent applications and patents directed thereto; |
| Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to as "ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in any and all countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees on behalf of themselves, their successors and legal representatives, to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns. |
| Each undersigned inventor also hereby grants ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Declaration and Assignment any further identification of the APPLICATION (including, but not limited to, Application Number and filing date, and Attorney Docket Number), and further grants ASSIGNEE, its successors, legal representatives, and assigns the right to execute confirmatory assignments on their behalf. |
| 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. |
| Signature: Date: 5/30/2014 Name of Inventor: Albin Peter Berzinis |
| Witness Date: 3/30/19 Witness: Date: 3/30/19 |
| Printed Name: NANCY L JESTEZ Printed Name: Michael Hall |
| |

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| to t | Now, therefore, for good and valuable consideration, the receipt and sufficiency the indersigned inventor (herein referred to as "ASSIGNOR") hereby sells or has sold, ransfers or has transferred to the ASSIGNEE, its successors, legal representatives, itle, and interest in and to the INVENTION, the APPLICATION, and any and all count here. Invention which may be applied for or granted therefor in any and all count livisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions thereof, and all rights of priority resulting from the filing of such applicated didition, each undersigned inventor hereby authorizes and requests any official who tatent on said improvements or resulting therefrom to said ASSIGNEE, its success entire worldwide right, title, and interest in and to the same to be held and enjoyed be presentatives, and assigns to the full end of the terms for which any and all such puntirely as would have been held and enjoyed by the undersigned had this Assignment and perform all lawful acts reasonably related to recording this Assignment and perform all lawful acts reasonably related to recording this Assignment NVENTION, the APPLICATION, and all related patents and applications, in ASSI expresentatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives and Assignment any further identification of the APPLICATION | assigns or has assigned, and otherwise and assigns, the entire worldwide right, other patent applications and patents for ries and jurisdictions, including all extensions, counterparts, substitutes, and attions and granting of such patents. In ose duty it is to issue patents, to issue any ors, legal representatives, and assigns, the by ASSIGNEE, its successors, legal atents may be granted, as fully and ent not been made; and each undersigned to execute any and all documents and ment or perfecting title to the IGNEE, its successors, legal al representatives, and assigns. essentatives, and assigns, the right to insert and including, but not limited to |
| r | pplication Number and filing date, and Attorney Docket Number), and further grands presentatives, and assigns the right to execute confirmatory assignments on their between | nts ASSIGNEE, its successors, legal ehalf. |
| 11 | hereby acknowledge that any willful false statement made in this declaration is pur nprisonment of not more than five (5) years, or both. ignature: Date: 5 | |
| N | ame of Inventor: Pooja Bajaj | |
| W Pi | Fitness: Namy Lastel May 30, Date: 2014, Witness: : | Date: 5/30/14 |
| | 4 | |

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| 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. |
| Signature: Date: 5/30/14 Name of Inventor: Rachel Elizabeth Halbfinger |
| Witness: Nancy Lystel May 30, Date: 3014 Witness: Date: 5/3014 Printed Name: WANCY L JESTEL Printed Name: Michael Hail |
| Printed Name: WANCY / JESTEL Printed Name: Michael Hall |

14PLAS0109 (P400009)

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| Signature: Name of Inventor: Matias Bikel | Date: <u>02/00/14</u> |
|--|-----------------------|
| Witness: | Date: 06/02/2014 |
| Printed Name: Nathalie Jonzalez Violal Printed Nam | ne: MAR DIEZ |

PATENT REEL: 039958 FRAME: 0817

RECORDED: 10/06/2016