11/13/2019 505770977

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5817793

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| SEQUENCE: | 1 |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| MOHAMED ESSEGHIR | 07/20/2015 |
| CHESTER J. KMIEC | 07/20/2015 |

RECEIVING PARTY DATA

| Name: | UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC |
|-----------------|---------------------------------------------------|
| Street Address: | 2020 DOW CENTER |
| City: | MIDLAND |
| State/Country: | MICHIGAN |
| Postal Code: | 48674 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15562028 |

CORRESPONDENCE DATA

Fax Number: (989)636-3237

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: 989-636-2884

Email: FGLMFRR@dow.com

DANNY CHILDS Correspondent Name: Address Line 1: 2211 H.H. DOW WAY

Address Line 2: SSC-1338

Address Line 4: MIDLAND, MICHIGAN 48674

| ATTORNEY DOCKET NUMBER: | 77127-US-PCT |
|-------------------------|----------------|
| NAME OF SUBMITTER: | DANNY CHILDS |
| SIGNATURE: | /Danny Childs/ |
| DATE SIGNED: | 11/13/2019 |

Total Attachments: 2

source=Inventors to Union Carbide Chemicals & Plastics Technology LLC#page1.tif source=Inventors to Union Carbide Chemicals & Plastics Technology LLC#page2.tif

PATENT REEL: 050994 FRAME: 0853 505770977

This Assignce Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number. FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC

2020 Dow Center

Midland, Michigan 48674 United States of America

hereby accept the ASSIGNMENT which is dated: July 20, 2015; effective as of May 8, 2015

From, the ASSIGNOR: Mohamed Esseghir, 400 Arcola Road, Collegeville, Pennsylvania 19426, United States of America and Chester J. Kmiec, 400 Arcola Road, Collegeville, Pennsylvania 19426, United States of America

of the invention entitled:

Signed at

PROCESS FOR FOAMING POLYOLEFIN COMPOSITIONS USING AN AZODICARBONAMIDE/CITRATE MIXTURE AS A NUCLEATING AGENT

Midland, Michigan 48674, USA

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

| nis <u>26</u> day o | of August, 20 15 |
|---------------------|------------------------------------|
| | UNION CARBIDE CHEMICALS & PLASTICS |
| | 01,201, 01,222 - 01,222 |
| | TECHNQLOGY LLC |
| CORP. | |
| SEAL | 1 11 7 110 |
| SEAL | B / HARM M TOME |
| | By: / Wa-em / C = Cuc |
| | SUSĂN M. ZERULL |
| | Secretary |

NOTARIAL CERTIFICATE

| STATE OF MICHIGAN |) SS |
|---------------------------------------------|-----------------------------------------------------------|
| County/Parish of Midland |) |
| On this <u>26</u> day of <u>Augu</u> | , 20 /5, personally appeared |
| before me, SUSAN M. ZERULL, Secr | retary, |
| known or identified to me to be the individ | dual described in and who executed the foregoing document |

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said entity organized and existing under the laws of **the State of Delaware**, **United States of America**.

I further certify that said authority, dated May 5, 2015, is based on

Authorization Policy of said Limited Liability Company

UNITED STATES OF AMERICA)

which I have seen, appointing the said individual Secretary with full power to sign the foregoing document on behalf of the said entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.

NOTARY PUBLICKathy Sue Wertz

NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2018

SEAL

PATENT REEL: 050994 FRAME: 0854 This Assignment 110 is in the ENGLISH langu

FORM 110 (R 5/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: PROCESS FOR FOAMING POLYOLEFIN COMPOSITIONS USING AN AZODICARBONAMIDE/CITRATE MIXTURE AS A NUCLEATING AGENT

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Union Carbide Chemicals & Plastics Technology LLC 2020 Dow Center Midland, Michigan 48674 United States of America

an entity organized and existing under the laws of the state of **Delaware** (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

| Priority Number | Filing Date | Filing Country |
|-----------------|-------------|----------------|
| PCT/CN15/078590 | May 8, 2015 | International |

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

| At: Collegeville, PA 19426, USA this 20 day of TUM, 20 LS Effective as of May 8, 2015 Signature: Mohamed Esseghir Mailing Address: 400 Arcola Road Collegeville, Pennsylvania 19426 United States of America | At: Collegeville PA 19426, USA this day of July , 20 / 5 Effective as of May 8, 2015 Signature: Full Name: Chester J. Kiniec Mailing Address: 400 Arcola Road Collegeville, Pennsylvania 19426 United States of America |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| At: this day of, 20 Signature: Full Name: Mailing Address: | At: this day of, 20 Signature: Full Name: Mailing Address: |

PATENT REEL: 050994 FRAME: 0855