504536366 09/07/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4583073

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ZIP CODE OF ASSIGNEE SABIC GLOBAL TECHNOLOGIES B.V. FROM 4162 PX TO 4612 PX previously recorded on Reel 041025 Frame 0429. Assignor(s) hereby confirms the ZIP CODE OF ASSIGNEE SABIC GLOBAL TECHNOLOGIES B.V. IS 4612 PX.

CONVEYING PARTY DATA

Name	Execution Date
JORIS VAN WILLIGENBURG	08/08/2016

RECEIVING PARTY DATA

La.	CARIO OLORAL TECHNICI COLEO D.V.
Name:	SABIC GLOBAL TECHNOLOGIES B.V.
Street Address:	PLASTICSLAAN 1
City:	BERGEN OP ZOOM
State/Country:	NETHERLANDS
Postal Code:	4612 PX
Name:	SAUDI BASIC INDUSTRIES CORPORATION
Street Address:	P.O. BOX 5101
City:	RIYADH
State/Country:	SAUDI ARABIA
Postal Code:	11422

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15120701

CORRESPONDENCE DATA

Fax Number:

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.

Email:aoipdocket@nortonrosefulbright.comCorrespondent Name:NORTON ROSE FULBRIGHT US LLPAddress Line 1:98 SAN JACINTO BOULEVARD

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ATTORNEY DOCKET NUMBER: SABM.P0140US/11701553

NAME OF SUBMITTER: KIMBERLY BERRIOS

SIGNATURE: /Kimberly Berrios/

PATENT 504536366 REEL: 043776 FRAME: 0446

DATE SIGNED:	09/07/2017
DATE SIGNED.	09/01/2011
Total Attachments: 5	
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PATENT REEL: 043776 FRAME: 0447

504188305 01/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4234980

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JORIS VAN WILLIGENBURG	08/08/2016

RECEIVING PARTY DATA

Name:	SAUDI BASIC INDUSTRIES CORPORATION
Street Address:	P.O. BOX 5101
City:	RIYADH
State/Country:	SAUDI ARABIA
Postal Code:	11422
Name:	SABIC GLOBAL TECHNOLOGIES B.V.
Street Address:	PLASTICSLAAN 1
City:	PX BERGEN OP ZOOM
State/Country:	NETHERLANDS
Postal Code:	NL-4162

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15120701

CORRESPONDENCE DATA

Fax Number: (704)332-1197

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: 704-375-0057 **Email:** agalo@slk-law.com

Correspondent Name: SHUMAKER, LOOP & KENDRICK, LLP

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ATTORNEY DOCKET NUMBER:	60008US (3841/80US)	
AME OF SUBMITTER: JEFFREY S. BERNARD		
SIGNATURE:	/Jeffrey S. Bernard/	
DATE SIGNED: 01/20/2017		

PATENT 504188305 REEL: 04**3026** FRAME: 04**29**

Total Attachments: 3

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PATENT REEL: 043026 FRAME: 0439

ASSIGNMENT

I, Joris Van Willigenburg, a Netherlands citizen and having an address of c/o SABIC Intellectual Property Group, P.O. Box 3008, NL-6160 GA, Geleen, Netherlands in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby sell, assign and transfer 50% of ownership unto Saudi Basic Industries Corporation, a foreign corporation organized under the laws of Saudi Arabia, and having an office at P.O. Box 5101, Riyadh 11422, Saudi Arabia (JOINT ASSIGNEE), and 50% of ownership unto SABIC Global Technologies B.V., a foreign corporation organized under the laws of the Netherlands, and having an office at Plasticslaan 1, NL-4162 PX Bergen Op Zoom, the Netherlands (JOINT ASSIGNEE), the entire right, title and interest, together with Reg. No. all rights of priority, in and to my invention for certain improvements entitled "A PROCESS FOR INCREASING PROCESS FURNACES ENERGY EFFICIENCY", as described in U.S. Application No. 15/120,701 filed in the United States Patent and Trademark Office on the 22 day of August, 2016, preparatory to obtaining Letters Patent of the United States therefor and as described and/or claimed in any and all applications for Letters Patent based thereon including the formal application, divisions, continuations and reissues thereof as well as all foreign counterparts thereof together with all Letters Patent issuing on any of the aforesaid applications for Letters Patent, the same to be held and enjoyed by ASSIGNEE, its successors, assigns or other legal representatives, to the full ends of the terms of all said Letters Patent therefor which may be granted.

AND I HEREBY AUTHORIZE ASSIGNEE to make applications for and to receive Letters Patent for said invention in any foreign countries in its own name, or in my name, at its election.

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PATENT REEL: 043026 FRAME: 0450 AND I HEREBY COVENANT AND AGREE that I will execute or procure any further

necessary assurance of title to said invention and any Letters Patent which may issue therefor

and that I will, at any time, upon the request and at the expense of ASSIGNEE deliver any

testimony in any legal proceedings and execute all papers that may be necessary or desirable to

perfect the title to said invention or any Letters Patent which may be granted therefor in

ASSIGNEE, its successors, assigns, or other legal representatives, and that I will, at any time,

upon the request and at the expense of ASSIGNEE execute the formal application, continuations,

divisions, reissues, or any other additional applications for Letters Patent for said invention or

any part or parts thereof, all of which applications and any Letters Patent issuing thereon are

hereby assigned to ASSIGNEE, and will make all rightful oaths, and do all lawful acts requisite

for procuring the same therein, without further compensation, but at the expense of ASSIGNEE,

its successors, assigns or other legal representatives.

AND I HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and

Trademarks to issue any and all Letters Patent of the United States for said invention, resulting

from any of the aforesaid applications to said Saudi Basic Industries Corporation and

SABIC Global Technologies B.V., as 50%/50% JOINT ASSIGNEES.

WITNESS MY hand and seal on the day listed below:

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PATENT REEL: 043026 FRAME: 0452

0-5-2016 Date	Joris Van Willigenburg
We, JULIA DI DOMENICO PIN	™ and, the undersigne
	re personally present and did see the signatory
Joris Van Willigenburg who is personally	known to us, duly sign and execute this Assignment
<u>8-8-20(6</u> Date	Witness 1 Signature
	SULIA DI DOMENICO PINTO Witness I Printed Name
S - S - 2016 Date	Witness 2 Signature
	AW. van Zij Witness 2 Printed Name

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PATENT REEL: 043026 FRAME: 0452

RECORDED: 09/20/2017