

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI674576

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
W. R. GRACE & CO.-CONN.	02/28/2019
RECEIVING PARTY DATA	
Company Name:	BRASKEM AMERICA, INC.
Street Address:	1735 MARKET STREET
Internal Address:	28TH FLOOR
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19103
Company Name:	BRASKEM SA
Street Address:	RUA ETENO, 1561
Internal Address:	POLO PETROQUIMICO DE CAMACARI
City:	CAMACARI, BAHIA
State/Country:	BRAZIL
Postal Code:	CEP 42810-000
Company Name:	BRASKEM EUROPE GMBH
Street Address:	AN DER WELLE 3
City:	FRANKFURT AM MAIN
State/Country:	GERMANY
Postal Code:	60322
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16400294
CORRESPONDENCE DATA	
Fax Number:	2026725399
<i>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.</i>	
Phone:	(202)672-5300
Email:	IPDocketing@foley.com,lcheung@foley.com
Correspondent Name:	Foley & Lardner LLP
Address Line 1:	3000 K Street

PATENT

Address Line 2:	Suite 600
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20007

ATTORNEY DOCKET NUMBER:	118876-0223
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NAME OF SUBMITTER:	Laura Cheung
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SIGNATURE:	Laura Cheung
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DATE SIGNED:	12/05/2024
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Total Attachments: 9

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and subject to the rights granted to ASSIGNOR herein, W. R. GRACE & CO.-CONN., 7500 Grace Drive, Columbia, MD 21044, US ("ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

1. BRASKEM AMERICA, INC.

1735 Market Street
28th Floor
Philadelphia, PA 19103
US

2. BRASKEM SA

Rua Eteno, 1561
Polo Petroquimico de Camacari
Camacari, Bahia, CEP 42810-000
Brazil

3. BRASKEM EUROPE GMBH

An Der Welle 3
Frankfurt Am Main, 60322
Germany

(hereinafter referred to collectively as "ASSIGNEES") its successors and assigns, all right, title and interest for the United States, its territories and possessions, and all foreign countries in and to the assets listed in the enclosed "Schedule A," as well as in and to (a) the identified applications and all other applications for Letters Patent of the United States and countries foreign thereto for identified inventions and all improvements and modifications thereof, (b) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (c) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (d) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEES, their successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made. Notwithstanding the foregoing, ASSIGNEES have granted and hereby do grant to ASSIGNOR the non-exclusive, royalty-free, fully-paid up, and irrevocable license and right to practice under the identified assets and all other Letters Patent and applications therefore within the scope of (a), (b) and (c) above. Nothing herein shall affect the rights and obligations of the ASSIGNOR and ASSIGNEES under any other agreement between ASSIGNOR and ASSIGNEES.



ASSIGNOR HEREBY AUTHORIZES ASSIGNEES to file patent applications in any or all countries on the identified inventions in the name of the undersigned or in the name of ASSIGNEES or otherwise as ASSIGNEES may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEES as Assignees of the entire interest, for the sole use and benefit of ASSIGNEES, its successors and assigns.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.



Executed this 28th day of February, 2019.

Signature:



Name & Capacity: Charles A. Cross, Assistant Secretary

On behalf of W. R. GRACE & CO.-CONN.



ACCEPTANCE

BRASKEM AMERICA, INC., 1735 Market Street, 28th Floor, Philadelphia, PA 19103 (US) hereby accepts the assignment from the assignor(s), without any restrictions and with all rights and obligations derived therefrom and subject to the terms and conditions of this assignment.

Name of Assignees: BRASKEM AMERICA, INC.

Signature by Assignees:

Rajinder Kumar K.

Date:

03/06/2019.

Patricia L. Lusk

March 5, 2019

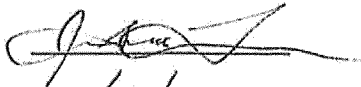


ACCEPTANCE

BRASKEM SA, Rua Eteno, 1561, Polo Petroquimico de Camacari, Camacari, Bahia CEP 42810-000 Brazil, hereby accepts the assignment from the assignor(s), without any restrictions and with all rights and obligations derived therefrom and subject to the terms and conditions of this assignment.

Name of Assignees: BRASKEM SA

Signature by Assignees:



Date:

3/5/2019

Paulo

March 5, 2019



ACCEPTANCE

BRASKEM EUROPE GMBH, An Der Welle 3, Frankfurt Am Main, 60322 Germany hereby accepts the assignment from the assignor(s), without any restrictions and with all rights and obligations derived therefrom and subject to the terms and conditions of this assignment.

Name of Assignees: BRASKEM EUROPE GMBH

Signature by Assignees:



Date: MARCH 29, 2019

Cristiane Rego
Braskem Europe GmbH
Prokurist



ALEXANDER PAULUS VAN VEEN
Managing Director
Braskem Europe GmbH



Schedule A

Title of Application/Patent				
Country	Application#	Date Filed	Patent#	Date Granted
Boron-Based Electron Donors For Ziegler-Natta Catalyst Systems				
United States of America	62/545,272	08/14/2017		
United States of America	16/102,653	08/13/2018		
PCT	PCT/US2018/046538	08/13/2018		
Internal And External Donor Compounds For Olefin Polymerization				
United States of America	12/714,686	03/01/2010	8318626	11/27/2012
Internal Electron Donor For Olefin Polymerization Catalysts, Method Of Making And Using The Same				
United States of America	13/307,215	11/30/2011	8765626	07/01/2014
United States of America	14/255,050	04/17/2014	9217047	12/22/2015
United States of America	14/944,587	11/18/2015	9567410	02/14/2017
United States of America	15/407,829	01/17/2017	10144790	12/04/2018
PCT	PCT/US2012/069220	12/12/2012		
Brazil	112014013067-1	12/12/2012		
European Patent Office	12814053.0	06/27/2014		
Belgium	12814053.0	06/27/2014		
Germany	12814053.0	06/27/2014		
Spain	12814053.0	06/27/2014		
France	12814053.0	06/27/2014		
Italy	12814053.0	06/27/2014		
Japan	545006/2014	05/30/2014		
The Republic of Korea	10-2014-7017546	06/25/2014		
The Netherlands	12/814,053	06/27/2014		
Combined Internal Donor System for Ziegler-Natta Polyolefin Catalysts and Methods of Making and Using Same				
United States of America	14/457,571	08/12/2014	9738736	08/22/2017
Internal Donor For Olefin Polymerization Catalysts				
United States of America	12/181,907	07/29/2008	8003558	08/23/2011
PCT	PCT/US2009/48579	06/25/2009		
Brazil	PI0916648.3	06/25/2009		
China	200980129816.1	06/25/2009	ZL200980129816.1	
China	201510218021.5	06/25/2009	ZL200980129816.1	
Belgium	09789941.3	06/25/2009	2323968	
Germany	09789941.3	06/25/2009	602009014493.6	



Country	Application#	Date Filed	Patent#	Date Granted
Internal Donor For Olefin Polymerization Catalysts... (continued)				
France	09789941.3	06/25/2009	2323968	
Great Britain	09789941.3	06/25/2009	2323968	
Italy	09789941.3	06/25/2009	502013902161277	
Netherlands	09789941.3	06/25/2009	2323968	
Spain	09789941.3	06/25/2009	2323968	
Japan	11521147	06/25/2009	5784491	
Korea	10-2011-7004406	06/25/2009	10-1653422	

Solid Catalyst Components For Olefin Polymerization and Methods of Making and Using The Same
United States of America 14/451,990 08/05/2014 9,663,595 05/30/2017

Catalyst Systems Olefin Polymerization Catalysts Components Comprising At Least An Internal Electron Donor Compound, and Methods of Making and Using The Same

Argentina	P160100006	01/04/2016		
Brazil	BR1120170142562	06/29/2017		
Canada	2,972,803	06/29/2017		
China	201580076986.3	08/25/2017		
European Patent Office	15876344.1	06/20/2017		
Japan	2017-534957	06/29/2017		
The Republic of Korea	10-2017-7020779	07/25/2017		
Mexico	MX/A/2017/008828	06/30/2017		
Taiwan	104144793	12/31/2015		
United States of America	62/203,821	08/11/2015		
United States of America	14/588,379	12/31/2015	9,637,575	05/02/2017
Brazil	BR1120180028320	02/09/2018		
China	201680058554.4	04/04/2018		
European Patent Office	16835914.9	02/22/2018		
Japan	2018-506828	02/09/2018		
United States of America	15/751,121	02/07/2018		
PCT	PCT/US2015/068259	12/31/2015		

Non-phthalate donor for polyolefin polymerization catalysts and uses thereof

PCT	PCT/US2016/046560	08/11/2016
Brazil	BR1120180028320	02/09/2018
China	201680058554.4	04/04/2018
European Patent Office	16835914.9	02/22/2018
Japan	2018-506828	02/09/2018
United States of America	15/751121	02/07/2018



United States of America 62/203821 08/11/2015

Non-Phthalate Donor For Polyolefin Catalysts

Canada 11/22/2018

The Republic of Korea

Mexico MX/A/2018/014356 11/22/2018

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Page 9 of 9

