

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LUIS JAVIER PAC FERRAZ	07/19/2018
IVO ANDREI OLIVEIRA LINO LIMA	06/06/2018
DIERCIO GALDINO DA SILVA NETO	06/18/2018
ALESSANDRO BERNARDI	07/03/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Braskem America, Inc.
<b>Street Address:</b>	1735 Market Street
<b>City:</b>	Philadelphia
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19103
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15024651
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	F5221-00552
<b>NAME OF SUBMITTER:</b>	RICHARD A. PAIKOFF
<b>SIGNATURE:</b>	/Richard A. Paikoff/
<b>DATE SIGNED:</b>	08/06/2018
<b>Total Attachments: 5</b>	
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## ASSIGNMENT AND AGREEMENT

For value received, we, **Luis Javier Pac Ferraz, Ivo Andrei Oliveira Lino Lima, Diercio Galdino da Silva Neto, and Alessandro Bernardi** hereby transfer to **Braskem America, Inc.**, a Delaware corporation having an address of 1735 Market Street, Philadelphia, Pennsylvania 19103, United States, and its successors, assigns and legal representatives, the entire right, title and interest, in and to certain inventions related to **PIPE SUPPORT SYSTEM**, described in U.S. Patent Application No. **15/024,651 (filed July 14, 2016)**, which claims the priority of International Patent Application No. PCT/BR2013/000367 filed September 26, 2013, and under any and all Letters Patent and any divisions, continuations, continuations-in-part, reexamination certificates, reissues, and extensions thereof, or claiming priority therefrom that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to **BRASKEM S.A.**, the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize **Braskem America, Inc.**, to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

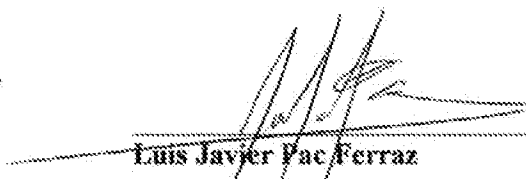
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of **Braskem America, Inc.**, to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to **Braskem America, Inc.**, in the United States and in all countries foreign to the United States or to such nominees as **Braskem America, Inc.**, may designate.

We agree that, when requested, we shall, without charge to Braskem America, Inc., but at its expense, sign all papers and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

**Inventor No. 1**

Dated: 19/07/2018

  
Luis Javier Pac Ferraz

Residence: Av. das Nações Unidas 4777, 11º andar, 05477-000, São Paulo, SP, Brazil

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**Inventor No. 2**

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Ivo Andrei Oliveira Lino Lima

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**Inventor No. 3**

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Diercio Galdino da Silva Neto

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**Inventor No. 4**

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Alessandro Bernardi

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We agree that, when requested, we shall, without charge to Braskem America, Inc., but at its expense, sign all papers and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Inventor No. 1

Dated: \_\_\_\_\_

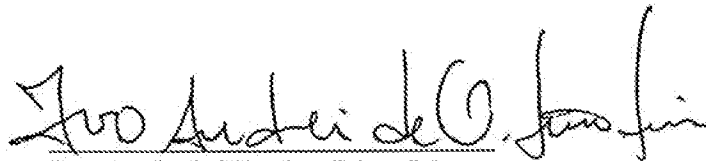
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Inventor No. 1

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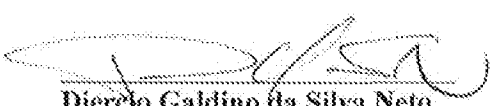
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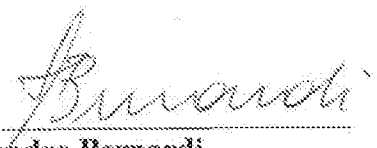
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