

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4688203

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANTONIO SANCHEZ	08/21/2017
GENNADIY ITOV	07/15/2017
COLE RITTER	08/16/2017
PENG ZHANG	08/22/2017
DAVID ORBAN	08/28/2017
RENO PESARESI	07/06/2017
MATTHEW DAMIEN STEPHENS	08/16/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AIR LIQUIDE ADVANCED MATERIALS LLC
<b>Street Address:</b>	3121 ROUTE 22 EAST
<b>Internal Address:</b>	SUITE 200
<b>City:</b>	BRANCBURG
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	08876
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15661412
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(713)624-8950
<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>	
<b>Phone:</b>	(713)624-8952
<b>Email:</b>	diana.guzman@airliquide.com
<b>Correspondent Name:</b>	AMERICAN AIR LIQUIDE, INC. IP DEPT.
<b>Address Line 1:</b>	9811 KATY FREEWAY
<b>Address Line 2:</b>	SUITE 100
<b>Address Line 4:</b>	HOUSTON, TEXAS 77024
<b>ATTORNEY DOCKET NUMBER:</b>	2015P00378 NP
<b>NAME OF SUBMITTER:</b>	PATRICIA E. MCQUEENEY
<b>SIGNATURE:</b>	/Patricia E. McQueeney #49083/

PATENT

DATE SIGNED:	11/14/2017
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**Total Attachments: 14**

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### **Assignment of Invention**

WHEREAS WE, Antonio SANCHEZ, Gennadiy ITOV, Manish KHANDELWAL, Cole RITTER, Peng ZHANG, Jean-Marc GIRARD, Zhiwen WAN, Glenn KUCHENBEISER, David ORBAN, Sean KERRIGAN, Reno PESARESI, Matthew Damien STEPHENS, Yang WANG, and Guillaume HUSSON, have invented certain new and useful improvements documented in a patent application entitled, "N-H Free and Si-Rich Perhydridopolysilazane Compositions, Their Synthesis, and Applications," for which a United States patent application was filed on December 11, 2016, having Provisional Application No. 62/432,592;

WHEREAS, Air Liquide Advanced Materials LLC, (hereinafter referred to as "ASSIGNEE") having a place of business at 3121 Route 22 East, Suite 200, Branchburg, NJ 08876, U.S.A., desires to acquire from Antonio SANCHEZ, Gennadiy ITOV, Cole RITTER, Peng ZHANG, David ORBAN, Reno PESARESI, and Matthew Damien STEPHENS the entire right, title and interest we have in and to said invention and in and to any Letters Patent that may be granted thereof in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, we, by these presents do sell, assign and transfer unto said ASSIGNEE, effective as of the first priority date, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries, including the right to claim priority of the above-mentioned patent application(s) in patent applications filed in or for any such foreign country, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all subsequent provisionals, non-provisionals, divisions, reissues, continuations, continuations-in-part, reexaminations, substitutions and renewals thereof.

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Date: 07/21/2017

  
\_\_\_\_\_  
Antonio SANCHEZ, Inventor

Date: \_\_\_\_\_

\_\_\_\_\_  
Gennadiy ITOV, Inventor

Date: \_\_\_\_\_

\_\_\_\_\_  
Cole RITTER, Inventor

Date: \_\_\_\_\_

Peng ZHANG, Inventor

Date: \_\_\_\_\_

David ORBAN, Inventor

Date: \_\_\_\_\_

Reno PESARESI, Inventor

Date: \_\_\_\_\_

Matthew Damien STEPHENS, Inventor

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Date: \_\_\_\_\_

Antonio SANCHEZ, Inventor

Date: 7/15/17

  
Gennadiy ITOV, Inventor

Date: \_\_\_\_\_

Cole RITTER, Inventor

Date: \_\_\_\_\_

Peng ZHANG, Inventor

Date: \_\_\_\_\_

David ORBAN, Inventor

Date: \_\_\_\_\_

Reno PESARESI, Inventor

Date: \_\_\_\_\_

Matthew Damien STEPHENS, Inventor

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Date: \_\_\_\_\_

\_\_\_\_\_  
Antonio SANCHEZ, Inventor

Date: \_\_\_\_\_

\_\_\_\_\_  
Gennadiy ITOV, Inventor

Date: 8/16/17

Cole Ritter  
Cole RITTER, Inventor

Date: \_\_\_\_\_

Peng ZHANG, Inventor

Date: \_\_\_\_\_

David ORBAN, Inventor

Date: \_\_\_\_\_

Reno PESARESI, Inventor

Date: \_\_\_\_\_

Matthew Damien STEPHENS, Inventor



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Antonio SANCHEZ, Inventor

Date: \_\_\_\_\_

\_\_\_\_\_  
Gennadiy ITOV, Inventor

Date: \_\_\_\_\_

\_\_\_\_\_  
Cole RITTER, Inventor

Date: 8/22/2017

  
 Peng ZHANG, Inventor

Date: \_\_\_\_\_

David ORBAN, Inventor

Date: \_\_\_\_\_

Reno PESARESI, Inventor

Date: \_\_\_\_\_

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Date: \_\_\_\_\_

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Date: \_\_\_\_\_

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**Cole RITTER, Inventor**

Date: \_\_\_\_\_

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Peng ZHANG, Inventor

Date: 8/28/2017

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David ORBAN, Inventor

Date: \_\_\_\_\_

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Reno PESARESI, Inventor

Date: \_\_\_\_\_

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Matthew Damien STEPHENS, Inventor

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Date: \_\_\_\_\_

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Date: \_\_\_\_\_

\_\_\_\_\_  
Gennadiy ITOV, Inventor

Date: \_\_\_\_\_

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Cole RITTER, Inventor

Date: \_\_\_\_\_

Peng ZHANG, Inventor

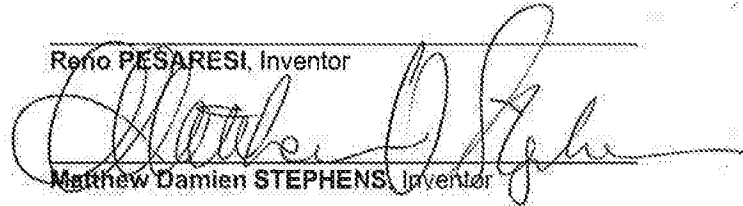
Date: \_\_\_\_\_

David ORBAN, Inventor

Date: \_\_\_\_\_

Reno PESARESI, Inventor

Date: 16 Aug 2017

  
Matthew Damien STEPHENS, Inventor