

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Andrey V. KOROLEV	05/21/2012
RECEIVING PARTY DATA	
Name:	American Air Liquide, Inc.
Street Address:	46409 Landing Parkway
City:	Fremont
State/Country:	CALIFORNIA
Postal Code:	94538
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13458579
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	American Air Liquide, Inc. IP Dept.
Address Line 1:	2700 Post Oak Blvd.
Address Line 4:	Houston, TEXAS 77056
ATTORNEY DOCKET NUMBER:	SERIE 9179
NAME OF SUBMITTER:	Patricia E. McQueeney #49083
Total Attachments: 2 source=S9179_US_2012-07-16_ASSIGNMENTS_as_filed_PEM#page5.tif source=S9179_US_2012-07-16_ASSIGNMENTS_as_filed_PEM#page6.tif	

CH \$40.00 13458579

**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies):****Andrey V. KOROLEV****May 21, 2012**Additional name(s) of conveying party(ies) attached? Yes ☒ **No****3. Nature of Conveyance:**☒ Assignment  
Security Agreement  
OtherMerger  
Change of Name**2. Name and address of receiving party(ies):**Name: **American Air Liquide, Inc.**Street Address: **46409 Landing Parkway**City: **Fremont** State: **CA** Zip: **94538**Additional name(s) & address(es) attached? Yes ☒ **No****4. Application number(s) or patent number(s):**

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s):

**13/458,579, filed April 27, 2012**

B. Patent No.(s):

Additional numbers attached? Yes ☒ **No****5. Name and address of party to whom correspondence concerning document should be mailed:**Name: **Air Liquide IP Department**Internal Address: **Suite 1800**Street Address: **2700 Post Oak Blvd.**City: **Houston** State: **TX** Zip: **77056****6. Total number of applications and patents involved:** **1****7. Total fee (37 C.F.R. § 3.41)** **\$40.00**  
Enclosed☒ Authorized to be charged to deposit account**8. Payment Information**Deposit Account Number: **01-1375**

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**9. Statement and signature:**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Patricia E. McQueeney, Reg. No. 49,083  
Name of Person Signing/Patricia E. McQueeney/  
SignatureJuly 16, 2012  
DateTotal number of pages including cover sheet, attachments and documents: **2**

**Assignment of Invention**

WHEREAS WE, **Zhiwen WAN, Ziyun WANG, Ashutosh MISRA, Jean-Marc GIRARD, and Andrey V. KOROLEV**, respectively, have invented certain new and useful improvements in "Synthesis Method for Carbosilanes" for which an application for Letters Patent was filed April 27, 2012, having Application No. 13/458,579;

WHEREAS, **American Air Liquide, Inc.** (hereinafter referred to as "ASSIGNEE") having a place of business at: 46409 Landing Parkway, Fremont, CA. 94538, U.S.A., desires to acquire from **Andrey V. KOROLEV** the entire right, title and interest I 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;

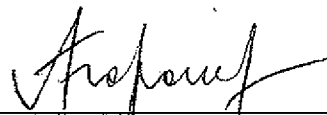
NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, effective as of the first priority date, the full and exclusive right to the said invention in the United States and its territorial possessions 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, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all non-provisional, divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: May 21, 2012

  
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Andrey V. KOROLEV, Inventor