### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
IRINA BELOV	10/15/2018
DARYL COPELAND	10/15/2018

#### **RECEIVING PARTY DATA**

Name:	PRAXAIR S.T. TECHNOLOGY, INC.
Street Address:	441 SACKETT POINT ROAD
City:	NORTH HAVEN
State/Country:	CONNECTICUT
Postal Code:	06473

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16163893

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	14588-US-NSD
NAME OF SUBMITTER:	NILAY S. DALAL
SIGNATURE:	/Nilay S. Dalal/
DATE SIGNED:	10/18/2018

#### **Total Attachments: 3**

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PATENT 505147946 REEL: 047215 FRAME: 0191

# ASSIGNMENT OF INVENTION, PRIORITY RIGHTS AND RIGHTS TO APPLY FOR PATENTS

We, the undersigned,

NAME	RESIDING AT	CITIZENSHIP
IRINA BELOV	9402 Greenthread Lane, Zionsville, IN 46077	US
DARYL COPELAND	1269 N. Matthews Road, Grenwood, IN 46143	US

believing that we are the original, first and true inventors of an invention for:

## CHROMIUM-FREE SILICATE-BASED CERAMIC COMPOSITIONS WITH REDUCED CURING TEMPERATURE

as described and/or claimed in our application for Letters Patent in the United States of America,

filed on October 18, 2018, Serial No. 16/163,893 (Attorney Docket No. 14588-US).

NOW, THEREFORE, for good and valuable consideration, the receipt of which is acknowledged and in fulfillment of our pre-existing obligations of assignment;

WE DO HEREBY ASSIGN AND TRANSFER our entire right, title, and interest in and to said invention and application unto

#### PRAXAIR S.T. TECHNOLOGY, INC.

a corporation organized and existing under the laws of the State of Delaware, United States of America, its successors and nominees, having an office at 441 Sackett Point Road, North Haven, Connecticut 06473, United States of America, as the Assignee, without any restrictions, reservations or limitations, the entire right, title and interest in and to the aforesaid application for Letters Patent and all patents which may be granted thereon, and all applications claiming priority thereof including all divisions, continuations, continuations-in-part, reissues and extension thereof;

INCLUDING ALL RIGHTS in and to said invention in any country of the world, including, but not limited to, all priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and for any and all member countries of the aforesaid International Convention;

AND FURTHER INCLUDING THE SOLE RIGHT to file such applications under the Patent Laws of any country of the world in its name and/or mine, and the sole right to have patents granted on said applications in its name and/or mine to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by me had this assignment not been made, and to enforce said patents with my right to sue in any court of competent jurisdiction and obtain all

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PATENT REEL: 047215 FRAME: 0192 remedies available, including but not limited to injunctions and to recover lost profits or compensatory and enhanced damages and attorneys fee for any and all infringements thereof;

AND I authorize insertion of the appropriate identification information above and agree that I will communicate to said PRAXAIR S.T. TECHNOLOGY, INC. or its representatives any facts known to me respecting said invention and testify in legal proceedings, sign all lawful papers, execute all divisional. continuing, continuation-in-part, extensions and reissue applications, make all rightful oaths and generally do everything possible to aid said PRAXAIR S.T. TECHNOLOGY, INC., its successors, assigns, or nominees, to obtain and enforce proper protection for said invention in all countries

SIGNED AND SEALED AT	Indian polis IN
	(city, state)
this 15 day of October	, 2018. IRINA BELOV

WITNESSED:

BE IT KNOWN, that IRINA BELOV is known to us to be the individual described in this assignment, that on this \_\_15\_ day of \_October\_\_\_, 2018, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

Second Witness Signature First Witness Signature ALbert Feuerstein

Print Name

Q 690 C. R. 950 E

Post Office Address

Browns Burg IN 46112

City, State, Zip Print Name 11775 WEST (D), Post Office Address

Zionsulle, IN 46077 City, State, Zip

SIGNED AND SEALED AT Z	oracelis, IN (city, state)
this 15 day of October	
WITNESSED:	
in this assignment, that on this	DARYL COPELAND is known to us to be the individual described day of, 2018, we were personally present and did nment and that he/she acknowledged to us that he/she executed the e uses and purposes therein set forth.
First Witness Signature	Second Witness Signature
Albert Feuers tein  Print Name 11775 WEST RD  Post Office Address 210NEVILLE, IN 46077  City, State, Zip	Print Name  96900 CR 950E  Post Office Address 6000056009 To 46012  City, State, Zip