### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HONG-XIN LI	04/27/2016
WILLIAM E. CORMIER	04/27/2016
BJORN MODEN	04/27/2016

#### **RECEIVING PARTY DATA**

Name:	PQ CORPORATION
Street Address:	PO BOX 840
City:	VALLEY FORGE
State/Country:	PENNSYLVANIA
Postal Code:	19482-0840

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

Property Type	Number		
Application Number:	12641201		

#### CORRESPONDENCE DATA

Fax Number: (202)408-4000

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.

Phone: (202) 408-4000

Email: lou.troilo@finnegan.com

**Correspondent Name:** LOUIS M. TROILO

Address Line 1: 901 NEW YORK AVENUE, NW Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	10545.0002-02000
NAME OF SUBMITTER:	LOUIS M. TROILO
SIGNATURE:	/Louis M. Troilo/
DATE SIGNED:	04/27/2016

**Total Attachments: 2** 

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> **PATENT** REEL: 038391 FRAME: 0857 503801258

#### **ASSIGNMENT**

WHEREAS I/We, the below-named inventor(s) (hereinafter referred to as Assignor(s)), of an invention entitled:

## HIGH SILICA CHABAZITE FOR SELECTIVE CATALYTIC REDUCTION, METHODS OF MAKING AND USING SAME

as disclosed and claimed in United States Application No. 12/641,201, filed December 17, 2009 (Confirmation No. 1154) and/or PCT International Application No. PCT/US2010/55138, filed November 2, 2010 and;

WHEREAS, PQ CORPORATION, a corporation of Pennsylvania whose post office address is P.O. Box 840, Valley Forge, PA 19482-0840 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for patents on this invention in all countries throughout the world, including any PCT International Application and all national stage applications based thereon that may be filed, and all patents issued upon such applications in all countries throughout the world;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, the above-referenced applications that disclose and claim this invention, any PCT International Application and all national stage applications based thereon that may be filed, any other applications for patents filed anywhere in the world that claim this invention, and all divisions, and continuations of any such application, and all patents which may be granted thereon, and all reissues thereof, and all rights to claim priority in any country on the basis of any such applications, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys empowered in the Power of Attorney in this application, to insert the filing date and application number of the above-referenced application(s) when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

County of Martymens )		Name:	Hong-Xin Li
0 0)	SS.	Address:	1048 Charter Oaks Drive
)			Lansdale, PA 19446
State of ()		Ву:	
Vennoybrania			2
0		Date:	April 27, 2016
	04		8.

Subscribed and sworn to before me this 27 day of April, 20 10, Notary Public

Page 1 of 1

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL
HEATHER A. HERSH, Notary Public
Whitemarsh Twp., Montgomery County
My Commission Expires July 12, 2017

PATENT

REEL: 038391 FRAME: 0858

# SOLE/JOINT INVENTION (Worldwide Rights)

Attorney Docket No. 10545.0002-02000

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ounty of Maymens)	Name:	William E. CORMIER	
() ) ss.	Address:	930 Masters Way	
)	_	Harleysville, PA 19438	(-)
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County of Marksamus)	Name:	Bjorn MODEN	Whitemarsh Twp., Montgomery County My Commission Expires July 12, 2017
ss.	Address:	232 S. Azalea Ct.	
State of N	D. //	Glen Mills, PA 19342	
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2000 12 AS CO.			NOTARIAL SEAL
			HEATHER A. HERSH, Notary Public
			Whitemarsh Twp., Montgomery County
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**RECORDED: 04/27/2016**