

## PATENT ASSIGNMENT COVER SHEET

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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>
CLAUS G. LUGMAIR	03/23/2015
HAILIAN LI	03/23/2015
<b>RECEIVING PARTY DATA</b>	
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<b>State/Country:</b>	KENTUCKY
<b>Postal Code:</b>	40210
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15061033
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<b>Fax Number:</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	201600055
<b>NAME OF SUBMITTER:</b>	DONNA FERRILL
<b>SIGNATURE:</b>	/Donna Ferrill/
<b>DATE SIGNED:</b>	03/04/2016
<b>Total Attachments: 2</b>	
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ASSIGNMENT OF INVENTION  
AND OF LETTERS PATENT

Whereas, we, the **Inventor** Claus G. Lugmair whose post office address is 7 Rincon Ct. Santa Cruz, CA 95060, and Hailian Li, whose post office address is 34244 Aspen Loop, Union City, CA 94587, have invented certain improvements in an "METAL OXIDE CATALYST MATERIAL AND PROCESSES FOR MAKING AND USING SAME" ("**Invention**"), and have executed a utility application for United States Letters Patent of the same title filed herewith ("**Application**"); and

Whereas, **Assignee, Clariant Corporation**, a New York corporation with a post office address of 1600 West Hill Street, Louisville, Kentucky 40210 (including its successors and assigns), desires to acquire our entire worldwide right, title and interest in said **Application** and **Invention**, and any United States and foreign patents to be obtained therefor;

Now therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign and transfer unto said **Assignee**, the entire right, title and interest in said **Application** and the **Invention** disclosed therein for the worldwide rights, including, the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended and the entire right, title, and interest in and to any and all patent applications, patents, continuations, continuations-in-part, divisionals, and reissues based thereon which may be filed or granted therefor in the United States or any foreign country. We also agree that **Assignee**, may apply for foreign Letters Patent on the **Invention**, and we agree to cooperate with **Assignee**, and to execute without additional consideration any additional documents as deemed necessary by **Assignee**, to apply for or maintain patents or other legal protection for the **Invention** in any country of the world.

We hereby authorize and request the U.S. Commissioner of Patents and Trademarks to issue any Letters Patent granted upon the invention set forth in this **Application** to said **Assignee**.

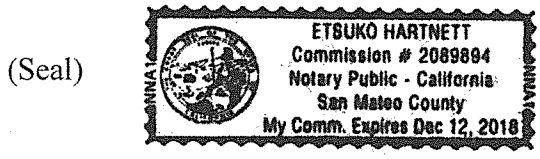
Claus G. Lugmair  
Claus G. Lugmair

Executed this 27 day of March, 2015

STATE OF California ) SS:  
COUNTY OF Santa Clara )

Before me personally appeared Claus G. Lugmair, and acknowledged the foregoing instrument to be his free act and deed this 23<sup>rd</sup> day of March, 2015

My Commission expires: 12/12/2018



Etsuko Hartnett  
Notary Public

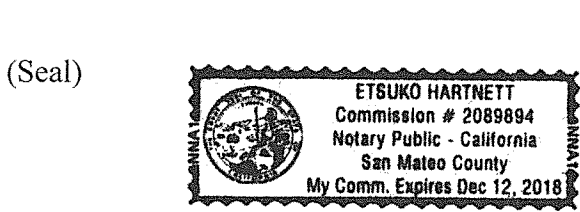
Hailian Li  
Hailian Li

Executed this 23 day of March, 2015

STATE OF California ) SS:  
COUNTY OF Santa Clara )

Before me personally appeared Hailian Li, and acknowledged the foregoing instrument to be his free act and deed this 23<sup>rd</sup> day of March, 2015

My Commission expires: 12/12/2018



Etsuko Hartnett  
Notary Public