

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Aaron B. Miller</td> <td>02/25/2013</td> </tr> <tr> <td>Malati Raghunath</td> <td>02/25/2013</td> </tr> <tr> <td>Valery Sokolovskii</td> <td>02/22/2013</td> </tr> <tr> <td>Claus G. Lugmair</td> <td>02/22/2013</td> </tr> <tr> <td>Anthony F. Volpe Jr.</td> <td>02/25/2013</td> </tr> <tr> <td>Wenqin Shen</td> <td>02/28/2013</td> </tr> <tr> <td>Wayne Turbeville</td> <td>02/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	Aaron B. Miller	02/25/2013	Malati Raghunath	02/25/2013	Valery Sokolovskii	02/22/2013	Claus G. Lugmair	02/22/2013	Anthony F. Volpe Jr.	02/25/2013	Wenqin Shen	02/28/2013	Wayne Turbeville	02/28/2013
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<table border="1"> <tr> <td>Name:</td> <td>Clariant Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1600 West Hill Street</td> </tr> <tr> <td>Internal Address:</td> <td>IP Department</td> </tr> <tr> <td>City:</td> <td>Louisville</td> </tr> <tr> <td>State/Country:</td> <td>KENTUCKY</td> </tr> <tr> <td>Postal Code:</td> <td>40210</td> </tr> </table>		Name:	Clariant Corporation	Street Address:	1600 West Hill Street	Internal Address:	IP Department	City:	Louisville	State/Country:	KENTUCKY	Postal Code:	40210				
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CORRESPONDENCE DATA																	
Fax Number:	5026347724																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	502 634 7200																
Email:	dan.beaty@clariant.com																
Correspondent Name:	Clariant Corporation																
Address Line 1:	1600 West Hill Street																
Address Line 2:	IP Department																
Address Line 4:	Louisville, KENTUCKY 40210																

OP \$40.00 13781829

ATTORNEY DOCKET NUMBER:	201300191
NAME OF SUBMITTER:	Daniel Beaty
Total Attachments: 3 source=signedassignment#page1.tif source=signedassignment#page2.tif source=signedassignment#page3.tif	

ASSIGNMENT OF INVENTION
AND OF LETTERS PATENT

Whereas, we, the **Inventor** Aaron B. Miller whose post office address is 2536 Promontory Circle, San Ramon, CA 94583, and Malati Raghunath, whose post office address is 3393 Kenneth Drive, Palo Alto CA 9430, and Valery Sokolovskii, whose post office address is 1845 Palm View Place, #111, Santa Clara, CA 95050, and Claus G. Lugmair, whose post office address is 977 Walglen Ct., San Jose, CA 95136, and Anthony F. Volpe, Jr., whose post office address is 2582 Tartan Drive, Santa Clara, CA 95051, and Wenqin Shen, whose post office address is 4525 Lincoln Road, Louisville, KY, 40220, and Wayne Turbeville, whose post office address is 6230 Perrin Drive, Crestwood, KY 40014, have invented certain improvements in an CATALYST FOR POLYOL HYDROGENOLYSIS ("**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 who has a post office of 1600 West Hill Street, Louisville, Kentucky 40210 (including its successors and assigns), desires to acquire our entire 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 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**.

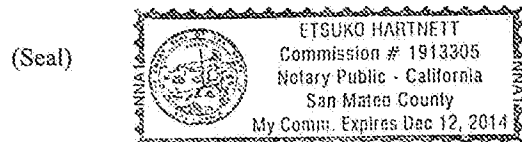
Aaron B. Miller
Aaron B. Miller

Executed this 25 day of February, 2013

STATE OF California) SS:
COUNTY OF Santa Clara)

Before me personally appeared Aaron B. Miller, and acknowledged the foregoing instrument to be his free act and deed this 25th day of February, 2013

My Commission expires: 12/12/2014



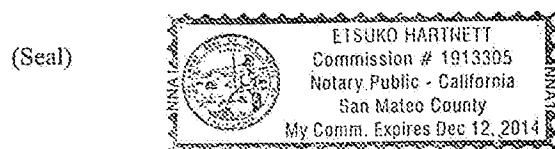
Malati Raghunath
Notary Public
Malati Raghunath

Executed this 25th day of Feb., 2013

STATE OF California) SS:
COUNTY OF Santa Clara)

Before me personally appeared Malati Raghunath, and acknowledged the foregoing instrument to be his free act and deed this 25th day of February, 2013

My Commission expires: 12/12/2014



Valery Sokolovskii
Notary Public
Valery Sokolovskii

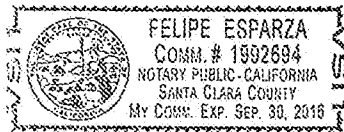
Executed this 22 day of February, 2013

STATE OF California) SS:
COUNTY OF Santa Clara)

Before me personally appeared Valery Sokolovskii and acknowledged the foregoing instrument to be his free act and deed this 22 day of February, 2013

My Commission expires: 09/30/2016

(Seal)



Claus G. Lugmair
Notary Public
Claus G. Lugmair

Executed this 22 day of February, 2013

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 22 day of February, 2013

My Commission expires: 09/30/2016

(Seal)



[Signature]
Notary Public
Anthony N. Volpe, Jr.
Anthony N. Volpe, Jr.

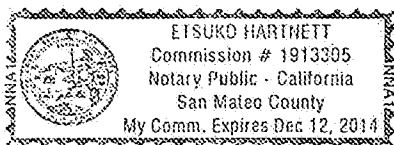
Executed this 25 day of February, 2013

STATE OF California) SS:
COUNTY OF Santa Clara)

Before me personally appeared Anthony F. Volpe, Jr., and acknowledged the foregoing instrument to be his free act and deed this 25 day of February, 2013

My Commission expires: 12/12/2014

(Seal)



[Signature]
Notary Public
Wenqin Shen
Wenqin Shen

Executed this 28 day of February, 2013

STATE OF KENTUCKY) SS:
COUNTY OF JEFFERSON)

Before me personally appeared Wenqin Shen, and acknowledged the foregoing instrument to be his free act and deed this 28 day of February, 2013

My Commission expires: March 25, 2013

(Seal)

[Signature]
Notary Public
Wayne Turbeville
Wayne Turbeville

Executed this 28 day of Feb, 2013

STATE OF KENTUCKY) SS:
COUNTY OF JEFFERSON)

Before me personally appeared Wayne Turbeville, and acknowledged the foregoing instrument to be his free act and deed this 28 day of February, 2013

My Commission expires: March 25, 2013

(Seal)

[Signature]
Notary Public