

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>Deepak S. Thakur</td> <td>01/26/2012</td> </tr> <tr> <td>William J. Carrick</td> <td>01/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Deepak S. Thakur	01/26/2012	William J. Carrick	01/21/2012
Name	Execution Date						
Deepak S. Thakur	01/26/2012						
William J. Carrick	01/21/2012						
RECEIVING PARTY DATA							
Name:	BASF Corporation						
Street Address:	100 Campus Drive						
City:	Florham Park						
State/Country:	NEW JERSEY						
Postal Code:	07932						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13301917</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13301917		
Property Type	Number						
Application Number:	13301917						
CORRESPONDENCE DATA							
Fax Number:	(973)245-6703						
Phone:	973-245-7195						
Email:	USPTONotices@basf.com						
<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:	BASF CORPORATION						
Address Line 1:	100 CAMPUS DRIVE						
Address Line 4:	FLORHAM PARK, NEW JERSEY 07932						
ATTORNEY DOCKET NUMBER:	PF70605						
NAME OF SUBMITTER:	Raymond F. Keller						
Total Attachments: 3 source=PF70605_ASSIGNMENT_001#page1.tif source=PF70605_ASSIGNMENT_001#page2.tif source=PF70605_ASSIGNMENT_001#page3.tif							

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PATENT

ASSIGNMENT

WHEREAS, Deepak S. Thakur, being a citizen of the United States, residing at 7070 Longview Drive, Solon, OH 44139; and William J. Carrick, being a citizen of the United States, residing at 11500 Boxwood Circle, Chardon, and OH 44024-8461; are the inventors of an invention in

**COPPER CHROMITE HYDROGENATION CATALYSTS FOR PRODUCTION OF
FATTY ALCOHOLS**

for which we have executed an application for Letters Patent of the United States on November 22, 2011, having the serial number of 13/301,917; and

WHEREAS, BASF Corporation, having a place of business at 100 Campus Drive, Florham Park, New Jersey 07932, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me/us in hand paid, and other good and valuable consideration the receipt of which is hereby acknowledged, I/WE, the said inventor(s) have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over unto said **BASF Corporation**, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the invention, the said improvements, and the said application, all applications derived therefrom and all continuing prosecution and RCE applications, conversions, divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications including PCT applications for Letters Patent or Inventor's Certificates which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent or Inventor's Certificates which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said **BASF Corporation**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

WE HEREBY authorize the above-mentioned assignee, **BASF Corporation**, to insert/have inserted into this instrument the serial number and filing date of said patent application.

WE HEREBY covenant that We have full right to convey the entire interest herein assigned, and that WE have not executed and will not execute any agreement in conflict herewith.

AND I/WE HEREBY further covenant and agree that I/We will communicate to said **BASF Corporation**, its successors, legal representatives and assigns, any facts known to me/us respecting said invention and said improvements, and testify in any legal proceeding, sign all lawful papers, execute all continuing prosecution, divisional, continuing, reexamination and reissue applications, make all rightful oaths, and generally do everything possible to aid said **BASF Corporation**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said inventions and improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date: 26 JAN 2012

Deepak S. Thakur
Deepak S. Thakur

State of Ohio)
 ss.:
County of)

On this 20th day of January, 2012, before me, a Notary Public in and for the State and County aforesaid, personally appeared, Deepak S. Thakur, to me known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Andrea L. Vien
Notary Public



ANDREA L. VIEN
Notary Public, State of Ohio
My Commission Expires
May 17, 2015

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date: 01/21/2012
MM/DD/YYYY

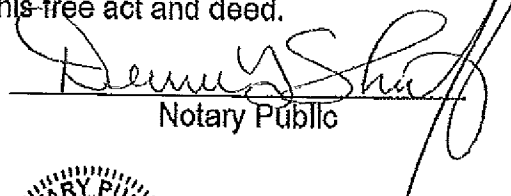

William J. Carrick

State of Ohio OHIO)

ss.:

County of GEAUGA)

On this 21 day of JANUARY, 2012, before me, a Notary Public in and for the State and County aforesaid, personally appeared, William J. Carrick, to me known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.


Notary Public



DENISE L. SHIEFF
Notary Public, State of Ohio
My Commission Expires 02/22/2016
Recorded in Geauga County