

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| | |
|---|--------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| R. Samuel Boorse | 11/04/2009 |
| RECEIVING PARTY DATA | |
| Name: | BASF Catalysts LLC |
| Street Address: | 100 Campus Drive |
| City: | Florham Park |
| State/Country: | NEW JERSEY |
| Postal Code: | 07932 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12572730 |
| CORRESPONDENCE DATA | |
| Fax Number: | (973)245-6703 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 973-245-7357 |
| Email: | sonny.nkansa@basf.com |
| Correspondent Name: | BASF CATALYSTS LLC |
| Address Line 1: | 100 CAMPUS DRIVE |
| Address Line 4: | FLORHAM PARK, NEW JERSEY 07932 |
| ATTORNEY DOCKET NUMBER: | 5520 |
| NAME OF SUBMITTER: | Melanie L. Brown |
| Total Attachments: 3 source=5520_ASSIGNMENT_001#page1.tif source=5520_ASSIGNMENT_001#page2.tif source=5520_ASSIGNMENT_001#page3.tif | |

CH \$40.00 12572730

ASSIGNMENT

WHEREAS, R. Samuel Boorse, being a citizen of the United States, residing at 172 Fairview Road, Skillman, New Jersey 08558; and Martin Dieterle, being a citizen of Germany, residing at 155 Washington Street, Jersey City, New Jersey 07302 are the inventors of an invention in

FOUR-WAY DIESEL CATALYSTS AND METHODS OF USE

for which we have executed an application for Letters Patent of the United States on October 2, 2009, having the serial number of 12/572,730; and

WHEREAS, BASF Catalysts LLC, a Delaware 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 Catalysts LLC**, 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 Catalysts LLC**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

WE HEREBY authorize the above-mentioned assignee, **BASF Catalysts LLC**, 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 Catalysts LLC**, 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 Catalysts LLC**, 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: 11/04/2009
MM/DD/YYYY

R. Samuel Boone

State of New Jersey)
 ss.:
County of)

On this 4th day of November, 2009, before me, a Notary Public in and for the State and County aforesaid, personally appeared, R.S. Boone 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.

Ruth Ann Sitariski
Notary Public

RUTH ANN SITARSKI
ID # 2374584
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/13/2013

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

Date: 11/06/2009
MM/DD/YYYY

Martin Diehl

State of New Jersey)

ss.:

County of Middlesex

On this 6 day of November, 2009, before me, a Notary Public in and for the State and County aforesaid, personally appeared, Dr. Dieter 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.

Jane T Szeg
Notary Public

