

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>UT-BATTELLE, LLC</td> <td>10/12/2010</td> </tr> </tbody> </table>		Name	Execution Date	UT-BATTELLE, LLC	10/12/2010
Name	Execution Date				
UT-BATTELLE, LLC	10/12/2010				
RECEIVING PARTY DATA					
Name:	U.S. Department of Energy				
Street Address:	1000 Independence Ave., SW				
City:	Washington				
State/Country:	DISTRICT OF COLUMBIA				
Postal Code:	20585				
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>12855794</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12855794
Property Type	Number				
Application Number:	12855794				
CORRESPONDENCE DATA					
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NAME OF SUBMITTER:	Brenda K. Banks				
Signature:	/Brenda K. Banks/				
Date:	07/02/2013				
Total Attachments: 1 source=S-115442 Confirmatory License 2#page1.tif					

CONFIRMATORY LICENSE

Title: Zeolite-Based SCR Catalysts and Their Use in Diesel Engine Emission Treatment  
Inventor(s): Chaitanya K. Narula  
Serial No.: 12/855,794  
Filing Date (U.S.) August 13, 2010  
Contractor: UT-Battelle, LLC  
DOE Contract No.: DE-AC05-00OR22725

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provision of the above-numbered contract (certified on 04-13-00) governing patent rights in the Subject Invention at the time the invention was made, has been submitted to the U. S. Department of Energy.

The Contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

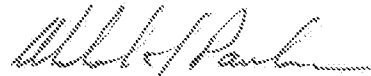
It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said contract or any other agent between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 12 day of OCTOBER, 2010.

UT-Battelle, LLC

By



Michael J. Paulus, Director  
Technology Transfer