

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Alireza Pezhman Shirvanian	07/14/2012
RECEIVING PARTY DATA	
Name:	Ford Global Technologies, LLC
Street Address:	Fairlane Plaza South, Suite 800
Internal Address:	330 Town Center Drive
City:	Dearborn
State/Country:	MICHIGAN
Postal Code:	48126
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13585108
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ATTORNEY DOCKET NUMBER:	83219860
NAME OF SUBMITTER:	Junqi Hang
Total Attachments: 1 source=Assignment#page1.tif	

CH \$40.00 13585108

Please direct all correspondence to: 28395

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, THE UNDERSIGNED, has/have invented certain new and useful improvements in:  
Attorney Docket No. **83219860** entitled: **NANO-STRUCTURED THIN FILM CATALYST**  
for which I/we intend to make application for Letters Patent of the United States listing the  
following as inventors: **Alireza Pezhman Shirvanian**.

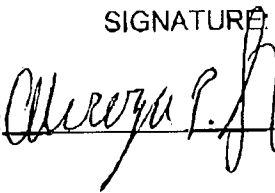
Pursuant to my employment agreement heretofore made or by contractual obligation,  
I do sell, assign and transfer unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor  
Company Limited Liability Company organized and existing by virtue of the laws of the State of  
Delaware, having its principal place of business at Dearborn, County of Wayne, and State of  
Michigan, the full and exclusive right for the United States of America and for all foreign  
countries to the said invention, as described in the specification executed by me on the date  
listed below, preparatory to obtaining Letters Patent of the United States therefor (and I hereby  
authorize my attorneys to insert the serial number and filing date herein:  
Serial No. 13/585,108, Filing Date August 14, 2012), and I hereby request the  
Commissioner of Patents and Trademarks to issue said Letters Patent to FORD GLOBAL  
TECHNOLOGIES, LLC as the assignee.

Executed by:

SIGNATURE

Alireza Pezhman Shirvanian  
1315 Astor Avenue  
Apt. 4743  
Ann Arbor, MI, 48104  
United States of America

Signature:



Date: July 14, 2012

*Damian Porcari*