

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>Perry Robinson MacNeille</td> <td>01/03/2012</td> </tr> <tr> <td>Oleg Yurievitch Gusikhin</td> <td>01/03/2012</td> </tr> <tr> <td>David Allen Kowalski</td> <td>01/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Perry Robinson MacNeille	01/03/2012	Oleg Yurievitch Gusikhin	01/03/2012	David Allen Kowalski	01/03/2012
Name	Execution Date								
Perry Robinson MacNeille	01/03/2012								
Oleg Yurievitch Gusikhin	01/03/2012								
David Allen Kowalski	01/03/2012								
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									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13405505</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13405505				
Property Type	Number								
Application Number:	13405505								
CORRESPONDENCE DATA									
Fax Number:	(313)322-7162								
Phone:	248-358-4400								
Email:	jrichmond@brookskushman.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:	BROOKS KUSHMAN P.C./FGTL								
Address Line 1:	1000 TOWN CENTER								
Address Line 2:	22ND FLOOR								
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ATTORNEY DOCKET NUMBER:	83214800								
NAME OF SUBMITTER:	Jody Richmond								
Total Attachments: 1 source=Assignment#page1.tif									

CH \$40.00 13405505

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. 83214800 entitled: **METHOD AND APPARATUS FOR ANALYZING AND OPTIMIZING FUEL/ENERGY CONSUMPTION** for which I/we intend to make application for Letters Patent of the United States listing the following as inventors: **Perry Robinson MacNeille, Oleg Yurievitch Gusikhin, David Allen Kowalski.**

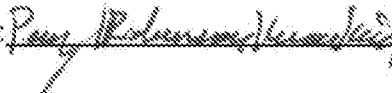
Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and transfer unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company Limited Liability Company organized and existing by virtue of the laws of the State of Delaware, having its principal place of business 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. 13/405,505, Filing Date February 27, 2012, and I hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to FORD GLOBAL TECHNOLOGIES, LLC as the assignee.

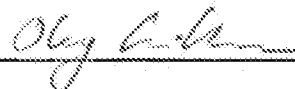
Executed by:

SIGNATURE:

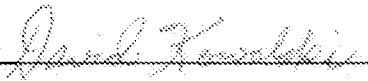
Perry Robinson MacNeille
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United States of America

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Signature:  Date: 01/03/2012

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Signature:  Date: 01/03/2012

Jennifer M Stec