

## PATENT ASSIGNMENT

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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>Kirk R. Pebley</td> <td>11/26/2012</td> </tr> <tr> <td>Ranganathan Madhavan</td> <td>12/03/2012</td> </tr> <tr> <td>Eric G. Schaefer</td> <td>12/11/2012</td> </tr> <tr> <td>Manfred Koberstein</td> <td>12/09/2012</td> </tr> <tr> <td>James C. Rollinson</td> <td>12/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kirk R. Pebley	11/26/2012	Ranganathan Madhavan	12/03/2012	Eric G. Schaefer	12/11/2012	Manfred Koberstein	12/09/2012	James C. Rollinson	12/11/2012
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>FORD GLOBAL TECHNOLOGIES, LLC</td> </tr> <tr> <td>Street Address:</td> <td>330 TOWN CENTER DRIVE, SUITE 800</td> </tr> <tr> <td>Internal Address:</td> <td>FAIRLANE PLAZA SOUTH</td> </tr> <tr> <td>City:</td> <td>DEARBORN</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48126</td> </tr> </table>		Name:	FORD GLOBAL TECHNOLOGIES, LLC	Street Address:	330 TOWN CENTER DRIVE, SUITE 800	Internal Address:	FAIRLANE PLAZA SOUTH	City:	DEARBORN	State/Country:	MICHIGAN	Postal Code:	48126
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CORRESPONDENCE DATA													
<p>Fax Number: 7345429569  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 734-542-0900        Email: EAST@MSTFIRM.COM        Correspondent Name: MACMILLAN, SOBANSKI &amp; TODD, LLC        Address Line 1: 330 TOWN CENTER DRIVE, SUITE 800        Address Line 2: FAIRLANE PLAZA SOUTH        Address Line 4: DEARBORN, MICHIGAN 48126</p>													
ATTORNEY DOCKET NUMBER:	83254840(18229)												

NAME OF SUBMITTER:

Renee D. East

Total Attachments: 5

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Please direct all correspondence to: 28866

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, THE UNDERSIGNED, have invented certain new and useful improvements in:

Attorney Docket No. **83254840** entitled: **VEHICULAR HVAC SYSTEM WITH MODIFIED AIR RECIRCULATION FOR START-STOP ENGINE** for which I/we intend to make application for Letters Patent of the United States listing the following as inventors:

Kirk R. Pebley, Ranganathan Madhavan, Eric G. Schaefer, Manfred Koberstein, and James C. Rollinson; and

WHEREAS, FORD MOTOR COMPANY, a corporation 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, is desirous of acquiring an interest therein;

WHEREAS, FORD MOTOR COMPANY desires that all right, title and interest in the invention be assigned directly to 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;

NOW, THEREFORE, pursuant to my employment agreement heretofore made with FORD MOTOR COMPANY, or by contractual obligation, I do sell, assign and transfer unto FORD GLOBAL TECHNOLOGIES, LLC 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 therefore (and I hereby authorize my attorneys to insert the serial number and filing date herein:

Serial No. 13/710832, Filing Date Dec. 11, 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:

SIGNATURES:

Name: Kirk R. Pebley [Signature] Date 11/26/12  
Home Address: 41801 Aspen Drive  
City, State, Zip: Novi, Michigan 48375  
Country: United States of America

Name: Ranganathan Madhavan \_\_\_\_\_ Date \_\_\_\_\_  
Home Address: 1237 N. Beck Road  
City, State, Zip: Canton, Michigan 48187  
Country: United States of America

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SIGNATURES:

Name: Kirk R. Pebley \_\_\_\_\_ Date \_\_\_\_\_  
Home Address: 41801 Aspen Drive  
City, State, Zip: Novi, Michigan 48375  
Country: United States of America

Name: Ranganathan Madhavan  \_\_\_\_\_ Date Dec. 3, 2012  
Home Address: 1237 N. Beck Road  
City, State, Zip: Canton, Michigan 48187  
Country: United States of America

Name: Eric G. Schaefer  
Home Address: 28429 Quail Hollow Road  
City, State, Zip: Farmington Hills, Michigan 48331  
Country: United States of America

Date 12/11/25

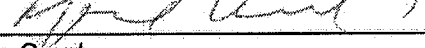
Name: Manfred Koberstein  
Home Address: 6461 Crabapple Court  
City, State, Zip: Troy, Michigan 48098  
Country: United States of America

Date

Name: James C. Rollinson  
Home Address: 7980 Hallie Drive  
City, State, Zip: Superior Township, Michigan 48198  
Country: United States of America

Date

Name: Eric G. Schaefer \_\_\_\_\_ Date \_\_\_\_\_  
Home Address: 28429 Quail Hollow Road  
City, State, Zip: Farmington Hills, Michigan 48331  
Country: United States of America

Name: Manfred Koberstein  \_\_\_\_\_ Date 12/9/92  
Home Address: 6461 Crabapple Court  
City, State, Zip: Troy, Michigan 48098  
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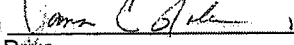
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