

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Qing Wang</td> <td>06/19/2012</td> </tr> <tr> <td>Ming Lang Kuang</td> <td>06/19/2012</td> </tr> <tr> <td>Philip Joseph Wiethe</td> <td>06/18/2012</td> </tr> <tr> <td>Jeffrey Randolph Holmes</td> <td>06/18/2012</td> </tr> <tr> <td>Ryan Abraham McGee</td> <td>06/21/2012</td> </tr> <tr> <td>Fazal Urrahman Syed</td> <td>06/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	Qing Wang	06/19/2012	Ming Lang Kuang	06/19/2012	Philip Joseph Wiethe	06/18/2012	Jeffrey Randolph Holmes	06/18/2012	Ryan Abraham McGee	06/21/2012	Fazal Urrahman Syed	06/18/2012
Name	Execution Date														
Qing Wang	06/19/2012														
Ming Lang Kuang	06/19/2012														
Philip Joseph Wiethe	06/18/2012														
Jeffrey Randolph Holmes	06/18/2012														
Ryan Abraham McGee	06/21/2012														
Fazal Urrahman Syed	06/18/2012														
<b>RECEIVING PARTY DATA</b>															
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														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13539945</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13539945										
Property Type	Number														
Application Number:	13539945														
<b>CORRESPONDENCE DATA</b>															
Fax Number:	(313)322-7162														
Email:	chughes@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														
Address Line 4:	Southfield, MICHIGAN 48075														
ATTORNEY DOCKET NUMBER:	83225037														

CH \$40.00 13539945

NAME OF SUBMITTER:

Reid A. Baldwin

Total Attachments: 4

source=Assignment#page1.tif

source=Assignment#page2.tif

source=Assignment#page3.tif

source=Assignment#page4.tif

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. **83225037** entitled: **HYBRID VEHICLE AND ASSOCIATED CONTROL METHOD** for which I/we intend to make application for Letters Patent of the United States listing the following as inventors: **Qing Wang, Ming Lang Kuang, Philip Joseph Wiethe, Jeffrey Randolph Holmes, Ryan Abraham McGee, Fazal Urrahman Syed.**

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. 13/539,945, Filing Date July 2, 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:

Qing Wang  
348 Lenox Dr  
Canton, MI, 48188  
United States of America

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

6/19/2012

Ming Lang Kuang  
47476 Torrington Drive North  
Canton, MI, 48188  
United States of America

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

6/19/2012

Philip Joseph Wiethe  
6650 Wild Meadow Circle  
Ann Arbor, MI, 48105  
United States of America

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Jeffrey Randolph Holmes  
48966 Harvest Drive  
Plymouth, MI, 48170  
United States of America

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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. **83225037** entitled: **HYBRID VEHICLE AND ASSOCIATED CONTROL METHOD** for which I/we intend to make application for Letters Patent of the United States listing the following as inventors: **Qing Wang, Ming Lang Kuang, Philip Joseph Wiethe, Jeffrey Randolph Holmes, Ryan Abraham McGee, Fazal Urrahman Syed.**

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. 13/539,945, Filing Date July 2, 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:

Qing Wang  
348 Lenox Dr  
Canton, MI, 48188  
United States of America

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Ming Lang Kuang  
47476 Torrington Drive North  
Canton, MI, 48188  
United States of America

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Philip Joseph Wiethe  
6650 Wild Meadow Circle  
Ann Arbor, MI, 48105  
United States of America

Signature: Philip J Wiethe Date: 6/18/2012

Jeffrey Randolph Holmes  
48966 Harvest Drive  
Plymouth, MI, 48170  
United States of America

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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. **83225037** entitled: **HYBRID VEHICLE AND ASSOCIATED CONTROL METHOD** for which I/we intend to make application for Letters Patent of the United States listing the following as inventors: **Qing Wang, Ming Lang Kuang, Philip Joseph Wiethe, Jeffrey Randolph Holmes, Ryan Abraham McGee, Fazal Urrahman Syed.**

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. 13/539,945, Filing Date July 2, 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:

Qing Wang  
348 Lenox Dr  
Canton, MI, 48188  
United States of America

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Ming Lang Kuang  
47476 Torrington Drive North  
Canton, MI, 48188  
United States of America

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

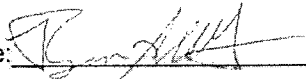
Philip Joseph Wiethe  
6650 Wild Meadow Circle  
Ann Arbor, MI, 48105  
United States of America

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

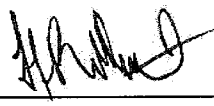
Jeffrey Randolph Holmes  
48966 Harvest Drive  
Plymouth, MI, 48170  
United States of America

Signature:  \_\_\_\_\_ Date: 06/19/2012

Ryan Abraham McGee  
1411 Saunders Crescent  
Ann Arbor, MI, 48103  
United States of America

Signature:  Date: 6/21/2012

Fazal Urrahman Syed  
40636 Clearsprings Court  
Canton, MI, 48188  
United States of America

Signature:  Date: 06/19/2012

*David B. Kelley*