

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| 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>Kerry E. Grand</td> <td>06/02/2009</td> </tr> <tr> <td>Venkatapathi R. Nallapa</td> <td>06/02/2009</td> </tr> <tr> <td>Fazal U. Syed</td> <td>06/02/2009</td> </tr> <tr> <td>Ming L. Kuang</td> <td>06/02/2009</td> </tr> </tbody> </table> | | Name | Execution Date | Kerry E. Grand | 06/02/2009 | Venkatapathi R. Nallapa | 06/02/2009 | Fazal U. Syed | 06/02/2009 | Ming L. Kuang | 06/02/2009 |
| Name | Execution Date | | | | | | | | | | |
| Kerry E. Grand | 06/02/2009 | | | | | | | | | | |
| Venkatapathi R. Nallapa | 06/02/2009 | | | | | | | | | | |
| Fazal U. Syed | 06/02/2009 | | | | | | | | | | |
| Ming L. Kuang | 06/02/2009 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| Name: | Ford Global Technologies, LLC | | | | | | | | | | |
| Street Address: | 330 Town Center Drive | | | | | | | | | | |
| Internal Address: | Fairlane Plaza South, Suite 800 | | | | | | | | | | |
| 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>12480952</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12480952 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 12480952 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: | (734)542-9569 | | | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | |
| Phone: | 734 542 0900 | | | | | | | | | | |
| Email: | east@MSTFIRM.COM | | | | | | | | | | |
| Correspondent Name: | MACMILLAN, SOBANSKI & TODD, LLC | | | | | | | | | | |
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| Address Line 2: | 720 WATER STREET | | | | | | | | | | |
| Address Line 4: | TOLEDO, OHIO 43604 | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 81193957(17621) | | | | | | | | | | |
| NAME OF SUBMITTER: | Renee D. East | | | | | | | | | | |

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Total Attachments: 2

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Please direct all correspondence to: 28866

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. **81193957** entitled: **BATTERY EQUALIZATION USING A PLUG-IN CHARGER IN A HYBRID ELECTRIC VEHICLE**

for which I/we intend to make application for Letters Patent of the United States listing the following as inventors:

Kerry E. Grand
Venkatapathi R. Nallapa
Fazal U. Syed
Ming L. Kuang;
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. _____, Filing Date _____, 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:

Full name of sole or first inventor: Kerry E. Grand

Inventor's signature 

Date: 6/2/2009

Residence: 52153 Boland Drive, Chesterfield, MI 48047

Citizenship: US

Post Office Address: Same as above

Full name of second inventor: Venkatapathi R. Nallapa
Inventor's signature: *V. R. Nallapa* Date: 6/2/09
Residence: 7006 Carlyle Crossing, West Bloomfield, MI 48322
Citizenship: US Post Office Address: Same as above

Full name of third inventor: Fazal U. Syed
Inventor's signature: *Fazal U. Syed* Date: 6/2/09
Residence: 40636 Clearsprings Ct., Canton, MI 48188
Citizenship: US Post Office Address: Same as above

Full name of fourth inventor: Ming L. Kuang
Inventor's signature: *Ming L. Kuang* Date: 6/2/09
Residence: 47476 Torrington Drive, Canton, MI 48188
Citizenship: US Post Office Address: Same as above