

## 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>Anuj Tyagi</td> <td>05/24/2013</td> </tr> <tr> <td>Vijay Vardhan</td> <td>05/24/2013</td> </tr> <tr> <td>Venkatesh Donthy</td> <td>05/24/2013</td> </tr> </tbody> </table>   |                        | Name          | Execution Date     | Anuj Tyagi          | 05/24/2013             | Vijay Vardhan | 05/24/2013 | Venkatesh Donthy | 05/24/2013 |              |            |
| Name   | Execution Date         |               |                    |                     |                        |               |            |                  |            |              |            |
| Anuj Tyagi   | 05/24/2013             |               |                    |                     |                        |               |            |                  |            |              |            |
| Vijay Vardhan  | 05/24/2013             |               |                    |                     |                        |               |            |                  |            |              |            |
| Venkatesh Donthy   | 05/24/2013             |               |                    |                     |                        |               |            |                  |            |              |            |
| RECEIVING PARTY DATA   |                        |               |                    |                     |                        |               |            |                  |            |              |            |
| <table border="1"> <tr> <td>Name:</td> <td>General Motors LLC</td> </tr> <tr> <td>Street Address:</td> <td>300 Renaissance Center</td> </tr> <tr> <td>City:</td> <td>Detroit</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48265-3000</td> </tr> </table>   |                        | Name:         | General Motors LLC | Street Address:     | 300 Renaissance Center | City:         | Detroit    | State/Country:   | MICHIGAN   | Postal Code: | 48265-3000 |
| Name:  | General Motors LLC     |               |                    |                     |                        |               |            |                  |            |              |            |
| Street Address:  | 300 Renaissance Center |               |                    |                     |                        |               |            |                  |            |              |            |
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| State/Country:   | MICHIGAN               |               |                    |                     |                        |               |            |                  |            |              |            |
| Postal Code:   | 48265-3000             |               |                    |                     |                        |               |            |                  |            |              |            |
| 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>13904376</td> </tr> </tbody> </table>  |                        | Property Type | Number             | Application Number: | 13904376               |               |            |                  |            |              |            |
| Property Type  | Number                 |               |                    |                     |                        |               |            |                  |            |              |            |
| Application Number:  | 13904376               |               |                    |                     |                        |               |            |                  |            |              |            |
| CORRESPONDENCE DATA  |                        |               |                    |                     |                        |               |            |                  |            |              |            |
| <p>Fax Number: 3126165700<br/> <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 312-616-5600<br/> Email: Assignments@leydig.com<br/> Correspondent Name: Leydig, Voit &amp; Mayer, Ltd.<br/> Address Line 1: 180 N. Stetson Ave., Suite 4900<br/> Address Line 2: Two Prudential Plaza<br/> Address Line 4: Chicago, ILLINOIS 60601-6731</p> |                        |               |                    |                     |                        |               |            |                  |            |              |            |
| ATTORNEY DOCKET NUMBER:  | P022650-OST-ALS/711002 |               |                    |                     |                        |               |            |                  |            |              |            |
| NAME OF SUBMITTER:   | Mark Joy               |               |                    |                     |                        |               |            |                  |            |              |            |
| Signature:   | /Mark Joy/             |               |                    |                     |                        |               |            |                  |            |              |            |
| Date:  | 05/30/2013             |               |                    |                     |                        |               |            |                  |            |              |            |
| Total Attachments: 1<br>source=13904376#page1.tif  |                        |               |                    |                     |                        |               |            |                  |            |              |            |

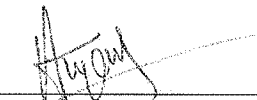
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
Pursuant to an agreement with my employer, I formally assign to GENERAL MOTORS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P022650-OST-ALS/711002 entitled

OPTIMIZING VEHICLE RECHARGING TO LIMIT USE OF ELECTRICITY GENERATED FROM NON-RENEWABLE SOURCES

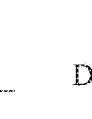
for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 73811 to insert the application number and filing date of said application here in parentheses ( 13/904,376 filed May 29, 2013 ) when known.

Inventor's signature  Date 05/24/2013

Full name : ANUJ TYAGI  
Residence : ROCHESTER HILLS, MICHIGAN

Inventor's signature  Date 05/24/2013

Full name : VIJAY VARDHAN  
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Inventor's signature  Date 5/24/2013

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