

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>MOHANNAD MURAD</td> <td>06/19/2013</td> </tr> <tr> <td>JOSEPH S. COLBURN</td> <td>06/19/2013</td> </tr> </tbody> </table> | | Name | Execution Date | MOHANNAD MURAD | 06/19/2013 | JOSEPH S. COLBURN | 06/19/2013 |
| Name | Execution Date | | | | | | |
| MOHANNAD MURAD | 06/19/2013 | | | | | | |
| JOSEPH S. COLBURN | 06/19/2013 | | | | | | |
| RECEIVING PARTY DATA | | | | | | | |
| Name: | GM GLOBAL TECHNOLOGY OPERATIONS LLC | | | | | | |
| Street Address: | 300 Renaissance Center | | | | | | |
| Internal Address: | Mail Code 482-C23-B21 | | | | | | |
| City: | Detroit | | | | | | |
| 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>13928853</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13928853 | | |
| Property Type | Number | | | | | | |
| Application Number: | 13928853 | | | | | | |
| CORRESPONDENCE DATA | | | | | | | |
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| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | |
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| ATTORNEY DOCKET NUMBER: | 003.1039US | | | | | | |
| NAME OF SUBMITTER: | Arno Ted Naeckel | | | | | | |
| Signature: | /ARNO TED NAECKEL/ | | | | | | |
| Date: | 06/27/2013 | | | | | | |
| Total Attachments: 1 source=20130627_Assignment_003-1039US#page1.tif | | | | | | | |

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ASSIGNMENT

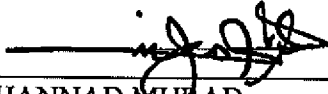
Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P023604-GMVE-LDA (003.1039) entitled:

**MULTIPLE TRANSMISSION METHODS FOR IMPROVING THE OPERATION OF
AUTOMOTIVE RADAR SYSTEMS**

for which application for Letters Patent of the United States:

- has been executed on even date herewith;
- executed on _____;
- was filed on June 27, 2013 and assigned U.S. Serial No. 13/928,853;

ASSIGNOR hereby authorizes GM GLOBAL TECHNOLOGY OPERATIONS LLC, its successors and assigns, its legal representatives, or anyone it may properly designate, to insert in this instrument the filing date and/or serial number of said application when ascertained.

Inventor's signature  Date 06/19/2013
Full name : MOHANNAD MURAD
Residence : TROY, MICHIGAN

Inventor's signature  Date 6/19/13
Full name : JOSEPH S. COLBURN
Residence : MALIBU, CALIFORNIA