

## 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>STEVEN E. SCHULZ</td><td>04/23/2007</td></tr><tr><td>SEAM E. GLEASON</td><td>04/25/2007</td></tr><tr><td>BRIAN A. WELCHKO</td><td>04/23/2007</td></tr></tbody></table> |                                      | Name          | Execution Date | STEVEN E. SCHULZ    | 04/23/2007 | SEAM E. GLEASON | 04/25/2007 | BRIAN A. WELCHKO | 04/23/2007 |
| Name  | Execution Date                       |               |                |                     |            |                 |            |                  |            |
| STEVEN E. SCHULZ  | 04/23/2007                           |               |                |                     |            |                 |            |                  |            |
| SEAM E. GLEASON   | 04/25/2007                           |               |                |                     |            |                 |            |                  |            |
| BRIAN A. WELCHKO  | 04/23/2007                           |               |                |                     |            |                 |            |                  |            |
| RECEIVING PARTY DATA  |                                      |               |                |                     |            |                 |            |                  |            |
| Name:   | GM GLOBAL TECHNOLOGY OPERATIONS, INC |               |                |                     |            |                 |            |                  |            |
| 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>11743709</td></tr></tbody></table>  |                                      | Property Type | Number         | Application Number: | 11743709   |                 |            |                  |            |
| Property Type   | Number                               |               |                |                     |            |                 |            |                  |            |
| Application Number:   | 11743709                             |               |                |                     |            |                 |            |                  |            |
| CORRESPONDENCE DATA   |                                      |               |                |                     |            |                 |            |                  |            |
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| ATTORNEY DOCKET NUMBER:   | GP-307870-ATC-D                      |               |                |                     |            |                 |            |                  |            |
| NAME OF SUBMITTER:  | Stephanie Harbin                     |               |                |                     |            |                 |            |                  |            |
| Total Attachments: 2  |                                      |               |                |                     |            |                 |            |                  |            |

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PATENT  
REEL: 019616 FRAME: 0513




### ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application GP-307870-US-NP/ATC/CD entitled

#### METHOD AND SYSTEM FOR RESOLVER ALIGNMENT IN ELECTRIC MOTOR SYSTEM

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney CHRISTOPHER DEVRIES to insert the application number and filing date of said application here in parentheses (11/743,709 filed May 3, 2007) when known.

Inventor's signature  Date 4/23/07

Full name : STEVEN E. SCHULZ

Declaration dated :

Residence : TORRANCE, CALIFORNIA

4/23/07


Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : SEAN E GLEASON

Declaration dated :

Residence : WEST BLOOMFIELD, MICHIGAN

\_\_\_\_\_

Inventor's signature  Date April 23, 2007

Full name : BRIAN A WELCHKO

Declaration dated :

Residence : TORRANCE, CALIFORINA

April 23, 2007

**ASSIGNMENT**

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application GP-307870-US-NP/ATC/CD entitled

**METHOD AND SYSTEM FOR RESOLVER ALIGNMENT  
IN ELECTRIC MOTOR SYSTEM**

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Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : STEVEN E. SCHULZ Declaration dated :

Residence : TORRANCE, CALIFORNIA \_\_\_\_\_

Inventor's signature Seán E Gleason Date 4/25/07

Full name : SEAN E GLEASON Declaration dated :

Residence : WEST BLOOMFIELD, MICHIGAN 4/25/07

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : BRIAN A WELCHKO Declaration dated :

Residence : TORRANCE, CALIFORNIA \_\_\_\_\_