

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3017974

|                                                                                                                                                                                                 |                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                        |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                            |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                       |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                 |
| THOMAS F. PORLICK                                                                                                                                                                               | 08/26/2014                            |
| KEVIN A. SHERMAN                                                                                                                                                                                | 08/26/2014                            |
| LAYNE K. WIGGINS                                                                                                                                                                                | 08/26/2014                            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                       |
| <b>Name:</b>                                                                                                                                                                                    | GM GLOBAL TECHNOLOGY OPERATIONS LLC   |
| <b>Street Address:</b>                                                                                                                                                                          | P.O. BOX 300                          |
| <b>Internal Address:</b>                                                                                                                                                                        | MAIL CODE 482-C23-B21                 |
| <b>City:</b>                                                                                                                                                                                    | DETROIT                               |
| <b>State/Country:</b>                                                                                                                                                                           | MICHIGAN                              |
| <b>Postal Code:</b>                                                                                                                                                                             | 48265-3000                            |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                       |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                         |
| Application Number:                                                                                                                                                                             | 14469907                              |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (248)641-0270                         |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                       |
| <b>Phone:</b>                                                                                                                                                                                   | 248-641-1600                          |
| <b>Email:</b>                                                                                                                                                                                   | madams@hdp.com, troydocketing@hdp.com |
| <b>Correspondent Name:</b>                                                                                                                                                                      | HARNESS, DICKEY & PIERCE, P.L.C.      |
| <b>Address Line 1:</b>                                                                                                                                                                          | P.O. BOX 828                          |
| <b>Address Line 4:</b>                                                                                                                                                                          | BLOOMFIELD HILLS, MICHIGAN 48303      |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | P026937-PTUS-CD                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | MICHELLE A. ADAMS                     |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Michelle A. Adams/                   |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 09/11/2014                            |
| <b>Total Attachments: 1</b>                                                                                                                                                                     |                                       |
| source=Assignment-as-filed_P026937#page1.tif                                                                                                                                                    |                                       |

**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 P026937-PTUS-CD entitled

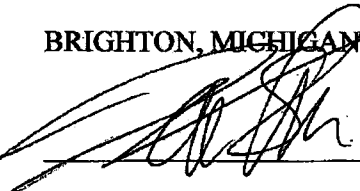
**SYSTEM AND METHOD FOR DIAGNOSING A FAULT IN A CAMSHAFT POSITION SENSOR AND/OR A CRANKSHAFT POSITION SENSOR**

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 74175 to insert the application number and filing date of said application here in parentheses (14/469,907 filed AUGUST 27, 2014) when known.

Inventor's signature  \_\_\_\_\_ Date 26 AUG 2014

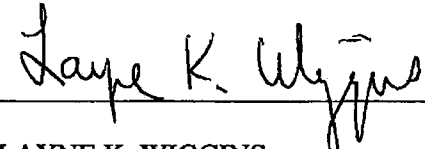
Full name : THOMAS F. PORLICK

Residence : BRIGHTON, MICHIGAN

Inventor's signature  \_\_\_\_\_ Date 8-26-2014

Full name : KEVIN A. SHERWIN

Residence : FARMINGTON HILLS, MICHIGAN

Inventor's signature  \_\_\_\_\_ Date 08/26/2014

Full name : LAYNE K. WIGGINS

Residence : DEXTER, MICHIGAN