

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4257742

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|---|-------------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                      |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                          |
| <b>CONVEYING PARTY DATA</b>   |                                     |
| <b>Name</b>   | <b>Execution Date</b>               |
| SHIMING DUAN  | 01/13/2017                          |
| CHRISTOPHER H. KNIEPER  | 01/15/2017                          |
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| <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:   | 15423045                            |
| <b>CORRESPONDENCE DATA</b>  |                                     |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | P037224-US-NP/GM4541PUS             |
| <b>NAME OF SUBMITTER:</b>   | CAROL A. PIERSON                    |
| <b>SIGNATURE:</b>   | /Carol A. Pierson/                  |
| <b>DATE SIGNED:</b>   | 02/03/2017                          |
| <b>Total Attachments: 1</b>   |                                     |
| source=Assignment_P037224#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 P037224-US-NP entitled

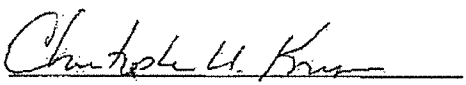
PROGNOSTIC SYSTEM AND METHOD FOR AN ELECTRIC COOLANT PUMP

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 72823 to insert the application number and filing date of said application here in parentheses (15/423045 filed 02-FEB-2017) when known.

Inventor's signature  Date Jan 13, 2017

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Inventor's signature  Date JAN 15, 2017

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