PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Igor Anilovich | 12/08/2010 |
| Daniel A. Bialas | 12/08/2010 |
| Morena Bruno | 12/10/2010 |
| Daniel Siebert | 12/08/2010 |
| John W. Siekkinen | 12/08/2010 |

RECEIVING PARTY DATA

| Name: | GM Global Technology Operations LLC |
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| City: | Detroit |
| State/Country: | MICHIGAN |
| Postal Code: | 48265-3000 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12987471 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | P012587-PTUS-RRM / GM2098 |
|-------------------------|---------------------------|
| NAME OF SUBMITTER: | Christopher W. Quinn |

501402230 PATENT REEL: 025616 FRAME: 0392

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Total Attachments: 4

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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 P012587-PTUS-RRM entitled

METHOD OF MONITORING AN ENGINE COOLANT SYSTEM OF A VEHICLE

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize practitioners associated with Customer No. 72823 to insert the application number and filing date of said application here in parentheses (12/98747/ filed 10-JAN-2011) when known.

| Inventor's signature | Whing- | Date 12/8/2010 |
|----------------------|--------------------------|---------------------|
| Full name : | IGOR ANILOVICH | Declaration dated : |
| Residence: | WALLED LAKE, MICHIGAN | 12/8/2010 |
| Inventor's signature | Danil A Bislan | Date 12/9/2010 |
| Full name : | DANIEL A BIALAS | Declaration dated: |
| Residence: | ANN ARBOR, MICHIGAN | 12/8/2010 |
| Inventor's signature | | Date |
| Full name : | MORENA BRUNO | Declaration dated: |
| Residence: | CHIVASSO (TORINO), ITALY | |
| Inventor's signature | | Date |
| Full пате: | DANIEL SIEBERT | Declaration dated: |
| Residence : | MAINZ, GERMANY | |

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|----------------------|--------------------------|--------------------|
| Full name : | IGOR ANILOVICH | Declaration dated: |
| Residence: | WALLED LAKE, MICHIGAN | |
| Inventor's signature | | Date |
| Full name : | DANIEL A BIALAS | Declaration dated: |
| Residence: | ANN ARBOR, MICHIGAN | |
| inventor's signature | Juoiens Premo | Date 10/12/2010 |
| Full name : | MORENA BRUNO | Declaration dated: |
| Residence: | CHIVASSO (TORINO), ITALY | 10/12/20/0 |
| Inventor's signature | | Date |
| Full name : | DANIEL SIEBERT | Declaration dated: |
| Residence : | MAINZ, GERMANY | |

Customer No. 72823 P012587-PTUS-RRM, Page 1

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| Full name : | IGOR ANILOVICH | Declaration dated: |
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| Residence : | ANN ARBOR, MICHIGAN | |
| Inventor's signature | | Dute |
| Full name : | MORENA BRUNO | Declaration dated : |
| Residence . | CHIVASSO (TORINO), ITALY | |
| Inventor's signature | Darl free | Date 12/09/2010 |
| Full name : | DANIEL SIEBERT | Declaration dated: |
| Residence : | MAINZ, GERMANY | 1:/08/2010 |

Customer No. 72823 P012587-PTUS-RRM, Page 2

Inventor's signature

John W. Jilli

Date 12/8/2010

Full name:

JOHN W. SIEKKINEN

Declaration dated:

Residence:

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12/8/2010

PATENT REEL: 025616 FRAME: 0397

RECORDED: 01/11/2011