Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| JIAN LIN | 10/12/2006 |
| YONG XU | 10/04/2006 |
| WENBO WANG | 10/04/2006 |
| MICHAEL R. GRIMES | 10/27/2006 |

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

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11625834 |

CORRESPONDENCE DATA

Fax Number: (248) 267-7989

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Correspondent Name: Christopher DeVries Address Line 1: 300 Renaissance Center Address Line 2: Mail Code 482-C23-B21

Address Line 4: Detroit, MICHIGAN 48265-3000

ATTORNEY DOCKET NUMBER: GP-307004-PTE-CD

NAME OF SUBMITTER: Stephanie Harbin

PATENT

500210875 **REEL: 018789 FRAME: 0164**

Total Attachments: 3

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GP-307004-PTE-CD, Page 1

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-307004-PTE-CD entitled

ROUGH ROAD DETECTION SYSTEM

| | a declaration dated as indicated below. If | |
|----------------------|--|------------------------|
| | rney CHRISTOPHER DEVRIES to insert | |
| when known. | on here in parentheses (11/625,834 | Illed January 23, 2007 |
| Inventor's signature | | Date 10/12/2006 |
| Full name: | JIAN LIN | Declaration dated: |
| Residence: | BEVERLY HILLS, MICHIGAN | 10/12/2006 |
| Inventor's signature | | Date |
| Full name : | YONG XU | Declaration dated: |
| Residence: | ANN ARBOR, MICHIGAN | |
| Inventor's signature | | Date |
| Full name: | WENBO WANG | Declaration dated: |
| Residence: | NOVI, MICHIGAN | |
| Inventor's signature | · | Date |
| Full name: | MICHAEL R. GRIMES | Declaration dated: |
| Residence: | SALINE, MICHIGAN | |

GP-307004-PTE-CD, Page 1

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| filed, I authorize atto | a declaration dated as indicated below. If the mey CHRISTOPHER DEVRIES to insert the confidence in parentheses (11/625,834 figure figu | he application number and filing |
|-------------------------|--|----------------------------------|
| Inventor's signature | | Date |
| Full name: | JIAN LIN | Declaration dated: |
| Residence: | BEVERLY HILLS, MICHIGAN | |
| Inventor's signature | - 45 X- | Date 10/04/2006 |
| Full name : | YONG XU | Declaration dated: |
| Residence: | ANN ARBOR, MICHIGAN | 10/0x/2006 |
| Inventor's signature | wenderlang | Date OCT. 04 2006 |
| Full name: | WENBO WANG | Declaration dated: |
| Residence: | NOVI, MICHIGAN | Oct. 04, 2006 |
| Inventor's signature | | Date |
| Full name: | MICHAEL R. GRIMES | Declaration dated: |
| Residence: | SALINE, MICHIGAN | |

GP-307004-PTE-CD, Page 1

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| Inventor's signature | | Date |
| Full name: | JIAN LIN | Declaration dated: |
| Residence: | BEVERLY HILLS, MICHIGAN | |
| Inventor's signature | | Date |
| Full name: | YONG XU | Declaration dated: |
| Residence: | ANN ARBOR, MICHIGAN | |
| Inventor's signature | | Date |
| Full name: | WENBO WANG | Declaration dated: |
| Residence: | NOVI, MICHIGAN | |
| Inventor's signature | milal R g | Date 270ct 2006 |
| Full name : | MICHAEL R. GRIMES | Declaration dated: |
| Residence: | SALINE, MICHIGAN | 27 Oct 2006 |

RECORDED: 01/23/2007