PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | | NEW ASSIGNMENT | NEW ASSIGNMENT | |
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| NATURE OF CONVEYANCE: | | ASSIGNMENT | ASSIGNMENT | |
| CONVEYING PART | Y DATA | ; | | |
| | | Name Execution | Date | |
| Carl W. Wellborn | | 01/18/2011 | | |
| Mary Ellen DeCaluv | we | 01/19/2011 | | |
| Jim K. Rainbolt | | 01/28/2011 | | |
| Roger A. Clark | | 01/28/2011 | | |
| RECEIVING PARTY | ′ DATA | | | |
| Name: | GM Global Technology Operations LLC | | | |
| Street Address: | 300 Renaiss | 300 Renaissance Center | | |
| Internal Address: | Mail Code 48 | Mail Code 482-C23-B21, P.O. Box 300 | | |
| City: | Detroit | | | |
| State/Country: | MICHIGAN | MICHIGAN | | |
| | 48265-3000 | | | |
| Postal Code: | | | | |
| Postal Code: PROPERTY NUMBE Property | ERS Total: 1 | Number | | |
| | ERS Total: 1 Type | Number 13016969 | | |
| PROPERTY NUMBE Property Application Number CORRESPONDENC Fax Number: <i>Correspondence wil</i> Phone: Email: Correspondent Nam | ERS Total: 1 Type r: CE DATA (248)67 <i>Il be sent via US</i> 248-676 mcichos ne: CICHOS | 13016969 6-2799 <i>Mail when the fax attempt is unsuccessful.</i> -2798 z@cichoszlaw.com SZ & CICHOSZ, PLLC | | |
| PROPERTY NUMBE Property Application Number CORRESPONDENC Fax Number: <i>Correspondence will</i> Phone: Email: | ERS Total: 1 Type r: CE DATA (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)67 (248)6 | 13016969 5-2799 <i>Mail when the fax attempt is unsuccessful.</i> -2798 z@cichoszlaw.com | | |
| PROPERTY NUMBE Property Application Number CORRESPONDENC Fax Number: <i>Correspondence wil</i> Phone: Email: Correspondent Nam Address Line 1: | ERS Total: 1 Type r: CE DATA (248)67 <i>Il be sent via US</i> 248-676 mcichos ne: CICHOS 129 E. (MILFOF | 13016969 3-2799 <i>Mail when the fax attempt is unsuccessful.</i> -2798 z@cichoszlaw.com 5Z & CICHOSZ, PLLC COMMERCE | | |

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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 P012701/RD/MJL entitled

SEMI-AUTONOMOUS VEHICLE PROVIDING AN AUXILIARY POWER SUPPLY

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize any patent practitioner associated with Customer No. 70465 to insert the application number and filing date of said application here in parentheses (<u>13/016,969</u> filed <u>29-JAN-2011</u>) when known.

| Inventor's signature Full name : | CARL W. WELLBORN | Date JAM. 18, 2011 Declaration dated : |
|-------------------------------------|----------------------------------------|-------------------------------------------|
| Residence : | DETROIT, MI | JAN, 18, 2011 |
| Inventor's signature | | Date |
| Full name : | MARY ELLEN DECALUWE | Declaration dated : |
| Residence : | OXFORD, MICHIGAN | 199920000000000000000000000000000000000 |
| Inventor's signature | | Date |
| Full name : | JIM K. RAINBOLT | Declaration dated : |
| Residence : | HASLETT, MICHIGAN | 9555550 |
| Inventor's signature | 50000000000000000000000000000000000000 | Date |
| Full name : | ROGER A. CLARK | Declaration dated : |
| Residence : | WATERFORD, MICHIGAN | |

PATENT REEL: 025718 FRAME: 0071 Jan. 19. 2011 1:55PM

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No. 0308 P. 2

Customer No. 70465 P012701/RD/MJL, Page 1

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 P012701/RD/MJL entitled

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| | Inventor's signature | | Date |
|---|----------------------------------------------------|-----------------------------------------|------------------------------------------|
| | Full name : | CARL W. WELLBORN | Declaration dated : |
| | Residence : | DETROIT, MI | |
| ł | Inventor's signature Full name : Residence : | Mary Ellen decaluwe OXFORD, MICHIGAN | Date Jun. 19,2011 Declaration dated : |
| | Inventor's signature | | Date |
| | Full name : | JIM K. RAINBOLT | Declaration dated : |
| | Residence : | HASLETT, MICHIGAN | |
| | Inventor's signature | | Date |
| | Full name : | ROGER A. CLARK | Declaration dated : |
| | Residence : | WATERFORD, MICHIGAN | ***** |
| | | | |

PATENT REEL: 025718 FRAME: 0072 Jan. 28. 2011 12:16PM

No. 0315 P. 4

Customer No. 70465 P012701/RD/MJL, Page 1

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 P012701/RD/MJL entitled

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| Inventor's signature | | Date |
|----------------------|---------------------|---------------------|
| Full name : | CARL W. WELLBORN | Declaration dated : |
| Residence : | DETROIT, MI | |
| Inventor's signature | | Date |
| Full name : | MARY ELLEN DECALUWE | Declaration dated : |
| Residence : | OXFORD, MICHIGAN | |
| Inventor's signature | J. K. Balata | Date 28 JAN (/ |
| Full name : | JIMK. RAINBOLT | Declaration dated : |
| Residence : | HASLETT, MICHIGAN | 28.TM 11 |
| Inventor's signature | · | Date |
| Full name : | RÖGER A. CLARK | Declaration dated : |
| Residence : | WATERFORD, MICHIGAN | |

PATENT REEL: 025718 FRAME: 0073

No. 2217 P. 2

Customer No. 70465 P012701/RD/MJL, Page 1

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 P012701/RD/MJL entitled

SEMI-AUTONOMOUS VEHICLE PROVIDING AN AUXILIARY POWER SUPPLY

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| Inventor's signature | ······ | Date |
|----------------------|---------------------|---------------------|
| Full name : | CARL W. WELLBORN | Declaration dated : |
| Residence : | DETROIT, MI | |
| Inventor's signature | | Date |
| Full name : | MARY ELLEN DECALUWE | Declaration dated : |
| Residence : | OXFORD, MICHIGAN | |
| Inventor's signature | | Date |
| Full name : | JIM K. RAINBOLT | Declaration dated : |
| Residence ; | HASLETT, MICHIGAN | |
| Inventor's signature | (bridge | Date/-20-1/ |
| Full name : | ROGER A. CLARK | Declaration dated : |
| Residence ; | CLARKSTON, MICHIGAN | 1-28-11 |

PATENT REEL: 025718 FRAME: 0074

RECORDED: 01/29/2011