

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

| SUBMISSION TYPE:                                                                                                                                                                                                                                                                                                                                                                                                                        | NEW ASSIGNMENT                        |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------|---------------------------------------|---------------------|------------------------|-------------------|-------------------------------------|--------------------|------------|----------------|------------|---------------------|------------|-------------------------|------------|
| NATURE OF CONVEYANCE:                                                                                                                                                                                                                                                                                                                                                                                                                   | ASSIGNMENT                            |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| CONVEYING PARTY DATA                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Shih-Ken Chen</td><td>09/13/2010</td></tr><tr><td>Valery Pylypchuk</td><td>09/08/2010</td></tr><tr><td>Youssef A. Ghoneim</td><td>09/13/2010</td></tr><tr><td>Weiwen Deng</td><td>09/10/2010</td></tr><tr><td>Nikolai K. Moshchuk</td><td>09/13/2010</td></tr><tr><td>Bakhtiar Brian Litkouhi</td><td>09/13/2010</td></tr></tbody></table> |                                       | Name          | Execution Date                        | Shih-Ken Chen       | 09/13/2010             | Valery Pylypchuk  | 09/08/2010                          | Youssef A. Ghoneim | 09/13/2010 | Weiwen Deng    | 09/10/2010 | Nikolai K. Moshchuk | 09/13/2010 | Bakhtiar Brian Litkouhi | 09/13/2010 |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                    | Execution Date                        |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| Shih-Ken Chen                                                                                                                                                                                                                                                                                                                                                                                                                           | 09/13/2010                            |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| Valery Pylypchuk                                                                                                                                                                                                                                                                                                                                                                                                                        | 09/08/2010                            |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| Youssef A. Ghoneim                                                                                                                                                                                                                                                                                                                                                                                                                      | 09/13/2010                            |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| Weiwen Deng                                                                                                                                                                                                                                                                                                                                                                                                                             | 09/10/2010                            |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| Nikolai K. Moshchuk                                                                                                                                                                                                                                                                                                                                                                                                                     | 09/13/2010                            |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| Bakhtiar Brian Litkouhi                                                                                                                                                                                                                                                                                                                                                                                                                 | 09/13/2010                            |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| RECEIVING PARTY DATA                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| <table border="1"><tr><td>Name:</td><td>GM Global Technology Operations, Inc.</td></tr><tr><td>Street Address:</td><td>300 Renaissance Center</td></tr><tr><td>Internal Address:</td><td>Mail Code 482-C23-B21, P.O. Box 300</td></tr><tr><td>City:</td><td>Detroit</td></tr><tr><td>State/Country:</td><td>MICHIGAN</td></tr><tr><td>Postal Code:</td><td>48265-3000</td></tr></table>                                                 |                                       | Name:         | GM Global Technology Operations, Inc. | Street Address:     | 300 Renaissance Center | Internal Address: | Mail Code 482-C23-B21, P.O. Box 300 | City:              | Detroit    | State/Country: | MICHIGAN   | Postal Code:        | 48265-3000 |                         |            |
| Name:                                                                                                                                                                                                                                                                                                                                                                                                                                   | GM Global Technology Operations, Inc. |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| Street Address:                                                                                                                                                                                                                                                                                                                                                                                                                         | 300 Renaissance Center                |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| Internal Address:                                                                                                                                                                                                                                                                                                                                                                                                                       | Mail Code 482-C23-B21, P.O. Box 300   |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| City:                                                                                                                                                                                                                                                                                                                                                                                                                                   | Detroit                               |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| State/Country:                                                                                                                                                                                                                                                                                                                                                                                                                          | MICHIGAN                              |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| Postal Code:                                                                                                                                                                                                                                                                                                                                                                                                                            | 48265-3000                            |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| PROPERTY NUMBERS Total: 1                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12876422</td></tr></tbody></table>                                                                                                                                                                                                                                                                            |                                       | Property Type | Number                                | Application Number: | 12876422               |                   |                                     |                    |            |                |            |                     |            |                         |            |
| Property Type                                                                                                                                                                                                                                                                                                                                                                                                                           | Number                                |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| Application Number:                                                                                                                                                                                                                                                                                                                                                                                                                     | 12876422                              |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| CORRESPONDENCE DATA                                                                                                                                                                                                                                                                                                                                                                                                                     |                                       |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
| Fax Number: (248)676-2799<br><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>                                                                                                                                                                                                                                                                                                                       |                                       |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
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| Email: mcichosz@cichoszlaw.com                                                                                                                                                                                                                                                                                                                                                                                                          |                                       |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |
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| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                                                                                                                                                                                                                                                 | P011336/RD/MJL(GMC10152)              |               |                                       |                     |                        |                   |                                     |                    |            |                |            |                     |            |                         |            |

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PATENT  
REEL: 025425 FRAME: 0326

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NAME OF SUBMITTER:

Mona-Lisa Cichosz

**Total Attachments: 4**

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**PATENT**

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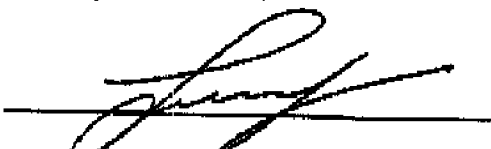
Customer No. 70465  
P011336/RD/MJL, Page 1

## 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 P011336/RD/MJL entitled

## HYBRID BRAKE CONTROL

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 (12/876,422 filed 07-SEPT-2010) when known.

|                      |                                                                                     |                     |                   |
|----------------------|-------------------------------------------------------------------------------------|---------------------|-------------------|
| Inventor's signature |    | Date                | <u>09/13/2010</u> |
| Full name :          | SHIH-KEN CHEN                                                                       | Declaration dated : |                   |
| Residence :          | TROY, MICHIGAN                                                                      |                     | <u>09/13/2010</u> |
| Inventor's signature |  | Date                | <u>9/8/2010</u>   |
| Full name :          | VALERY PYLYPCHUK                                                                    | Declaration dated : |                   |
| Residence :          | <u>V.P.</u><br><del>GROSSE POINTE PARK</del> MICHIGAN<br>WEST BLOOMFIELD            |                     | <u>9/8/2010</u>   |
| Inventor's signature |  | Date                | <u>9/13/2010</u>  |
| Full name :          | YOUSSEF A. GHONEIM                                                                  | Declaration dated : |                   |
| Residence :          | <u>Rochester</u><br>OAKLAND TWP, MICHIGAN<br><u>yg</u>                              |                     | <u>9/13/2010</u>  |
| Inventor's signature |  | Date                |                   |
| Full name :          | WEIWEN DENG                                                                         | Declaration dated : |                   |
| Residence :          | ROCHESTER HILLS, MICHIGAN                                                           |                     |                   |

Customer No. 70465  
P011336/RD/MJL, Page 2

Inventor's signature

Date 9/13/10

Full name :

NIKOLAI K. MOSHCHUK

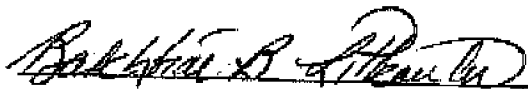
Declaration dated :

Residence :

GROSSE POINTE, MICHIGAN

9/13/10

Inventor's signature

Date 9/13/10

Full name :

BAKHTIAR BRIAN LITKOUHI

Declaration dated :

Residence :

WASHINGTON, MICHIGAN

9/13/10

PATENT

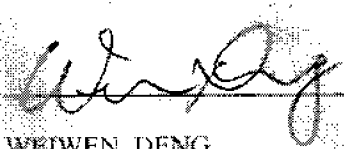
REEL: 025425 FRAME: 0329

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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 P011336/RD/MJL entitled

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|                      |                                                                                     |                   |                   |
|----------------------|-------------------------------------------------------------------------------------|-------------------|-------------------|
| Inventor's signature | _____                                                                               | Date              | _____             |
| Full name            | SHIH-KEN CHEN                                                                       | Declaration dated | _____             |
| Residence            | TROY, MICHIGAN                                                                      |                   | _____             |
| Inventor's signature | _____                                                                               | Date              | _____             |
| Full name            | VALERY PYLYPCHUK                                                                    | Declaration dated | _____             |
| Residence            | GROSSE POINTE PARK, MICHIGAN                                                        |                   | _____             |
| Inventor's signature | _____                                                                               | Date              | _____             |
| Full name            | YOUSSEF A. GHONEIM                                                                  | Declaration dated | _____             |
| Residence            | OAKLAND TWP, MICHIGAN                                                               |                   | _____             |
| Inventor's signature |  | Date              | <u>09/10/2010</u> |
| Full name            | WEIWEN DENG                                                                         | Declaration dated | _____             |
| Residence            | ROCHESTER HILLS, MICHIGAN                                                           |                   | <u>09/10/2010</u> |

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : NIKOLAI K. MOSHCHUK Declaration dated :

Residence : GROSSE POINTE, MICHIGAN \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : BAKHTIAR BRIAN LITKOUHI Declaration dated :

Residence : WASHINGTON, MICHIGAN \_\_\_\_\_