

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
|---|---------------------------------------|---------------|---------------------------------------|------------------------|------------------------------------|--------------------------|----------------|--------------------|------------|-----------------------|------------|---------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Thomas K. Lockwood</td> <td>05/06/2010</td> </tr> <tr> <td>Darren L. Bohne</td> <td>05/04/2010</td> </tr> <tr> <td>Michael G. Leffert</td> <td>05/07/2010</td> </tr> <tr> <td>Rajneesh K. Singh</td> <td>05/04/2010</td> </tr> <tr> <td>Jason W. Guenzel</td> <td>05/04/2010</td> </tr> </tbody> </table> | | Name | Execution Date | Thomas K. Lockwood | 05/06/2010 | Darren L. Bohne | 05/04/2010 | Michael G. Leffert | 05/07/2010 | Rajneesh K. Singh | 05/04/2010 | Jason W. Guenzel | 05/04/2010 |
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| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>GM Global Technology Operations, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>300 Renaissance Center, PO Box 300</td> </tr> <tr> <td>Internal Address:</td> <td>MC 482-C23-B21</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, PO Box 300 | Internal Address: | MC 482-C23-B21 | City: | Detroit | State/Country: | MICHIGAN | Postal Code: | 48265-3000 |
| Name: | GM Global Technology Operations, Inc. | | | | | | | | | | | | |
| Street Address: | 300 Renaissance Center, PO Box 300 | | | | | | | | | | | | |
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| City: | Detroit | | | | | | | | | | | | |
| State/Country: | MICHIGAN | | | | | | | | | | | | |
| Postal Code: | 48265-3000 | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12781253</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12781253 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 12781253 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| <p>Fax Number: (734)542-9569</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 734 542 0900</p> <p>Email: east@mstfirm.com</p> <p>Correspondent Name: MacMillan, Sobanski & Todd, LLC</p> <p>Address Line 1: 720 Water Street</p> <p>Address Line 2: One Maritime Plaza, Fifth Floor</p> <p>Address Line 4: Toledo, OHIO 43604</p> | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | P010166(17737) | | | | | | | | | | | | |

CH \$40.00 12781253

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PATENT
REEL: 024394 FRAME: 0536

NAME OF SUBMITTER:

Renee D. East

Total Attachments: 3

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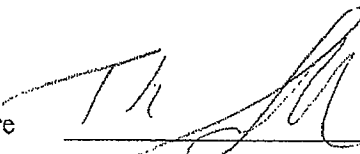
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ASSIGNMENT

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 P010166-NAPD-LCH entitled

GRILLE AIRFLOW SHUTTER SYSTEM WITH DISCRETE SHUTTER CONTROL

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney DONALD A. WILKINSON to insert the application number and filing date of said application here in parentheses (12/781253 filed May 17, 2010) when known.

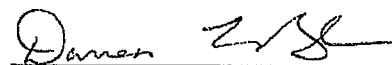
Inventor's signature  Date 06 MY 2010

Full name : THOMAS K. LOCKWOOD

Declaration dated :

Residence : FENTON, MICHIGAN

06 MY 2010


Inventor's signature 

Date 5/4/2010

Full name : DARREN L. BOHNE

Declaration dated :

Residence : FRASER, MICHIGAN

Inventor's signature 

Date 5/7/10

Full name : MICHAEL G. LEFFERT

Declaration dated :

Residence : HOWELL, MICHIGAN

Inventor's signature _____

Date _____

Full name : RAJNEESH K. SINGH

Declaration dated :

Residence : PERRY HALL, MARYLAND

ASSIGNMENT

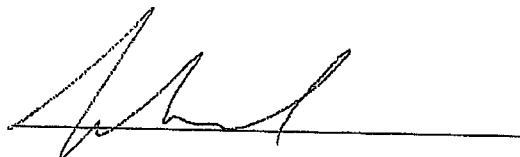
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| | | | |
|----------------------|----------------------|---------------------|-----------------|
| Inventor's signature | _____ | Date | _____ |
| Full name : | THOMAS K. LOCKWOOD | Declaration dated : | _____ |
| Residence : | FENTON, MICHIGAN | | _____ |
| Inventor's signature | _____ | Date | _____ |
| Full name : | DARREN L. BOHNE | Declaration dated : | _____ |
| Residence : | FRASER, MICHIGAN | | _____ |
| Inventor's signature | _____ | Date | _____ |
| Full name : | MICHAEL G. LEFFERT | Declaration dated : | _____ |
| Residence : | HOWELL, MICHIGAN | | _____ |
| Inventor's signature | <u>RK Singh</u> | Date | <u>05/04/10</u> |
| Full name : | RAJNEESH K. SINGH | Declaration dated : | _____ |
| Residence : | PERRY HALL, MARYLAND | | <u>05/04/10</u> |

Inventor's signature



Date

5/4/2010

Full name :

JASON W. GUENZEL

Declaration dated :

Residence :

MILFORD, MICHIGAN

PATENT