504359340 05/10/2017

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| DORU N. SERBAN | 05/03/2017 |
| PRINCESS LEN CARLOS | 05/02/2017 |

RECEIVING PARTY DATA

| Name: | GM GLOBAL TECHNOLOGY OPERATIONS LLC |
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| State/Country: | MICHIGAN |
| Postal Code: | 48265-3000 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15589224 |

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| ATTORNEY DOCKET NUMBER: P040358-US-NP/GM4701PUS | |
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| NAME OF SUBMITTER: | CHRISTINE M. SYCK |
| SIGNATURE: | /Christine M. Syck/ |
| DATE SIGNED: | 05/10/2017 |

Total Attachments: 2

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PATENT 504359340 REEL: 042314 FRAME: 0102

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 P040358-US-NP entitled

FOREIGN OBJECT DETECTION SYSTEMS AND CONTROL LOGIC FOR VEHICLE COMPARTMENT CLOSURE ASSEMBLIES

| Inventor's signature | 47-500-00-00-00-00-00-00-00-00-00-00-00-00 | Date |
|----------------------|--|---------------|
| Full name: | DORU N. SERBAN | |
| Residence: | RICHMOND HILL, CANADA | |
| Inventor's signature | Landon | Date 5/2/2017 |
| Full name: | PRINCESS LEN CARLOS | |
| Residence: | STERLING HEIGHTS, MICHIGAN | |

PATENT REEL: 042314 FRAME: 0103

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 P040358-US-NP entitled

FOREIGN OBJECT DETECTION SYSTEMS AND CONTROL LOGIC FOR VEHICLE COMPARTMENT CLOSURE ASSEMBLIES

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 72823 to insert the application number and filing date of said application here in parentheses (15 589224 filed 08 - MAY - 2017) when known.

| Inventor's signature | Mou | Date 05/05/2017 |
|----------------------|----------------------------|-----------------|
| Full name: | DORU N. SERBAN | |
| Residence: | RICHMOND HILL, CANADA | |
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PATENT REEL: 042314 FRAME: 0104

RECORDED: 05/10/2017