503457627 08/28/2015

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------------|----------------|
| SCOTT WILLIAM HEITZENRATER | 08/25/2015 |
| HUAXIN LI | 08/25/2015 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14837075 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | P031898-PTUS-DLT |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | RAYMOND J. VIVACQUA |
| SIGNATURE: | /RaymondJVivacqua/ |
| DATE SIGNED: | 08/28/2015 |

Total Attachments: 1

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PATENT 503457627 REEL: 036448 FRAME: 0584

P031898-PTUS-DLT, Page 1 Customer No.: 76438

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 P031898-PTUS-DLT entitled

MULTI-GRADE ALUMINUM LASER WELDED CLUTCH COMPONENTS

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 76438 to insert the application number and filing date of said application here in parentheses $(\frac{14/837}{0.075})$ filed $(\frac{8/27/15}{0.000})$ when known.

If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows:

Inventor's signature

Inventor's signature

Full name:

Scott William Heitzenrater

Residence: Orion, MI

in the state of th

Full name: Huaxin Li

Residence: Rochester Hills, MI

PATENT REEL: 036448 FRAME: 0585

RECORDED: 08/28/2015