11/02/2017 504624428

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID R. SIGLER	10/20/2017
BLAIR E. CARLSON	10/27/2017
MICHAEL J. KARAGOULIS	10/20/2017

RECEIVING PARTY DATA

Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC
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Internal Address:	MAIL CODE 482-C23-B21; P.O. BOX 300
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State/Country:	MICHIGAN
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15491566

CORRESPONDENCE DATA

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GENERAL MOTORS CORPORATION C/O REISING E **Correspondent Name:**

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ATTORNEY DOCKET NUMBER: P029618-US-NP	
NAME OF SUBMITTER:	MICHAEL J. DRUZINSKI
SIGNATURE:	/Michael J. Druzinski/
DATE SIGNED:	11/02/2017

Total Attachments: 1

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PATENT REEL: 044020 FRAME: 0083 504624428

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 P029618-US-NP entitled

RESISTANCE SPOT WELDING OF ALUMINUM-TO-ALUMINUM, ALUMINUM-TO-STEEL, AND STEEL-TO- STEEL IN A SPECIFIED SEQUENCE AND USING A COVER

which has serial number 15/491,566 and a filing date of April 19, 2017.

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

US Provisional Seria	INo:Filed:		
62/324,398	19-APR-2016		
Inventor's signature Full name:	David R. Sigler	Date_	10/20/17
Residence:	SHELBY TOWNSHIP, MICHIGAN		
Inventor's signature Full name:	Blair E. Carlson	Date_	10/27/2012
Residence:	ANN ARBOR, MICHIGAN		
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Residence:	OKEMOS, MICHIGAN		

PATENT REEL: 044020 FRAME: 0084

RECORDED: 11/02/2017