

PATENT ASSIGNMENT

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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>Wayne W. Cai</td><td>06/13/2008</td></tr><tr><td>Robert Bruce Tilove</td><td>06/16/2008</td></tr><tr><td>Gopalakrishna Shastry</td><td>06/16/2008</td></tr></tbody></table>		Name	Execution Date	Wayne W. Cai	06/13/2008	Robert Bruce Tilove	06/16/2008	Gopalakrishna Shastry	06/16/2008
Name	Execution Date								
Wayne W. Cai	06/13/2008								
Robert Bruce Tilove	06/16/2008								
Gopalakrishna Shastry	06/16/2008								
RECEIVING PARTY DATA									
Name:	GM Global Technology Operations, Inc.								
Street Address:	P.O. Box 300								
Internal Address:	Mail Code 482-C23-B21								
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>12178689</td></tr></tbody></table>		Property Type	Number	Application Number:	12178689				
Property Type	Number								
Application Number:	12178689								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	P002168-RD-MJL / GM1422								
NAME OF SUBMITTER:	Christopher W. Quinn								
Total Attachments: 2 source=Assignment_P002168#page1.tif									

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PATENT
REEL: 021284 FRAME: 0483

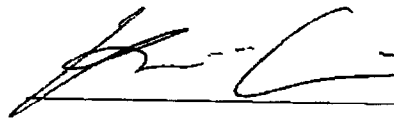
ASSIGNMENT

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 P002168-RD-MJL entitled

A METHOD OF OPTIMIZING WELD DESIGN FOR CONCURRENT CONSIDERATION OF PERFORMANCE AND MANUFACTURING REQUIREMENTS

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney MYRON J. LLOYD to insert the application number and filing date of said application here in parentheses (12/178,689 filed 24 July 2008) when known.

Inventor's signature



Date 6/13/08

Full name :

WAYNE W. CAI

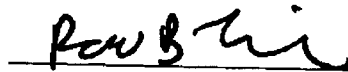
Declaration dated :

Residence :

TROY, MICHIGAN

6/13/08

Inventor's signature



Date 6/16/08

Full name :

ROBERT BRUCE TILOVE

Declaration dated :

Residence :

ROCHESTER HILLS, MI

6/16/08

Inventor's signature



Date _____

Full name :

GOPALAKRISHNA SHASTRY

Declaration dated :

Residence :

BANGALORE, KARNATAKA

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Inventor's signature _____ Date _____

Full name : WAYNE W. CAI Declaration dated :

Residence : TROY, MICHIGAN _____

Inventor's signature _____ Date _____

Full name : ROBERT BRUCE TILOVE Declaration dated :

Residence : ROCHESTER HILLS, MI _____

Inventor's signature *(E. Shastri)* Date 16, June, 2008

Full name : GOPALAKRISHNA SHASTRY Declaration dated :

Residence : BANGALORE, KARNATAKA 16, June, 2008