

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jason C.H. Tang	03/03/2011
Wayne W. Cai	03/04/2011
RECEIVING PARTY DATA	
Name:	GM Global Technology Operations LLC
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Internal Address:	M/C 482-C23-B21
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State/Country:	MICHIGAN
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13039979
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ATTORNEY DOCKET NUMBER:	P013443-BAT-CHE
NAME OF SUBMITTER:	John A. Miller
Total Attachments: 2 source=P013443_assignment#page1.tif source=P013443_assignment#page2.tif	


CH \$40.00 13039979

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 P013443-BAT-CHE entitled

MULTI-MODE ULTRASONIC WELDING CONTROL AND OPTIMIZATION

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorneys JOHN A. MILLER and CHARLES H. ELLERBROCK to insert the application number and filing date of said application here in parentheses (13/039,979 filed March 3, 2011) when known.

Inventor's signature		Date <u>3/3/2011</u>
Full name :	JASON C.H. TANG	Declaration dated :
Residence :	STERLING HEIGHTS, MICHIGAN	<u>3/3/2011</u>
Inventor's signature	_____	Date _____
Full name :	WAYNE W. CAI	Declaration dated :
Residence :	TROY, MICHIGAN	_____

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 P013443-BAT-CHE entitled


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for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorneys JOHN A. MILLER and CHARLES H. ELLERBROCK to insert the application number and filing date of said application here in parentheses (13/039,979 filed March 3, 2011) when known.

Inventor's signature _____ Date _____

Full name : JASON C.H. TANG Declaration dated :

Residence : STERLING HEIGHTS, MICHIGAN _____

Inventor's signature  _____ Date 3/4/2011

Full name : WAYNE W. CAI Declaration dated :

Residence : TROY, MICHIGAN _____ 3/4/2011