

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Curt Douglas Campbell	03/30/2011
Neil Gordon Murray, Jr.	02/15/2011
Dion Parker	02/15/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TRW Automotive U.S. LLC
<b>Street Address:</b>	12001 Tech Center Drive
<b>City:</b>	Livonia
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48150
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13002696
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)621-4072
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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<b>Correspondent Name:</b>	Barry L. Tummino
<b>Address Line 1:</b>	1300 East Ninth Street, Suite 1700
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<b>ATTORNEY DOCKET NUMBER:</b>	TE-018495-US-PCT
<b>NAME OF SUBMITTER:</b>	Barry L. Tummino
<b>Total Attachments: 2</b> source=TE018495USPCTAssign#page1.tif source=TE018495USPCTAssign#page2.tif	

OP \$40.00 13002696

**PATENT**

**501485720**

**REEL: 026052 FRAME: 0474**

ASSIGNMENT

WHEREAS, we, Curt Douglas Campbell, Neil Gordon Murray, Jr., and Dion Parker, of Farmington Hills, County of Oakland and State of Michigan; of Wixom, County of Oakland, and State of Michigan; and of Livonia, County of Wayne and State of Michigan, respectively, have made new and useful improvements in **METHOD AND APPARATUS FOR PACKAGING CRASH SENSORS**; for which application for Letters Patent of the United States has been filed on January 5, 2011, under Serial No. 13/002,696; and

WHEREAS, TRW Automotive U.S. LLC, a limited liability company duly organized and existing under the laws of the State of Delaware; having a place of business at Livonia, County of Wayne, State of Michigan, is desirous of acquiring the entire right, title and interest in and to the said improvements and all patents therefor to be obtained in the United States of America and countries foreign to the United States;

NOW THEREFORE, BE IT KNOWN that for valuable considerations to us paid, the receipt whereof is hereby acknowledged, we, the said Curt Douglas Campbell, Neil Gordon Murray, Jr., and Dion Parker do hereby assign, sell and set over unto the said TRW Automotive U.S. LLC its successors or assigns, the entire right, title and interest in and to the said improvements and any and all inventions pertaining thereto, said application Serial No. 13/002,696, for the United States patent, all patents granted therefor in the United States of America and elsewhere, and the right to apply for patents therefor in all countries foreign to the United States and to claim for such applications the priority of United States applications, and we hereby request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents, to issue such patents to the said TRW Automotive U.S. LLC its successors or assigns; and we further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said TRW Automotive U.S. LLC its successors or assigns in order to fully secure, protect and preserve its rights to the said improvements and to obtain patents therefor in the United States of America and all countries foreign to the United States, all without further consideration but at the expense of the said TRW Automotive U.S. LLC its successors or assigns.

Signed at *Farmington Hills*  
County of *Oakland* and State of *Michigan*  
This *30<sup>th</sup>* day of *March*, 20 *11*

*Curt Douglas Campbell*  
Curt Douglas Campbell

STATE OF *Michigan* )  
COUNTY OF *Oakland* )

On this *30* day of *March*, 20 *11*  
Personally appeared before me Curt Douglas Campbell to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

*Barbara Hulme*  
Notary Public

BARBARA HULME  
NOTARY PUBLIC WAYNE CO., MI.  
MY COMMISSION EXPIRES FEB. 6, 2012

Signed at Farmington Hills  
County of Oakland and State of Michigan  
This 15<sup>th</sup> day of February, 2011.

Neil Gordon Murray Jr.  
Neil Gordon Murray Jr.

STATE OF Michigan  
COUNTY OF Oakland

On this 15<sup>th</sup> day of Feb, 2011.  
Personally appeared before me Neil Gordon Murray Jr. to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Barbara Hulme  
Notary Public

BARBARA HULME  
NOTARY PUBLIC WAYNE CO., MI  
MY COMMISSION EXPIRES FEB. 6, 2012

Signed at Farmington Hills  
County of Oakland and State of Michigan  
This 15<sup>th</sup> day of February, 2011.

Dion Parker  
Dion Parker

STATE OF Michigan  
COUNTY OF Oakland

On this 15<sup>th</sup> day of Feb, 2011.  
Personally appeared before me Dion Parker to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Barbara Hulme  
Notary Public

BARBARA HULME  
NOTARY PUBLIC WAYNE CO., MI  
MY COMMISSION EXPIRES FEB. 6, 2012