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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ				
		Name		Execution Date	
JONATHAN RICHARD	YOUNG			04/12/2012	
RECEIVING PARTY DA					
Name:	TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.				
Street Address:	25 ATLANTIC AVENUE				
City:	ERLANGER				
State/Country:	KENTUCKY				
Postal Code:	41018	41018			
Application Number:	14	4458843			
PROPERTY NUMBERS Total: ⁻ Property Type		Number			
CORRESPONDENCE D	ΑΤΑ				
Fax Number:	(5	513)977-8141			
Correspondence will b	e sent to t	he e-mail address first; if that i			
using a fax number, if	provided;	if that is unsuccessful, it will b			
using a fax number, if	provided; 51				
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<i>using a fax number, if </i> Phone: Email:	provided; i 51 eli Dl	<i>if that is unsuccessful, it will b</i> 13-977-8200 lise.merkel@dinsmore.com			
<i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:	provided; 1 51 eli DI 25	<i>if that is unsuccessful, it will b</i> 13-977-8200 lise.merkel@dinsmore.com INSMORE & SHOHL LLP			
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ASSIGNMENT

WHEREAS, I, Jonathan Richard Young of 457 Corinth Circle, Dundee, Michigan 48131, invented certain new and useful Impact Protection Structures for Vehicles and Vehicles Incorporating the Same for which I executed an application for a United States Patent and for which said application for United States Patent was filed on <u>April 13, 2012</u>, under

A Patent Application Serial No. <u>13/446,781</u>

X Attorney Docket No. <u>22562-544/2011-057</u>;

WHEREAS, I hereby authorize and request the attorney(s) and/or agent(s) empowered to act on **Toyota Motor Engineering & Manufacturing North America**, Inc.'s behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

AND WHEREAS, Toyota Motor Engineering & Manufacturing North America, Inc, a corporation of the State of Kentucky, with a place of business at 25 Atlantic Avenue, Erlanger, KY 41018, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, I hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and I hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and I hereby authorize said Assignee, its successors and assigns; and I hereby authorize in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and I hereby agree that, upon request, I will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or relssued thereon.

Date: Apr. 112,2012

Jonathan Richard Young

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RECORDED: 07/14/2017