

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3396124

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHEK-PENG FOO	05/29/2015
HUAHN-FERN YEH	05/07/2015
PAUL LEO SUMNER	05/07/2015
RAYMOND DAVID	05/07/2015
KEVIN DANIEL WEISS	05/07/2015
LILA GHANNAM	05/07/2015
MENGFU TSAI	05/07/2015
RECEIVING PARTY DATA	
Name:	TRW AUTOMOTIVE U.S. LLC
Street Address:	12001 TECH CENTER DRIVE
City:	LIVONIA
State/Country:	MICHIGAN
Postal Code:	48150
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	61734129
PCT Number:	US1372785
CORRESPONDENCE DATA	
Fax Number:	(216)621-4072
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Email:	jwolfe@tarolli.com
Correspondent Name:	BARRY L. TUMMINO
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Address Line 2:	SUITE 1700
Address Line 4:	CLEVELAND, OHIO 44114
ATTORNEY DOCKET NUMBER:	TE-021851 US PCT
NAME OF SUBMITTER:	BARRY L. TUMMINO
SIGNATURE:	/Barry L. Tummino/

PATENT

DATE SIGNED:	06/15/2015
Total Attachments: 4 source=14437083 ASSIGN#page1.tif source=14437083 ASSIGN#page2.tif source=14437083 ASSIGN#page3.tif source=14437083 ASSIGN#page4.tif	

ASSIGNMENT

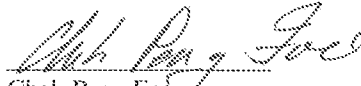
WHEREAS, We, **Chek-peng Foo**, of Ann Arbor, County of Washtenaw, and State of Michigan; **Huahn-fern Yeh**, of Terra Del Mar, County of Oakland, and State of Michigan; **Paul Leo Sumner**, of Farmington Hills, County of Oakland, and State of Michigan; **Raymond David**, of Dearborn Heights, County of Wayne, and State of Michigan; **Kevin Daniel Weiss**, of Royal Oak, County of Oakland, and State of Michigan; **Lila Ghannam**, of Northville, County of Wayne, and State of Michigan; and **Mengfu Tsai**, of Ann Arbor, County of Washtenaw, and State of Michigan; have made new and useful improvements in **METHOD AND APPARATUS FOR CONTROLLING AN ACTUATABLE RESTRAINING DEVICE USING MULTI-REGION ENHANCED DISCRIMINATION**; for which a U.S. Provisional Patent Application Serial No. **61/734,129**, has been filed on **December 6, 2012**; an International Application No. **PCT/US2013/072785**, has been filed on **December 3, 2013** and for which an application for Letters Patent of the United States, under Serial No. **14/437,083** has been filed on **April 20, 2015**;

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 12001 Tech Center Drive, Livonia, MI 48150, 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 **Chek-peng Foo, Huahn-fern Yeh, Paul Leo Sumner, Raymond David, Kevin Daniel Weiss, Lila Ghannam and Mengfu Tsai**, 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 Provisional Application Serial No. **61/734,129**, filed **December 6, 2012**; International Application No. **PCT/US2013/072785**; filed **December 3, 2013** and U.S. Serial No **14/437,083**, filed **April 20, 2015**, 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 the U.S. Provisional Patent Application, the International Application and the United States Letters Patent application, 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 29th day of MAY, 2015.


Chek-Peng Foo

STATE OF Michigan)
COUNTY OF Oakland)

On this 29 day of May, 2015.

Personally appeared before me Chek-peng Foo 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.

NOTARY PUBLIC WAYNE CO., MI.
MY COMMISSION EXPIRES FEB. 6, 2018

Barbara Malone
Notary Public

Signed at Farmington Hills County of Oakland and State of Michigan

This 7 day of May, 2015.

Huahn-fern Yeh
Huahn-fern Yeh

STATE OF Michigan

COUNTY OF Oakland

On this 7 day of May, 2015.

Personally appeared before me Huahn-fern-Yeh 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.

NOTARY PUBLIC WAYNE CO., MI.
MY COMMISSION EXPIRES FEB. 6, 2018

Barbara Malone
Notary Public

Signed at Farmington Hills County of Oakland and State of Michigan

This 7 day of May, 2015.

Paul Leo Sumner
Paul Leo Sumner

STATE OF Michigan

COUNTY OF Oakland

On this 7 day of May, 2015.

Personally appeared before me Paul Leo Sumner 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.

NOTARY PUBLIC WAYNE CO., MI.
MY COMMISSION EXPIRES FEB. 6, 2018

Barbara Malone
Notary Public

PATENT

REEL: 035834 FRAME: 0854

Signed at FARMINGTON HILLS County of OAKLAND and State of MICHIGAN

This 7th day of MAY, 2015.


Raymond David


STATE OF Michigan

COUNTY OF Oakland

On this 7 day of May, 2015.

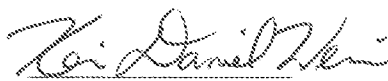
Personally appeared before me **Raymond David** to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

BARBARA HULME
NOTARY PUBLIC WAYNE CO., MI.
MY COMMISSION EXPIRES FEB. 6, 2018


Notary Public

Signed at FARMINGTON HILLS County of OAKLAND and State of MICHIGAN

This 7th day of MAY, 2015.


Kevin Daniel Weiss

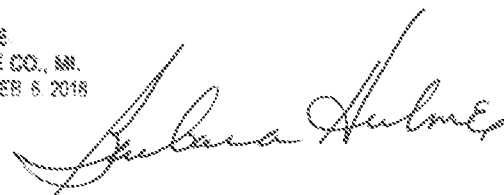
STATE OF Michigan

COUNTY OF Oakland

On this 7 day of May, 2015.

Personally appeared before me **Kevin Daniel Weiss** 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 WAYNE CO., MI.
MY COMMISSION EXPIRES FEB. 6, 2018



Signed at Farmington Hills County of Oakland and State of Michigan

This 7th day of May, 2015.

Lila Ghannam
Lila Ghannam

STATE OF

COUNTY OF

On this 7 day of May, 2015.

Personally appeared before me Lila Ghannam 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 WAYNE CO., MI.
MY COMMISSION EXPIRES FEB. 6, 2018

Barbara Hulme
Notary Public

Signed at Farmington Hills County of Oakland and State of Michigan

This 7 day of May, 2015.

Mengfu Tsai
Mengfu Tsai

STATE OF

COUNTY OF

On this 7 day of May, 2015.

Personally appeared before me Mengfu Tsai 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 WAYNE CO., MI.
MY COMMISSION EXPIRES FEB. 6, 2018

Barbara Hulme
Notary Public