

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4684235

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARCO BRACALENTE	07/25/2017
NEIL G. MURRAY JR.	07/25/2017
MARK W. RAMSAY	11/10/2017
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: 1	
Property Type	Number
Application Number:	15632545
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	PSE-026525 US PRI
NAME OF SUBMITTER:	MATTHEW M. SHAHEEN
SIGNATURE:	/Matthew M. Shaheen/
DATE SIGNED:	11/10/2017
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, we, **Marco Bracalente** of Novi, County of Oakland, and State of Michigan; **Neil G. Murray, Jr.** of Wixom, County of Oakland, and State of Michigan; and **Mark W. Ramsay** of Livonia, County of Wayne, and State of Michigan have made new and useful improvements in **SYSTEM FOR SENSING VEHICLE CONDITIONS**; for which a U.S. Patent Application Serial No. 15/632,545 has been filed on June 26, 2017.

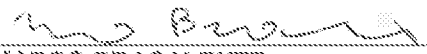
WHEREAS, TRW Automotive U.S. LLC ("TRWA"), a limited liability company organized and existing under the laws of the State of Delaware, United States of America, and having offices at 12001 Tech Center Drive, Livonia, MI, 48150 is desirous of acquiring the entire right, title and interest in and to the 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 **Marco Bracalente, Neil G. Murray, Jr. and Mark W. Ramsay**, do hereby assign, sell and set over unto the said TRWA, their successors or assigns, the entire right, title and interest in and to the said improvements and any and all inventions pertaining thereto, U.S. Serial No. 15/632,545 for the corresponding United States non-provisional patent application, 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 TRWA, their 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 TRWA, their 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 TRWA, their successors or assigns.

Signed at Farmington Hills (City)

County of Oakland and State of Michigan

This 25 day of July, 2017.

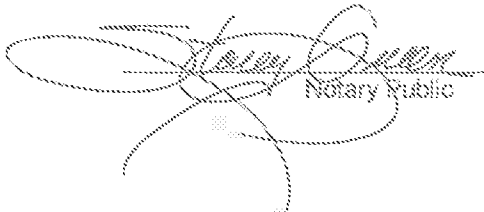

MARCO BRACALENTE

STATE OF Michigan)
COUNTY OF Oakland)

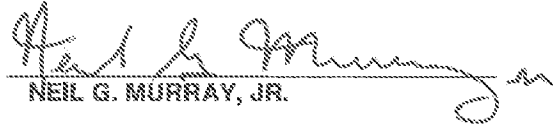
STACEY QUEEN
NOTARY PUBLIC, STATE OF MI
COUNTY OF OAKLAND
MY COMMISSION EXPIRES Nov 6, 2022
ACTING IN COUNTY OF Oakland

On this 25 day of July, 2017.

Personally appeared before me **Marco Bracalente** 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

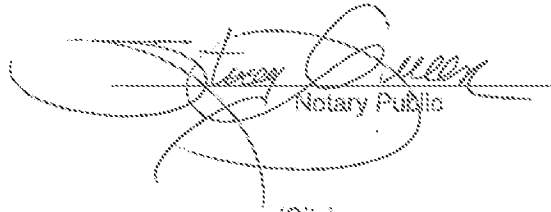
Signed at Farmington Hills (City)
County of Oakland and State of Michigan
This 25 day of July, 2017.


NEIL G. MURRAY, JR.

STATE OF Michigan)
COUNTY OF Oakland)

STACEY QUEEN
NOTARY PUBLIC, STATE OF MI
COUNTY OF OAKLAND
MY COMMISSION EXPIRES Nov 6, 2022
ACTING IN COUNTY OF Oakland

On this 25 day of July, 2017.
Personally appeared before me Neil G. 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.


Notary Public

Signed at _____ (City)
County of _____ and State of _____
This ____ day of _____, 2017.

MARK W. RAMSAY

STATE OF _____)
COUNTY OF _____)

On this ____ day of _____, 2017.
Personally appeared before me Mark W. Ramsay 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

Signed at _____ (City)

County of _____ and State of _____

This ____ day of _____, 2017.

NEIL G. MURRAY, JR.

STATE OF _____)
COUNTY OF _____)

On this ____ day of _____, 2017.

Personally appeared before me Neil G. 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.

Notary Public

Signed at Farmington Hills (City)

County of Oakland and State of Michigan

This 10 day of November, 2017.

Mark W. Ramsay
MARK W. RAMSAY

STATE OF Michigan)
COUNTY OF Oakland)

On this 10 day of November, 2017.

Personally appeared before me Mark W. Ramsay 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.

Steph S. Quinn
Notary Public

My Commission Ends
6 NOV 2022