

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Paul Lumley</td> <td>02/17/2009</td> </tr> <tr> <td>Mike Blossfeld</td> <td>02/17/2009</td> </tr> <tr> <td>Luis Fernando Sanchez</td> <td>02/17/2009</td> </tr> </tbody> </table>		Name	Execution Date	Paul Lumley	02/17/2009	Mike Blossfeld	02/17/2009	Luis Fernando Sanchez	02/17/2009
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Paul Lumley	02/17/2009								
Mike Blossfeld	02/17/2009								
Luis Fernando Sanchez	02/17/2009								
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									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12361839</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12361839				
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Application Number:	12361839								
CORRESPONDENCE DATA									
Fax Number:	(216)621-4072								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	216-621-2234								
Email:	AGalo@Tarolli.com								
Correspondent Name:	Barry L. Tummino								
Address Line 1:	1300 East Ninth Street, Suite 1700								
Address Line 4:	Cleveland, OHIO 44114								
ATTORNEY DOCKET NUMBER:	TRW(TE)-018492 US PRI								
NAME OF SUBMITTER:	Barry L. Tummino								
Total Attachments: 2 source=TRWTE018492USPRIAssign#page1.tif source=TRWTE018492USPRIAssign#page2.tif									

OP \$40.00 12361839

PATENT

500787705

REEL: 022293 FRAME: 0477

ASSIGNMENT

WHEREAS, we, Paul Lumley, Mike Blossfeld, and Luis Fernando Sanchez, of Plymouth, County of Wayne, and State of Michigan; of South Lyon, County of Livingston, and State of Michigan; and of Commerce Township, County of Oakland, and State of Michigan respectively, have made new and useful improvements in **KEYLESS-GO IGNITION SWITCH WITH FAULT BACKUP**; for which application for Letters Patent of the United States has been filed on January 29, 2009, under Serial No.12/361,839; 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 Paul Lumley, Mike Blossfeld, and Luis Fernando Sanchez 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. 12/361,839, 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 17TH day of FEBRUARY, 2009


Paul Lumley
Paul Lumley

STATE OF Michigan)
))
COUNTY OF Oakland)

On this 17th day of Feb, 2009
Personally appeared before me Paul Lumley 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 Helms
Notary Public

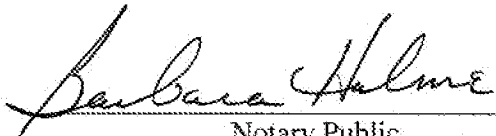
Signed at Farmington Hills
County of Oakland and State of Michigan
This 2-17-09 day of February, 2009


Mike Blossfeld

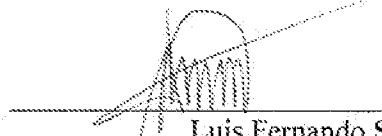
STATE OF Michigan)
COUNTY OF Oakland)

On this 17th day of Feb, 2009
Personally appeared before me Mike Blossfeld 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, 2012


Notary Public

Signed at Farmington Hills
County of Oakland and State of Michigan
This 17 day of February, 2009


Luis Fernando Sanchez

STATE OF Michigan)
COUNTY OF Oakland)

On this 17th day of Feb, 2009
Personally appeared before me Luis Fernando Sanchez 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

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