

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dino Bortolin	10/01/2008
RECEIVING PARTY DATA	
Name:	TRW Automotive U.S. LLC
Street Address:	24175 Research Drive
City:	Farmington Hills
State/Country:	MICHIGAN
Postal Code:	48335
Name:	Michelin Recherche et Technique S.A.
Street Address:	Route Louis Braille 10
City:	Granges-Paccot
State/Country:	SWITZERLAND
Postal Code:	1763
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12237644
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	TRW(TE)-018697 US PRI

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REEL: 021760 FRAME: 0095

NAME OF SUBMITTER:

Barry L. Tummino

Total Attachments: 1

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ASSIGNMENT

WHEREAS, I, Dino Bortolin of 5755 Cabot Avenue, LaSalle, Ontario, Canada N9H 1L9, respectively, have made new and useful improvements in **METHOD AND APPARATUS FOR DETECTING A CONTINUOUS LF WAVE SIGNAL**; for which application for Letters Patent of the United States has been filed on September 25, 2008 under Serial No. 12/237,644;

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 24175 Research Drive, Farmington Hills, MI, and MICHELIN Recherche et Technique S.A. ("MRT"), a Swiss corporation having a place of business at Route Louis Braille 10, 1763 Granges-Paccot, Switzerland are 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 me paid, the receipt whereof is hereby acknowledged, I, the said Dino Bortolin, do hereby assign, sell and set over unto the said TRWA and MRT, their 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. 12/237,644 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 I 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 jointly to the said TRWA and MRT, their successors or assigns; and I further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said TRWA and MRT, 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 and MRT, their successors or assigns.

Executed this 15th day of October, 2008

Dino Bortolin
Dino Bortolin

Witnessed:

Jean Jones
Name: JEAN JONES
Title: ADMINISTRATIVE ASST.

October 2, 2008
Date

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