

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ulrich Backes	10/15/2009
RECEIVING PARTY DATA	
Name:	TRW Automotive Electronics & Components GmbH
Street Address:	Industriestrasse 2-8
City:	Radolfzell
State/Country:	GERMANY
Postal Code:	78315
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12620622
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	TRW(AEC)019426-ORD
NAME OF SUBMITTER:	JAMES L. TAROLLI
Total Attachments: 1 source=TRWAEC019426ASSIGNMENT#page1.tif	

OP \$40.00 12620622

A S S I G N M E N T

WHEREAS, I,

Ulrich Backes, Lessingstrasse 1/1, 78315 Radolfzell, Germany

have made new and useful improvements in a

Optical Sensor Device

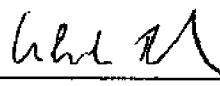
WHEREAS, TRW Automotive Electronics & Components GmbH, a corporation duly organized and existing under the laws of the Federal Republic of Germany, having a place of business at Industriestrasse 2-8,, 78315 Radolfzell, Federal Republic of Germany, is desirous of acquiring the entire right, title, and 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 me paid, the receipt whereof is hereby acknowledged, I, the said

Ulrich Backes,

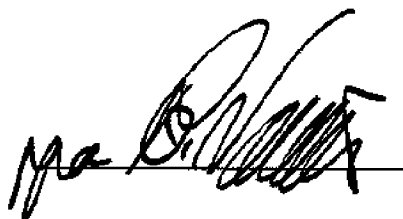
do hereby assign, sell and set over unto the said TRW Automotive Electronics & Components GmbH, its successors or assigns; the entire right, title and interest in and to the aforesaid improvements and any and all inventions pertaining thereto, the application for United States patent executed by me on the 15th day of October, 2009, 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 to the said TRW Automotive Electronics & Components GmbH, its 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 TRW Automotive Electronics & Components GmbH, its successors or assigns in order fully to 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 Electronics & Components GmbH, its successors or assigns.

Executed this 14 day of October, 2009



Ulrich Backes

Witnessed:



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