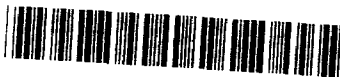


05-15-2009



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U.S. Department of Commerce
Patent and Trademark Office

OUR FILE TRW(AEC)019138-ORD

To the Honorable Commissioner of

attached original documents or copy thereof.

1. Name of conveying party(ies)/Execution Dates:

Dr. Ulrich Backes

Execution Date(s): April 20, 2009

Additional name(s) of conveying party(ies) attached Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other: _____

2. Name and address of receiving party(ies):

Name: TRW Automotive Electronics & Components GmbH

Internal Address: _____

Industriestrasse 2-8, 78315 Radolfzell, GERMANY

Street Address: _____

City: _____ State: _____ Zip: _____

Additional name(s) and address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is April 20, 2009

A Patent Application No.(s):
filed

B. Patent No.(s):

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: JAMES L. TAROLLI, ESQ.

Internal Address: Tarolli, Sundheim, Covell,
& Tummino L.L.P.

Street Address: 1300 East Ninth Street, Suite 1700

City: Cleveland State: OH Zip: 44114-1400

Phone Number: (216) 621-2234

Fax Number: (216) 621-4072

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 1.21(h) & 3.41)..... \$40.00

- Enclosed is a check for the amount indicated above.
- Authorized to be charged to deposit account.
- Authorized to be charged by credit card
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card: Last 4 Numbers _____
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Authorized User: _____

b. Deposit Account No.: 20-0090
(charge for insufficient fees only)

(Attach duplicate copy of this page if paying by deposit account)

9. Signature:

JAMES L. TAROLLI
Name of Person Signing
Reg. No. 36,029

James L. Tarolli
Signature

May 5, 2009
Date

Total number of pages including cover sheet, attachments, and document: 2

Mail Documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington D.C. 20231

05/06/2009 WABDEL1 00000016 12387604

04 FC:8021

40.00 DP

A S S I G N M E N T

WHEREAS, I,

Dr. Ulrich BACKES
Lessingstrasse 1/1
78315 Radolfzell, Germany

have made new and useful improvements in a

Optical Sensor Device for Detecting Ambient Light

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 Dr. 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 20th day of April, 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 20th day of April, 2009

Dr. Ulrich Backes
Dr. Ulrich BACKES

Witnessed:

Marilda Limb

Ma B. [Signature]