

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robert Kaster	11/23/2004
Darin Rohrkemper	12/10/2004
Eric Stuckey	12/10/2004
Stefan Knoll	11/23/2004

RECEIVING PARTY DATA

Name:	Robert Bosch Corporation
Street Address:	2800 South 25th Avenue
City:	Broadview
State/Country:	ILLINOIS
Postal Code:	60155-4594

Name:	Robert Bosch GmbH
Street Address:	Postfach 30 02 20
City:	Stuttgart
State/Country:	GERMANY
Postal Code:	D-70442

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11023898

CORRESPONDENCE DATA

Fax Number: (260)460-1700

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 260-424-8000

Email: michelle.davis@bakerd.com

Correspondent Name: Anthony Niewyk/Michelle Davis

Address Line 1: Baker & Daniels

PATENT

500021832

REEL: 015713 FRAME: 0481

CH \$40.00 11023898

Address Line 2:	111 East Wayne Street, Suite 800
Address Line 4:	Fort Wayne, INDIANA 46802

NAME OF SUBMITTER:	Anthony Niewyk
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## ASSIGNMENT

Pursuant to our obligation to Robert Bosch Corporation, (hereinafter referred to as "Assignee"),  
a Delaware corporation having its principal place of business at:

2800 South 25<sup>th</sup> Avenue  
Broadview, Illinois 60155-4594

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged,  
we:

Robert Kaster  
1089 Oxbow Lake Road  
White Lake, MI 48386

Darin Rohrkemper  
13550 Terra Santa Drive  
Sterling Heights, MI 48312

Eric Stuckey  
28856 Aranel St.  
Farmington Hills, MI 48334

Stefan Knoll  
3825 Lone Pine Road #302  
West Bloomfield, Michigan 48323

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and  
assigns, except as set forth below, our entire right, title and interest -

(1) in and to an invention entitled "STEERING ANGLE SENSOR ASSEMBLY  
WITH PULSE WIDTH MODULATED OUTPUT SIGNAL" for which we have executed a  
United States patent application on even date herewith, said United States application being  
assigned U.S. Serial No. \_\_\_\_\_, filed \_\_\_\_\_  
\_\_\_\_\_ (we hereby authorize Assignee to insert the serial number and filing date in the  
preceding blanks);

(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), reissue applications, and international patent applications designating the United States) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted; and

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including patent applications filed under the Patent Cooperation Treaty, the European Patent Convention or any other international treaty, and including the right to claim priority of said United States application, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The foregoing notwithstanding, and in recognition of the fact that Assignee is part of the Bosch group of companies, we hereby assign to Robert Bosch GmbH, a German corporation having a mailing address at Postfach 30 02 20, D-70442 Stuttgart, GERMANY, the limited right to be named as assignee or applicant at the time of publication and at the time of

issue on any applications or patents granted as referred to in foregoing paragraphs (2) and (3). If the right applicable to any such patent application allows an assignee to be the applicant of the patent application, Robert Bosch GmbH shall have the right to be identified as applicant of the patent application and the right to claim priority of said United States application. This limited right granted to Robert Bosch GmbH with respect to any patent application or granted patent shall expire upon the first-occurring of (i) assignment to a third party of any of the above-mentioned rights of Assignee, or (ii) with respect to any particular patent, issue of such patent, and shall be subsequently part of the assignable rights of Assignee. All other rights to said invention, said applications and said patents, U.S. or foreign, including the right under any of said patents to manufacture, use, sell or offer for sale the invention covered by said patents, or to license or permit use of said invention, remain with Assignee and shall be assignable by Assignee without the consent of Robert Bosch GmbH.

Date: November 23, 2004

RT 9LA  
ROBERT KASTER

State of MICHIGAN )

) ss:

County of OAKLAND )

I hereby certify that ROBERT KASTER before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 23 day of NOVEMBER, 2004.

(Notarial Seal)

Gretchen A. McKissack  
Notary Public - My Commission

Expires: JUNE 27, 2011

GRETCHEN A. MCKISSACK  
Notary Public, State of Michigan  
County of Oakland  
My Commission Expires June 27, 2011  
Acting in the County of OAKLAND

Date: 12/10/04

Darin Rohrkemper  
DARIN ROHRKEMPER

State of Michigan )

) ss:

County of Oakland )

I hereby certify that DARIN ROHRKEMPER before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 10 day of December, 2004.

(Notarial Seal)

Manuela Anderson  
Notary Public - My Commission

Expires: Jan 24, 2008

MANUELA ANDERSON  
Notary Public, Macomb County, MI  
My Commission Expires Jan. 24, 2008  
*Acting in Oakland County*

Date: 12/10/04

Eric Stuckey  
ERIC STUCKEY

State of Michigan )

) ss:

County of Oakland )

I hereby certify that ERIC STUCKEY before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 10 day of December, 2004.

(Notarial Seal)

Manuela Anderson  
Notary Public - My Commission

Expires: Jan 24, 2008

MANUELA ANDERSON  
Notary Public, Macomb County, MI  
My Commission Expires Jan. 24, 2008  
*Acting in Oakland County*

Date: November 23, 2004

Stefan Knoll  
STEFAN KNOLL

State of MICHIGAN )

) ss:

County of OAKLAND )

I hereby certify that STEFAN KNOLL before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 23rd day of NOVEMBER, 2004.

(Notarial Seal)

Gretchen A. McKissack  
Notary Public - My Commission

Expires: JUNE 27, 2011

GRETCHEN A. MCKISSACK  
Notary Public, State of Michigan  
County of Oakland  
My Commission Expires June 27, 2011  
Acting in the County of OAKLAND