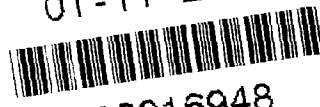


01-11-2005

DT12 Rec'd PCT/PTO 06 AUG 2004  
EET



102916948

8-6-04

To the Director of the US Patent and Trademark Office: Please record the attached original documents or copy thereof

1. Name of conveying party(ies): **Ralf NOLTEMEYER**

Additional name(s) of conveying parties attached?  Yes  
 No

2. Name and address of receiving party(ies)

Name: **Robert Bosch GmbH**  
Internal Address: \_\_\_\_\_  
Street Address: **Postfach 30 02 20**  
City: **D-70442 Stuttgart**  
State: **Federal Republic of Germany**  
ZIP: \_\_\_\_\_

and

Name: **BISHOP Innovation Limited**  
Internal Address: \_\_\_\_\_  
Street Address: **10 Waterloo Road**  
City: **North Ryde NSW 2113**  
State: **Australia**  
ZIP: \_\_\_\_\_

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other: \_\_\_\_\_

Execution date: June 16, 2004

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

4. Application numbers or patent numbers:

Date application executed:

A. Patent Applications:  
**To be assigned**

B. Patent No.(s)

Additional Numbers attached?  Yes  No

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

Name: **Richard L. Mayer**  
Internal Address: **KENYON & KENYON**  
Street Address: **One Broadway**  
City: **New York State: New York** ZIP: **10004**

6. Total number of applications and patents involved: **1**

7. Total fee (37 C.F.R. 3.41) ..... \$ **40.00**  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
**11-0600**

08/11/2004 MKAYPAGH 00000110 110600 10503858

02 FC:8021 40.00 DA

DO NOT USE THIS SPACE

402

9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard L. Mayer (Reg. No. 22,490)  
Name of Person Signing

Signature

Date

Total Number of pages including cover sheet, attachments and document: **4**

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion  
Mail documents to be recorded with required cover sheet information to:

**Mail Stop Assignment Recordation Services  
Director of the US Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0605-0011), Washington, D.C. 20503

**ASSIGNMENT**

WHEREAS, I,

**Ralf NOLTEMEYER**  
**Goethestraße 62**  
**73249 Wernau**  
**Federal Republic of Germany**  
**Citizenship: Federal Republic of Germany**

have made inventions and discoveries in **OPTICAL ANGLE AND TORQUE SENSOR**,  
for which an application for Letters Patent was filed as PCT Application No.

**PCT/EP02/01311** on the **8th day of February, 2002**,

WHEREAS **ROBERT BOSCH GMBH**, having a place of business at  
**Postfach 30 02 20, 70442 Stuttgart, Federal Republic of Germany**, and **BISHOP**  
**Innovation Limited**, having a place of business at **10 Waterloo Road, North Ryde NSW**  
**2113, Australia**, who, together with their successors and assigns, are hereinafter called  
Assignees, are desirous of acquiring the title, rights, benefits, and privileges hereinafter  
recited,

NOW, THEREFORE, for valuable consideration furnished by Assignees to me,  
receipt and sufficiency of which I hereby acknowledge, I hereby, without reservations:

1. Assign, transfer, and convey to Assignees the entire right, title, and interest  
in and to said inventions and discoveries, said applications for Letters Patent of the United  
States of America, any and all other applications for Letters Patent on said inventions and  
discoveries, including all divisional, renewal, substitute, and continuation applications based  
in whole or in part upon said inventions or discoveries, or upon said applications, and any  
and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions  
and discoveries or upon said applications, and every priority right that is or may be  
predicated upon or arise from said inventions, said discoveries, said applications, and said  
Letters Patent.

2. Authorize Assignees to file patent applications in any or all countries for any or all of said inventions and discoveries in my name or in the name of Assignees or otherwise as Assignees may deem advisable, under an International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignees, as assignees of the entire right, title, and interest therein or otherwise as Assignees may direct.

4. Warrant that I have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that I have good right to assign the same to Assignees without encumbrance; and that I am aware of no claim to the contrary.

5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignees' request and at Assignees' expense, but without additional consideration to me or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patent shall be held and enjoyed by Assignees as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignees all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignees; to communicate to Assignees all facts known to me relating to said inventions and discoveries or the history thereof; to furnish Assignees with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of our conception, disclosure, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this

~~X~~ 16 day of ~~7~~ 6, 2004.

  
\_\_\_\_\_  
Ralf NOLTEMEYER