

FORM PTO-1585

RF

06-13-2003

JET



102473169

To the Honorable Commissioner for Patents: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Stefan LAU
 Thomas JUNG
 Heinrich SCHMIDT
 Ralf HOFFMANN
 Achim SCHIER

6.11-03

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: _____

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution dates: December 16, November 20, December 4,
 December 3 and December 3, 2002

4. Application numbers or patent numbers:

10/258,337

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
CUSTOMER NO. 26646

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

06/12/2003 DMYNE 00000211 110600 10258337

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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

Richard L. Mayer
By: Mary E. Wilson
 Signature 10/258,337

6/9/03
 Date

Total Number of pages including cover sheet, attachments and document: 9

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[10191/2813]

ASSIGNMENT

WHEREAS, we,

Stefan LAU
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Ralf HOFFMANN
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31137 Hildesheim
Federal Republic of Germany
Citizenship: Federal Republic of Germany

and

Achim SCHIER
Elly-Heuss-Knapp-Weg 46
31141 Hildesheim
Federal Republic of Germany
Citizenship: Federal Republic of Germany

have made inventions and discoveries in **METHOD OF ROUTE
CALCULATION AND METHOD OF NAVIGATION**, for which an application
for Letters Patent was filed as PCT International Application
No. PCT/DE01/01505, on April 19, 2001, and

WHEREAS **ROBERT BOSCH GMBH**, having a place of
business at **Postfach 30 02 20, 70442 Stuttgart, Federal
Republic of Germany**, and who, together with its successors and
assigns, is hereinafter called "Assignee," is desirous of

acquiring the title, rights, benefits, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent, 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 Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee 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 Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we 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 we have good right to assign

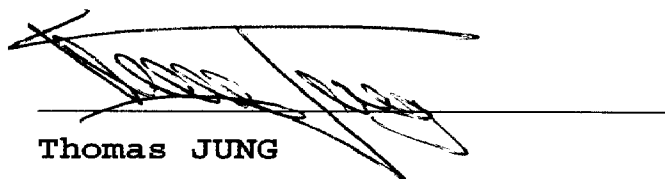
the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee 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 Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, 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 16th day of December, 2002.

Stefan Lau
Stefan LAU

IN TESTIMONY WHEREOF, I have hereunto set my hand
and seal this 20 day of November, 2002.



Thomas JUNG

IN TESTIMONY WHEREOF, I have hereunto set my hand
and seal this 4th day of December, 2002.


Heinrich Schmidt
Heinrich SCHMIDT

IN TESTIMONY WHEREOF, I have hereunto set my hand
and seal this 03 day of December, 2002.



Ralf HOFFMANN

IN TESTIMONY WHEREOF, I have hereunto set my hand
and seal this 03 day of December, 2002.

A handwritten signature in black ink, consisting of stylized, overlapping loops and a long horizontal stroke at the end, positioned above a solid horizontal line.

Achim SCHIER