



01-24-2002



101957239

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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New **10-23-01**

Resubmission (Non-Recordation)

Document ID#

Correction of PTO Error

Reel # Frame #

Corrective Document

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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party (ies)

Mark if additional names of conveying parties attached

Name (line 1)	Execution Date		
	Month	Day	Year
JOACHIM	08	07	2001
ACHT			
Second Party			
Name (line 1)	Execution Date		
	Month	Day	Year
RALF	08	07	2001
SCHIMMEL			

Receiving Party

Mark if additional names of receiving parties are attached

Name (line 1) Mannesmann VDO AG

Name (line 2)

Address (line 1) Kruppstraße 105

Address (line 2) D-60388

Address (line 3) Frankfurt am Main Germany

City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first receiving Party only.

Name Richard A. Speer

Address (line 1) MAYER BROWN & PLATT

Address (line 2) P.O. BOX 2828

Address (line 3) CHICAGO, ILLINOIS 60690-2828

Address (line 4)

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Expires 06/30/99
OMB 0651-0027

Page 2

U.S. Department of Commerce
Patent and Trademark Office

PATENT

Correspondent Name and Address

Area Code and Telephone Number

(312) 701-8605

Name RICHARD J. SPEER

Address (line 1) MAYER, BROWN & PLATT

Address (line 2) P.O. BOX 2828

Address (line 3) CHICAGO, ILLINOIS 60690-2828

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments.

4

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number of the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/916,806

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT

PCT PCT PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:
Deposit Account

Enclosed

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

13 - 0019

Authorization to charge additional fees:

Yes

No

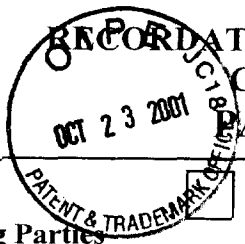
Statement and Signature

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. Charges to deposit account are authorized, as indicated herein.

Richard A. Speer (Reg. No. 17,930)
Name of Person Signing

Signature

10/23/2001
Date



CONTINUATION
PATENTS ONLY

Conveying Party(ies)

Enter additional Conveying Parties

Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name (line 1) MANFRED

08/07/2001

Name (line 2) ROTHER

Execution Date
Month Day Year

Name (line 1) RUDOLF

08/11/2001

Name (line 2) STILLER

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

Enter additional Receiving Party(ies)

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)
City

State/Country

Zip Code

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Application Number(s) or Patent Number(s)

Mark if additional number attached

Enter either the Patent Application Number of the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent application Numbers

Patent Number(s)

For: U.S. and/or Foreign Rights
 For: U.S. Application or
 U.S. Provisional Application
 For: U.S. Patent
 For: PCT Application
 By: Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNORS:

Inventor(s) or person(s) or
entity(ies) who own the
invention

JOACHIM ACHT
(type or print name(s) of first ASSIGNOR)

Dunantring 76
Address

D-65936 Frankfurt, Germany

German
Nationality

RALF SCHIMMEL
(type or print name(s) of second ASSIGNOR)

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MANFRED ROTHER
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Address

D-58093 Hagen, Germany

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Nationality

RUDOLF STILLER

(type or print name(s) of fourth ASSIGNOR)

Siedlerstraße 1

Address

Niederdorfelden, Germany

German

Nationality

*(if assignment is by person or entity to whom invention was previously assigned
and this was recorded in PTO, add the following)*

Recorded on _____

Reel _____

Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:

Mannesmann VDO AG

(type or print name(s) of ASSIGNOR(S))

Kruppstraße 105

Address

D-60388 Frankfurt am Main

German

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

the entire right, title and interest, in and to any and all improvements which are disclosed
in the invention

entitled: **SENSOR FOR DETERMINING THE LEVEL AND TEMPERATURE OF A LIQUID**

(Name of Invention)

Name of inventor(s) **Joachim Acht, Ralf Schimmel, Manfred Rother and
Rudolf Stiller**

(check and complete (a), (b), (c), (d), (e), or (f))

and which is found in (37 C.F.R. §3.21)

- (a) U.S. patent application executed on even date herewith
(b) U.S. patent application executed on _____, 2001.

- To comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
- (c) U.S. application no. 09/916,806
filed on 7/27/2001
- (d) International application no. _____
- (e) U.S. patent no. _____ issued _____
- A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
- (f) and any legal equivalent thereof in a foreign country, including the right to claim priority.

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and any reissue or re-examination thereof.

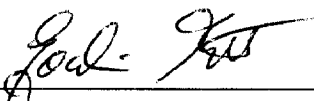
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal as executed below.

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: 08/07/01



Signature of ASSIGNOR(S)

Date: 08/07/01


Signature of ASSIGNOR(S)

Date: 7.6.01


Signature of ASSIGNOR(S)

Date: 14.8.01


Signature of ASSIGNOR(S)

(If ASSIGNOR is a legal entity, complete the following information)

*(type or print the name of the above person
authorized to sign on behalf of ASSIGNOR)*

Title