03-28	-2003
Form PTO-NUL TRADE (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2022	U.S. Patent and Trademark O
Tab settings ⇔ ⇔ ⇔ To the Honorable Commissioner of Patents and Trademarks:	: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Joshen Engel and Robert Höppler	2. Name and address of receiving party(ies) Name: BMW AG Internal Address:
Additional name(s) of conveying party(ies) attached? Yes 🖌 No	
3. Nature of conveyance: Assignment Security Agreement Other	Street Address: Petuelring 130 80788 München GERMANY
09/05/02 (Engel) Execution Date: 09/08/02 (Höppler)	City:State:Zip: Additional name(s) & address(es) attached? Yes 🗸 N
Application number(s) or patent number(s):	
If this document is being filed together with a new appl A. Patent Application No.(s) <u>10/163,803</u>	lication, the execution date of the application is: B. Patent No.(s)
Additional numbers at	attached? Yes
5. Name and address of party to whom correspondence concerning document should be mailed: Name: David M. Thimmig	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$40.00
Maver. Brown. Rowe & Maw	Enclosed
STENDIE1 00000055 10163803	Authorized to be charged to deposit account
40, 00 dP Street Address:	8. Deposit account number: 13-0019
City: Chicago State: IL Zip: 60690-2828	E THIS SPACE
9. Signature.	17

PATENT REEL: 013885 FRAME: 0342

- For: **U.S.** and/or **D** Foreign Rights
- For: U.S. Application or U.S. Provisional Application
- For: DU.S. Patent
- For: D PCT Application
- By: Inventor(s) or Deresent 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 JOCHEN ENGEL

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

<u>Guddenstraße 15</u> Address

80807 München, Germany

<u>German</u> Nationality

ROBERT HÖPPLER (type or print name(s) of third ASSIGNOR)

Kirchstraße 19 Address

85123 Karlskron, Germany

GERMAN

Nationality

PATENT REEL: 013885 FRAME: 0343 (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:

BMW AG

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

Petuelring 130 Address

80788 München Germany

German Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

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

are disclosed in the invention entitled:

AIR-CONDITIONING SYSTEM

(name of invention)

Name of Inventor(s): JOCHEN BAUMERT, JOCHEN ENGEL, KLAUS-JUERGEN BLUHM, and ROBERT HÖPPLER

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

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

U.S. patent application executed on even date herewith; (a)

U.S. patent application executed on _____. (b)

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.

U.S. application No. 10/163,803, filed 06/05/2002. (C)

(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 to desirable to carry out the purposes thereof.

> PATENT REEL: 013885 FRAME: 0345

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

Date: _	05.09.02	Signature of ASSIGNOR
Date:	08.05.02	Signature of ASSIGNOR

(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