



SHEET

101207732

MMS 11/24/99

Form PTO-1595  
1-31-92

U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks:

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Frank Kirschbaum**

Additional name(s) of conveying party(ies) attached? [ ] Yes [ X ] No

2. Name and Address of receiving party(ies):

Name: DaimlerChrysler Corporation  
Internal Address: CIMS 483-02-19  
Street Address: 800 Chrysler Drive East  
Auburn Hills, MI 48326-2757

3. Nature of conveyance:

[ X ] Assignment [ ] Merger  
[ ] Security/Agreement [ ] Change of Name

Execution Date: **October 11, 1999**

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) **09/394,482**  
Filed: **09/11/1999**  
B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? [ ] Yes [ X ] No

11/24/1999 JSHADAZZ 00000034 031800 09394482

01 FC:581 40.00 CH

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

Name: **Mark P. Calcaterra**  
**DaimlerChrysler Corporation**  
Internal Address: **CIMS 483-02-19**  
Street Address: **800 Chrysler Drive East**  
**Auburn Hills, MI 48326-2757**

6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41) **\$40.00**  
[ ] Enclosed  
[X] Authorized to be charged to deposit account  
[X] Authorized to charge any additional fees or credit any over-payment to deposit account.

8. Deposit Account Number: **03-1800**

**DO NOT USE THIS SPACE**

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.

Mark P. Calcaterra  
Name of Person Signing

*Mark P. Calcaterra*  
Signature

Nov-1, 1999  
Date

Total number of pages comprising cover sheet: 2

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

**CERTIFICATE OF MAILING (37 CFR 1.8)**

Date of Deposit with U.S. Postal Service 11/2/99. I hereby certify that the attached assignment, assignment cover sheet and postcard are being deposited with the United States Postal Service as first class mail under 37 CFR 1.8 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Assignment Division, Box Assignments, CG-4, 1213 Jefferson Davis Hwy., Suite 320, Washington, D.C. 20231.

Kerry Rodriguez  
NAME OF PERSON MAILING PAPER  
A:\Kirschbaum99-2011AssRec.doc

*Kerry Rodriguez*  
SIGNATURE

**Assignment**

I **Frank Kirschbaum** have invented a new and useful process, machine, manufacture, composition of matter, or an improvement thereof, entitled:

**METHOD FOR DRIVING AN ELECTROMAGNETIC ACTUATOR FOR OPERATING A GAS CHANGE VALVE**

for which I have executed an application for Letters Patent of the United States on October 11, 1999.

DaimlerChrysler AG having a principal place of business at Stuttgart, Germany, desires to acquire the entire right, title, and interest in the invention and under the Letters Patent, and similar protection to be obtained, worldwide.

In consideration of the payment by DaimlerChrysler AG to us of the sum of \$1.00 and other good and valuable consideration, receipt being acknowledged, I sell, assign, and transfer unto DaimlerChrysler AG, my full and entire right, title, and interest in the invention worldwide and to all Letters Patent or similar legal protection to be obtained for the invention worldwide by the application or any continuation, division, renewal, substitute, re-examination, reissue, or any legal equivalent, for the full term or terms that may be granted.

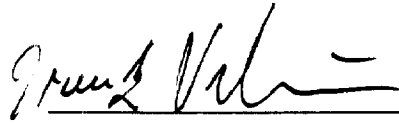
I authorize our attorneys, authorized to prosecute said application, to insert the filing date and Serial Number of the application, to wit, Serial No. 09/394,482, filed September 11, 1999. I authorize and request the Commissioner of Patents to issue all Letters Patent of the United States to DaimlerChrysler AG.

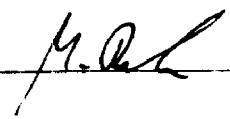
I warrant that I have the right to sell, assign, and transfer my full and entire right, title, and interest in the invention and that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that will conflict with this sale, assignment, and transfer.

I further agree to communicate to DaimlerChrysler AG or its representatives, any facts known to me respecting the invention, testify in any legal proceedings relating to the invention when called upon, and sign all instruments and documents and render such assistance which, in the judgment of DaimlerChrysler AG, is necessary to vest in it and protect the legal right, title, and interest assigned in this Assignment.

This Assignment will be binding on our heirs and legal representatives.

Date 11/19/99

  
Name: Frank Kirschbaum

Witness 

D:\Mark\j-\Kirschbaum99-2011 Assignment.doc