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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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Attorney Docket No.: 051252-5031

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

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

1. Jack David OLIVER

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

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

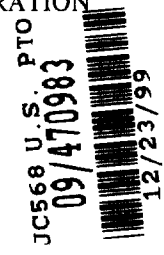
Name: SIEMENS AUTOMOTIVE CORPORATION

Internal Address:

Street Address: 2400 Executive Hills Drive

City: Auburn Hills
 State: Michigan Zip: 48326-2980

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



3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: December 16, 1999

4. Application number(s) or patent number(s): 09/470983

If this document is being filed together with a new application the execution date of the application is:
December 16, 1999

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached: Yes No

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

Name: Scott J. Anchell

Internal Address: Morgan, Lewis & Bockius LLP
 Customer No. 009629

Street Address: 1800 M Street, N.W.
 City: Washington State: D.C. Zip: 20036

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 50-0310

8. Deposit account number: 50-0310
 Attach duplicate of page if paying by deposit account

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.

Scott J. Anchell Scott J. Anchell December 23, 1999
 Name of Person Signing Signature Date

01/24/2000 DCOATES 00000014 09470983

Total number of pages including cover sheet, attachments and documents: 3

01 FC:581 40.00 DP

ASSIGNMENT

For good and valuable consideration, I, Jack David OLIVER, 719 Colonial Avenue, Williamsburg, Virginia 23185, a citizen of United States of America, hereinafter called "Assignor", hereby sell, assign and transfer to:

Siemens Automotive Corporation, a corporation of the state of Delaware, United States of America. its successors, assigns and legal representatives, hereinafter "Assignee",

the entire worldwide right, title and interest, including the right for the Assignee to apply for Letters Patent with full benefit of such priorities as are now or may hereafter be granted to Assignor by local laws or by treaty, including any international convention for the protection of industrial property, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by Assignor and filed concurrently herewith with the United States Patent and Trademark Office, entitled:

IMPACT FEATURE FOR AN ARMATURE IN A FUEL INJECTOR

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed anywhere on any of said improvements; and in and to all original and reissued patents which have been or shall be issued anywhere on said improvements;

Agree that Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of Assignee to carry out in good faith the intent and purpose of this Assignment, Assignor will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to Assignee all facts known to Assignor relating to said improvements and the history thereof; and generally do everything possible which Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in Assignee; and

Covenant with Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by Assignor, and that full right to convey the same as herein expressed is possessed by Assignor.

Jack David Oliver (L.S.)
Jack David OLIVER

Commonwealth of Virginia)
) :ss
City of Newport News)

Before me this 16th day of December, 1999 personally appeared Jack David OLIVER to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

[Seal]

[Signature]

Notary Public
My Commission Expires February 28, 2002