

FORM PTO-1595

(Rev. 6-93) DEC 08 2000

12-26-2000

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

REC



ET

101560809

Attorney Docket No.: 051480-5025

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) Erwin BAUER
- 2) Wolfram BOHNE
- 3) Albert HOERL
- 4) Ferdinand LOEBBERING

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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

Name: Siemens Aktiengesellschaft

Internal Address:

Street Address: Wittelsbacherplatz 2City: 80333 MunchenCountry: GERMANY

Additional name(s) &amp; address(es) attached?

☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: 1) 11/27/00 2) 11/24/00, 3) 11/17/00  
4) 11/27/00

## 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)

To be Assigned

09/592,543

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

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

Name: David W. Laub

Internal Address: **Morgan, Lewis &  
Bockius LLP**  
**Customer No. 009629**Street Address: 1800 M Street, N.W.  
City: Washington State: D.C. Zip: 200366. Total number of applications and patents involved: 17. 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.

David W. Laub (Reg. No. 38,708)

Signature

Date

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

12/21/2000 DNGUYEN 00000450 09592543

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**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**PROCEDURE FOR COOLING ELECTROMAGNETIC ACTUATORS FOR INTERNAL  
COMBUSTION ENGINE VALVES**

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on 12 June 2000, (Application No. 09/592,543); and



WHEREAS, Siemens Aktiengesellschaft, a Corporation of Germany, whose post office address is Wittelsbacherplatz 2, 80333 München, Germany (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 09/592,543, filed 12 June 2000) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor	Assignor's Signature	Date
Erwin BAUER		
Address		Citizenship
Salzgasse 1 A, 93059 Regensburg, Federal Republic of Germany		German
Full Name of Second Assignor	Assignor's Signature	Date
Wolfram BOHNE		
Address		Citizenship
Riedererstr. 21, 85614 Kirchseeon, Federal Republic of Germany		German
Names of additional inventors attached [ X ] Yes [ ] No		

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**PROCEDURE FOR COOLING ELECTROMAGNETIC ACTUATORS FOR INTERNAL  
COMBUSTION ENGINE VALVES**

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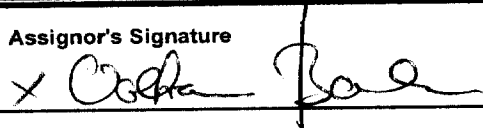
WHEREAS, Siemens Aktiengesellschaft, a Corporation of Germany, whose post office address is Wittelsbacherplatz 2, 80333 München, Germany (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

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Erwin BAUER		
Address		Citizenship
Salzgasse 1 A, 93059 Regensburg, Federal Republic of Germany		German
Full Name of Second Assignor	Assignor's Signature	Date
Wolfram BOHNE		<u>12.11.00</u>
Address		Citizenship
Riedererstr. 21, 85614 Kirchseeon, Federal Republic of Germany		German
Names of additional inventors attached [ X ] Yes [ ] No		

Full Name of Third Assignor Albert HOERL <del>LIEGL</del>	Assignor's Signature <i>Albert Hoerl</i>	Date 17.11.2000
Address Ritterland 38, 85570 Ottenhofen, Federal Republic of Germany		Citizenship German
Full Name of Fourth Assignor Ferdinand LOEBBERING	Assignor's Signature <i>Ferdinand Loebbering</i>	Date 27.11.2000
Address Amselweg 6, 93087 Alteglofsheim, Federal Republic of Germany		Citizenship German
Full Name of Fifth Assignor	Assignor's Signature	Date
Address		Citizenship
Full Name of Sixth Assignor	Assignor's Signature	Date
Address		Citizenship