Form PTO-1595 RE((Rev. 6/93)	- 11-2003 U. S. Dept. of Commerce Patent and Trademark Office	
OMB No. 0651-0011		
6 - Fo the Honora Please record t 102470019 S: 102470019		
1. Name of Conveying Party(ies):	2. Name and address of receiving party(ies)	
Karl-Heinz Kuebler	Name: Valeo Electrical Systems, Inc.	
Daryl G. Harris Mark M. Benner	Internal Address:	
Lee A. Bissonnette	THE STATE OF THE S	
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address: 3000 University Drive	
3. Nature of conveyance:	Sirect Address. Sood Oniversity Drive	
X Assignment Merger	City: Auburn Hills State: Michigan Zip: 48326-2356	
Security Agt Change of Name	City. Autour Time State. Wichigan Zip. 46320-2530	
Other	Additional name(s) & address(es) attached:Yes X_No	
Execution Date: May 19, 20 & 27, 2003		
4. Application number(s) or patent number(s): S/N 10,360,220		
If this document is being filed together with a new ap	plication, the execution date is:	
A. Patent Application No.(s) B. Patent No(s).		
10/377,340		
Additional numbers attached:	Yes X No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total no. of applications and patents involved One	
Name: Andrew R. Basile		
YOUNG & BASILE, PC.	T 15 (27 CFD 2 41)	
	7. Total fee (37 CFR 3.41)\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Internal Address:	X Enclosed Authorized to be charged to deposit account	
Street Address: 3001 West Big Beaver Road	8. Deposit account number:	
Suite 624	(Attach duplicate copy of this page if paying by deposit account)	
City: Troy State: Michigan Zip: 48084	(water aspirate exp) of the page it paying by deposit deciding	
/10/2003 DBYRNE 00000033 10377340 DO NOT US	SE 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 rue copy of the original document.		
William M. Hanlon, Jr. June 3, 2003		
Name of Person Signing Signature Date		
Total number of pages including cover sheet, attachments and document:4		

PATENT

REEL: 014143 FRAME: 0167

Case: VWS-548-A (VWS 0339)

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, Karl-Heinz Kuebler, a German citizen; Daryl G. Harris; Mark M. Benner; and Lee A. Bissonnette, all citizens of the United States and, respectively, residing at 5435 Copley Square, Grand Blanc, MI 48439; 3310 West Drahner Road, Oxford, MI 48371; 951 Wheatfield Drive, Lake Orion, MI 48362; and 951 Heather Lake Drive, Clarkston, MI 48348, respectively, hereby sell, assign and transfer to Valeo Electrical Systems, Inc., a corporation duly organized and existing under the laws of State of Delaware and having a principle place of business at 3000 University Drive, Auburn Hills, MI 48326 as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America and all countries in and to certain inventions relating in

FLUID HEATER TEMPERATURE CONTROL APPARATUS AND METHOD

which are described in the specification in an application, executed by us on the 19, 20, 27 day of May, 2003 (and we hereby authorized our attorneys, authorized to prosecute the application, to here insert the filing date and serial number of the application, as soon as it is known, Serial No. 10/377,340 filed February 28, 2003) and all the rights and privileges under any United States Letters Patent and all foreign Letters Patent that may be granted therefor.

We request that any and all United States and foreign patents for the inventions be issued to the assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to the assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in the assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions filed by it or them, the benefit of the right of

> PATENT REEL: 014143 FRAME: 0168

priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it. and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with the assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any incumbrance, and that we have full right to convey the same as herein expressed.

Signed at Auburn Hills, MI this x/9 day of w. May , 2003.

First Inventor

Mul Harin Hoke

Signed in our presence and acknowledged to be an assignment of the invention hereinabove referred to.

Signed at Auburn Hills, MI this 20 day of MAG

., 2003.

Second Inventor

Daryl G. Harris

PATENT REEL: 014143 FRAME: 0169 Signed in our presence and acknowledged to be an assignment of the invention hereinabove referred to.

Witness	K. L. Mence	Date 20 may 03
Witness	Gordon Lews	Date 20 may Q3
	*****	U
Signed at	Auburn Hills, MI this 27 day of May	, 2003.

Third Inventor

Mall Man

Signed in our presence and acknowledged to be an assignment of the invention hereinabove referred to.

 $\frac{\text{Witness}}{\text{Witness}} \frac{\text{Date } 2 + /o 5/o 3}{\text{Date } 2 + /o 5/o 3}$

Signed at Auburn Hills, MI this 19 day of 19 day of 2 May , 2003.

Fourth Inventor

Lee A. Bissonnette

Signed in our presence and acknowledged to be an assignment of the invention hereinabove referred to.

Witness V. L. Munce Date 20 May 93
Witness Date 20 may 03

PATENT
RECORDED: 06/06/2003 REEL: 014143 FRAME: 0170