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FORM PTO-1595 1/31/92		08-19-1998 		ER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Com.		100782717		Record the attached original documents or copy thereof.	
<p>1. Name of conveying party(ies): Andreas MERKER</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>2. Name and address of receiving party(ies): Name: Siemens Aktiengesellschaft</p> <p>Internal Address: _____</p> <p>Street Address: Wittelsbacherplatz 2, D-80333 Muenchen, GERMANY</p> <p>City: _____ State: _____ Zip: _____</p> <p>Additional Name(s) & Address(es) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date December 3, 1996</p>					
<p>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: 12/3/96</p> <p>A. Patent Application No.(s) B: Patent No.(s)</p> <p>P98,0475 PCT/DE96/02340</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>					
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Hill & Simpson, P.C.</p> <p>85th Floor Sears Tower 233 S. Wacker Drive Chicago, IL 60606</p>		<p>6. Total number of applications and patents involved 1</p> <p>7. Total Fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account any Additional fees</p> <p>8. Deposit Account Number: 08-2290 40E (Attach duplicate copy of this page if paying by deposit account)</p>			
DO NOT USE THIS SPACE					
<p>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.</p> <p>Melvin A. Robinson June 5, 1998 Name of Person Signing Signature Date</p> <p>Total number of pages comprising cover sheet 3</p>					
<p>Mail documents to be recorded and required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231</p>					

EXPRESS MAIL LABEL NO. EM 010532984US

A S S I G N M E N T

For good and valuable consideration, I/we, the undersigned

MERKER, Andreas
residing at:
Borghorster Weg 8
D-48612 Horstmar
Bundesrepublik Deutschland

hereby sell, assign, and transfer to

Siemens Aktiengesellschaft

Munich, a German corporation organized and existing under the laws of the Federal Republic of Germany, having its principal place of business in Munich, Federal Republic of Germany herein the "Assignee", its successors, assigns and legal representatives the entire right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **Verfahren zum Erkennen von Betriebszuständen eines elektrischen Gerätes und elektrisches Gerät zum Erkennen von gerätespezifischen Betriebszuständen**

disclosed in the PCT international application for Letters Patent designating the United States, said application being identified in our records as

Siemens File No. **GR 95 P 2207 P US**
and filed as PCT application

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 in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

hereby agree that said 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 said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned 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 said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives 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 said Assignee, its successors, assigns, and legal representatives; and hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned

Date: 3.12.96

Andreas Merker
Andreas Merker

Witnesses: B. S. / Buckhorn
(type name)

Witnesses: W. B. / W. B. Bennis
(type name)