## PATENT ASSIGNMENT

**Electronic Version v1.1**  
**Stylesheet Version v1.1**

### SUBMISSION TYPE:  
NEW ASSIGNMENT

### NATURE OF CONVEYANCE:  
ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Erich Kasper</td>
<td>09/07/2009</td>
</tr>
<tr>
<td>Michael Morschbach</td>
<td>09/07/2009</td>
</tr>
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### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name:</th>
<th>Universitat Stuggart</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address:</td>
<td>Keplerstr. 7</td>
</tr>
<tr>
<td>City:</td>
<td>Stuttgart</td>
</tr>
<tr>
<td>State/Country:</td>
<td>GERMANY</td>
</tr>
<tr>
<td>Postal Code:</td>
<td>D-70174</td>
</tr>
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### PROPERTY NUMBERS Total: 1

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<tr>
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<tr>
<td>Application Number</td>
<td>12448978</td>
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GAGEL 0001

### NAME OF SUBMITTER:  
Catherine M. Voorhees

Total Attachments: 3  
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GAGEL 0001

ASSIGNMENT of United States Patent Application

WHEREAS, I/we, Erich KASPER and Michael MORSCIIBACH, hereinafter (collectively) referred to as the Assignor, having a post office address at Osterholzstr. 16, D-89284 Pfaffenhofen, Germany and Tulpenstr. 39, D-70180 Stuttgart, Germany respectively, have invented new and useful improvements in METHOD FOR THE SELF-MONITORING OF BREAKDOWN IN SEMICONDUCTOR COMPONENTS AND ALSO SEMICONDUCTOR COMPONENT CONSTRUCTED THEREOF for which said Assignor has caused an application for United States Letters Patent to be prepared, the inventors' declaration for said application being executed concurrently with the execution of this instrument and

WHEREAS, Universität Stuttgart, Keplerstr. 7, D-70174 Stuttgart, Germany, hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters patent and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar ($1.00) to us in hand paid, and for other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, said Assignor hereby assigns, sells and transfers unto said Assignee, the full and exclusive right to said invention in the United States and its territorial possessions, and said application for Letters Patent and any and all inventions disclosed therein and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations, continuations-in-part and extensions thereof.
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The Assignor hereby authorizes and requests the Patent Office officials in the United States to issue any and all of said Letters Patent, when granted, to said Assignee as the assignee of its entire right, title and interest in and to the same, for the sole use and behalf of said Assignee, its successors and assigns.

Further, the Assignor agrees that it will communicate to said Assignee or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisionals, continuations, substitutions, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally to do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce protection for said invention in the United States.

IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to be executed.

EXECUTED this ___ day of ______, 2009.

ASSIGNOR:

Signature: 

Name of first/sole inventor:

Erich KASPER

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Signature: 

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Signature: 

Name: 

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____________________________________
ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

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RECORDED: 11/20/2009