

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wolfgang Pahl</td> <td>03/05/2010</td> </tr> <tr> <td>Hans Krueger</td> <td>03/09/2010</td> </tr> <tr> <td>Werner Ruile</td> <td>03/08/2010</td> </tr> </tbody> </table>		Name	Execution Date	Wolfgang Pahl	03/05/2010	Hans Krueger	03/09/2010	Werner Ruile	03/08/2010
Name	Execution Date								
Wolfgang Pahl	03/05/2010								
Hans Krueger	03/09/2010								
Werner Ruile	03/08/2010								
RECEIVING PARTY DATA									
Name:	EPCOS AG								
Street Address:	St.-Martin-Strasse 53								
City:	Muenchen								
State/Country:	GERMANY								
Postal Code:	81669								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12700446</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12700446				
Property Type	Number								
Application Number:	12700446								
CORRESPONDENCE DATA									
Fax Number:	(972)732-9218								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	972-732-1001								
Email:	danglade@slater-matsil.com								
Correspondent Name:	Slater & Matsil, L.L.P.								
Address Line 1:	17950 Preston Rd.								
Address Line 2:	Suite 1000								
Address Line 4:	Dallas, TEXAS 75252								
ATTORNEY DOCKET NUMBER:	EPC-098								
NAME OF SUBMITTER:	Courtney Danglade								

Total Attachments: 6
 source=PTO_EPC098_Assignment_Docs_PTO#page1.tif

501140645

**PATENT
 REEL: 024193 FRAME: 0619**

CH \$40.00 12700446

source=PTO_EPC098_Assignment_Docs_PTO#page2.tif
source=PTO_EPC098_Assignment_Docs_PTO#page3.tif
source=PTO_EPC098_Assignment_Docs_PTO#page4.tif
source=PTO_EPC098_Assignment_Docs_PTO#page5.tif
source=PTO_EPC098_Assignment_Docs_PTO#page6.tif

ASSIGNMENT

For good and valuable consideration, I, **Wolfgang Pahl**, residing at Bavariaring 41, 80336 Muenchen, Germany, a citizen of Germany; **Hans Krueger**, residing at Peralohstr. 13, 81737 Muenchen, Germany, a citizen of Germany; **Werner Ruile**, residing at Klarastr. 5a, 80636 Muenchen, Germany, a citizen of Germany;

hereby sell, assign, and transfer to **EPCOS AG**, a corporation organized and existing under the laws of Germany, having its principal place of business at St.-Martin-Strasse 53, 81669, Muenchen, Germany;

hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewithin, and is entitled:

Component with Reduced Temperature Response, and Method for Production

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 and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries 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 said Assignee, their 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 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 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

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 has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 05 March 2010



Wolfgang Pahl

Date: _____

Hans Krueger

Date: _____

Werner Ruile

ASSIGNMENT

For good and valuable consideration, I, **Wolfgang Pahl**, residing at Bavariaring 41, 80336 Muenchen, Germany, a citizen of Germany; **Hans Krueger**, residing at Peralohstr. 13, 81737 Muenchen, Germany, a citizen of Germany; **Werner Ruile**, residing at Klarastr. 5a, 80636 Muenchen, Germany, a citizen of Germany;

hereby sell, assign, and transfer to **EPCOS AG**, a corporation organized and existing under the laws of Germany, having its principal place of business at St.-Martin-Strasse 53, 81669, Muenchen, Germany;

hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewithin, and is entitled:

Component with Reduced Temperature Response, and Method for Production

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 and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries 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 said Assignee, their 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 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 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

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 has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: _____

Wolfgang Pahl

Date: March 9, 2010

Hans Krueger
Hans Krueger

Date: _____

Werner Ruile

ASSIGNMENT

For good and valuable consideration, I, **Wolfgang Pahl**, residing at Bavariaring 41, 80336 Muenchen, Germany, a citizen of Germany; **Hans Krueger**, residing at Peralohstr. 13, 81737 Muenchen, Germany, a citizen of Germany; **Werner Ruile**, residing at Klarastr. 5a, 80636 Muenchen, Germany, a citizen of Germany;

hereby sell, assign, and transfer to **EPCOS AG**, a corporation organized and existing under the laws of Germany, having its principal place of business at St.-Martin-Strasse 53, 81669, Muenchen, Germany;

hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewithin, and is entitled:

Component with Reduced Temperature Response, and Method for Production

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 and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries 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 said Assignee, their 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 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 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

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 has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: _____

Wolfgang Pahl

Date: _____

Hans Krueger

Date: March 8th 2010

Werner Ruile
Werner Ruile