

PATENT ASSIGNMENT COVER SHEET

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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>KENJI ITO</td> <td>09/04/2013</td> </tr> <tr> <td>TADASHI TOYODA</td> <td>09/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	KENJI ITO	09/04/2013	TADASHI TOYODA	09/04/2013
Name	Execution Date						
KENJI ITO	09/04/2013						
TADASHI TOYODA	09/04/2013						
RECEIVING PARTY DATA							
Name:	SEMITEC CORPORATION						
Street Address:	7-7, KINSHI 1-CHOME						
Internal Address:	SUMIDA-KU						
City:	TOKYO						
State/Country:	JAPAN						
Postal Code:	1308512						
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>14111932</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14111932		
Property Type	Number						
Application Number:	14111932						
CORRESPONDENCE DATA							
Fax Number:							
Phone:	860-286-2929						
Email:	usptopatentmail@cantorcolburn.com						
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
Correspondent Name:	CANTOR COLBURN LLP						
Address Line 1:	20 CHURCH STREET						
Address Line 2:	22ND FLOOR						
Address Line 4:	HARTFORD, CONNECTICUT 06103						
ATTORNEY DOCKET NUMBER:	MIM0033US						
NAME OF SUBMITTER:	DANIEL P. LENT						
Signature:	/Daniel P. Lent/						

Date:

10/15/2013

Total Attachments: 2

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DECLARATION AND ASSIGNMENT

Title of Invention: **THIN-FILM THERMISTOR ELEMENT AND METHOD OF MANUFACTURING THE SAME**

As a below named inventor, I hereby declare that:

This declaration is directed to:

the attached application (Attorney Docket Number _____), or

United States application or PCT international application number **PCT/JP2013/068749** filed on **July 09, 2013**.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the "APPLICATION");

Whereas, **SEMITEC Corporation**, a corporation of **Japan** having a place of business at **7-7, Kinshi 1-Chome, Sumida-ku, Tokyo 1308512 Japan** (herein referred to as "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to ASSIGNEE, the entire worldwide right, title, and interest in and to the INVENTION and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the INVENTION, to ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all

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documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal Name of Inventor: **ITO, Kenji**

Signature: *Ito, Kenji* Date: *Sep. 4, 2013*

Legal Name of Inventor: **TOYODA, Tadashi**

Signature: *Toyoda, Tadashi* Date: *Sep. 4, 2013*