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PAGE 004/007

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<b>PATENT ASSIGNMENT</b>
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Electronic Version v1.1  
 Stylesheet Version v1.1

**05/25/2006**  
**500108358**

<b>SUBMISSION TYPE:</b>	<b>CORRECTIVE ASSIGNMENT</b>
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the Assignee, which should read Tyco Electronics Raychem GmbH previously recorded on Reel 017556 Frame 0399. Assignor(s) hereby confirms the Assignee name is not Tyco Electronics Raychme GmbH.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Robert Frodl	05/24/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Tyco Electronics Raychem GmbH
<b>Street Address:</b>	Finsinger Feld 1
<b>City:</b>	Ottobrunn
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	85521
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11380787
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(610)889-3696
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	(610) 722-3899
<b>Email:</b>	hsalamone@barley.com
<b>Correspondent Name:</b>	Salvatore Anastasi
<b>Address Line 1:</b>	1000 Westlakes Drive
<b>Address Line 2:</b>	Suite 275
<b>Address Line 4:</b>	Berwyn, PENNSYLVANIA 19312
<b>ATTORNEY DOCKET NUMBER:</b>	21334-1592
<b>NAME OF SUBMITTER:</b>	Salvatore Anastasi
<b>Total Attachments: 2</b>	

CH \$40.00 11380787

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**PATENT**  
**REEL: 017719 FRAME: 0340**

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PAGE 005/007

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PAGE 004/004

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<b>PATENT ASSIGNMENT</b>
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Electronic Version v1.1  
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05/01/2006  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Robert Frodl	04/26/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Tyco Electronics Raychme GmbH
<b>Street Address:</b>	Finsinger Feld 1
<b>City:</b>	Ottobrunn
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	85521
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11380787
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(610)889-3698
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	610-722-3899
<b>Email:</b>	sanastael@barley.com
<b>Correspondent Name:</b>	Salvatore Anastasi, Esquire
<b>Address Line 1:</b>	1000 Westlakes Drive, Suite 275
<b>Address Line 4:</b>	Berwyn, PENNSYLVANIA 19312
<b>ATTORNEY DOCKET NUMBER:</b>	21334-1592
<b>NAME OF SUBMITTER:</b>	Salvatore Anastasi
<b>Total Attachments: 2</b> source=213341592Execution Assignment#page1.tif source=213341592Execution Assignment#page2.tif	

CH \$40.00 11380787

Docket No. E-PG-00025 US

**ASSIGNMENT**

I, Robert FRODL, who resides respectively at:

Zauberwaldstrasse 8, 81825 Munich, Germany

have made certain inventions or discoveries (or both) set forth in a patent application in Germany entitled:

**"GAS SENSOR ARRANGEMENT WITH IMPROVED LONG-TERM STABILITY AND MEASURING METHOD"**

which application was executed by the inventor(s) on the date(s) of execution of this assignment and is identified by Attorney Docket Number E-PG-00025, and German Patent Application No. 10 2005 020 864.9 filed the 4th day of May, 2005,

and Tyco Electronics Raychem GmbH whose address is Finsinger Feld 1, 85521 Ottobrunn, Germany

and which, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or part thereof heretofore acquired by Assignee.

Now, therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said patent application in Germany, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the empowered officials of all governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patent or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries, and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs and legal representatives, as well as myself, to do, upon Assignee's request and at its expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by

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5/26/06 7:04

PAGE 007/007

Fax Server

Docket No. E-PG-00025 US

Assignee as fully and entirely as the same could have been held and enjoyed by me or my heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs or legal representatives and which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the 4<sup>th</sup> day of May, 2006.

In testimony whereof I have affixed my signature.

Inventor 1: Robert Frodl Date: 2006-05-24  
Robert Frodl

Witness: Sumone Kelsey Date: 2006-05-24

Page 2 of 2

PATENT  
REEL: 017719 FRAME: 0344

Docket No. E-PG-00025 US

**ASSIGNMENT**

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2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the empowered officials of all governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patent or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries, and that I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs and legal representatives, as well as myself, to do, upon Assignee's request and at its expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by

Docket No. E-PG-00025 US

Assignee as fully and entirely as the same could have been held and enjoyed by me or my heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs or legal representatives and which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the 4<sup>th</sup> day of May, 2005.

In testimony whereof I have affixed my signature.

Inventor 1: Frodl Date: 2006 - APR. - 26  
Robert Frodl

Witness: S. J. [Signature] Date: 2006 - APR. - 26