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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1 05/25/2006 500108358

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	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.

CONVEYING PARTY DATA

Name	Execution Date
Robert Frodi	05/24/2006

RECEIVING PARTY DATA

Name:	Tyco Electronics Raychem GmbH
Street Address:	Finsinger Feld 1
City:	Ottobrunn
State/Country:	GERMANY
Postal Code:	85521

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11380787

CORRESPONDENCE DATA

Fex Number:

(610)889-3696

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone:

(610) 722-3899

Email:

hsalamone@barley.com

Correspondent Name:

Salvatore Anastesi

Address Line 1:

1000 Westlakes Drive

Address Line 2:

Suite 275

Address Line 4:

Berwyn, PENNSYLVANIA 19312

ATTORNEY DOCKET NUMBER:	21334-1592
NAME OF SUBMITTER:	Salvatore Anastasi
·-	

Total Attachments: 2

PATENT **REEL: 017719 FRAME: 0340** 05/31/2006 WED 17:41 FAX 6108893696 Barley Snyder, LLC

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> **PATENT REEL: 017719 FRAME: 0341**

RIGHTERAX

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PATENT ASSIGNMENT

Electronic Version v1.1

05/01/2006 500099363

Recert Frodi Re	SUBMISSION TYPI	SION TYPE: NEW ASSIGNMENT				
Receiving party data Name: Tyco Electronics Raychme GmbH Street Address: Finsinger Feld 1 City: Ottobrunn State/Country: GERMANY Postal Code: 85521 PROPERTY NUMBERS Total: 1 Property Type Number: 11380767 CORRESPONDENCE DATA Fax Number: (610)889-3698 Correspondence will be sent via US Mail when the fax alternat is unsuccessful. Phone: 610-722-3899 Email: sanastaci@barley.com Correspondent Name: Salvatore Anastasi, Esquire Address Line 1: 1000 Westlakes Drive, Suite 275 Address Line 4: Berwyn, PENNSYLVANIA 19312 ATTORNEY DOCKET NUMBER: Salvatore Anastasi Fotal Attachments: 2	NATURE OF CON	ATURE OF CONVEYANCE: ASSIGNMENT				-
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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 Altomey 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 hereforce 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 end 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 relissues 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 erise from said inventions, said discoveries, said applications, and said Letters Patent;
- 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:
- 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 of discoveries, and that I have good right to assign the same to Assignee without encumbrance;
- 5. Bind my helrs and legal representatives, as well as mysetf, to do, upon Assignee's request and at its expense, but without additional consideration to me of 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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PAGE 007/007

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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 4th day of May, 2005.

In testimony whereof I have affixed my signature.

Inventor 1

Robert Fradle

Date: 2006-05-24

Robert Frodi

Witness:

Sun one Teleson

Date: 2006 - 05 - 24

Page 2 of 2

Docket No. E-PG-00025 US

<u>ASSIGNMENT</u>

I, Robert FRODL, who resides respectively at:

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

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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 Raychme 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;
- 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;
- 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 officers 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

Page 1 of 2

Docket No. E-PG-00025 US

Assignee as fully and entirely as the same could have been held and enjoyed by me or my helrs 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 helrs 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 4th day of May, 2005.

In testimony whereof I have affixed my signature.

Inventor 1:_	trode	Date:	2006-APR26
	Pohert Emdi		•

Witness: S. Teckery Date: 2006-AFE- 26

Page 2 of 2

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