

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4038298

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the RECEIVING PARTY DATA. THE RECEIVING PARTY SHOULD BE: TEXAS INSTRUMENTS DEUTSCHLAND GMBH previously recorded on Reel 031336 Frame 0486. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HORST DIEWALD	09/10/2013
JOHANN ZIPPERER	09/11/2013
PETER WEBER	09/13/2013
ANTON BRAUCHLE	09/13/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TEXAS INSTRUMENTS DEUTSCHLAND GMBH
<b>Street Address:</b>	HAGGERTYSTRASSE 1
<b>City:</b>	FREISING
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	85356
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14020184
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(214)567-2228
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	214-479-1226
<b>Email:</b>	uspto@ti.com
<b>Correspondent Name:</b>	TEXAS INSTRUMENTS INCORPORATED
<b>Address Line 1:</b>	P O BOX 655474, M/S 3999
<b>Address Line 4:</b>	DALLAS, TEXAS 75265
<b>ATTORNEY DOCKET NUMBER:</b>	TI-74329
<b>NAME OF SUBMITTER:</b>	PAMELA K. DAVIDSON
<b>SIGNATURE:</b>	/Pamela K. Davidson/
<b>DATE SIGNED:</b>	09/06/2016
<b>Total Attachments: 5</b>	

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Form PTO-1595 (Rev. 03-11)  
OMB No. 0651-0027 (exp. 03/31/2012)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

### RECORDATION FORM COVER SHEET PATENTS ONLY (1962-88600)

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**  
 First Inventor, Horst Diewald, August 10, 2013  
 Second Inventor, Johan Zipperer, August 11, 2013  
 Third Inventor, Peter Weber, August 13, 2013  
 Fourth Inventor, Anton Brauchle, August 13, 2013  
 Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
 Name: TEXAS INSTRUMENTS INCORPORATED  
 Internal Address: \_\_\_\_\_  
 Street Address: P. O. Box 655474  
 City: Dallas  
 State: Texas  
 Country: US Zip: 75265  
 Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
 See dates to the right of conveying parties  
 Execution Date(s) \_\_\_\_\_  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.  
 A. Patent Application No.(s)  
14/020,184  
 B. Patent No.(s)  
 Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
 Name: TEXAS INSTRUMENTS INCORPORATED  
 Internal Address: \_\_\_\_\_  
 Street Address: 12500 TI Boulevard - M/S 3999  
 City: Dallas  
 State: Texas Zip: 75243  
 Phone Number: 214-479-1156  
 Fax Number: (214) 479-1273  
 Email Address: uspto@ti.com

**6. Total number of applications and patents involved:** One  
**7. Total fee (37 CFR 1.21(h) & 3.41)** \$50.00  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**  
 Deposit Account Number 20-0668  
 Authorized User Name John Pessetto

**9. Signature:** /Jonathan M. Harris/ September 3, 2013  
 Signature Date  
Jonathan M. Harris Total number of pages including cover sheet, attachments, and documents: 3  
 Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0148, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1480, Alexandria, V.A. 22313-1480

CFR 5410.00-200668-14020184

**ASSIGNMENT**

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made.

WHEREAS, TEXAS INSTRUMENTS DEUTSCHLAND GMBH, a corporation organized and existing under the laws of Germany, with a place of business at Heggertystrasse 1, Freising, Germany 85356, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon, as well as to U.S. Provisional Application No(s). \_\_\_\_\_, filed \_\_\_\_\_;


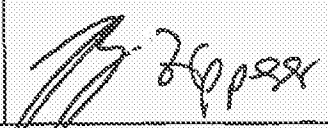
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign unto the said TEXAS INSTRUMENTS DEUTSCHLAND GMBH, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application(s) and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Patent and Trademark Office to issue all patents for said invention, or patents resulting therefrom, to the said TEXAS INSTRUMENTS DEUTSCHLAND GMBH, as assignee of my entire right, title and interest.


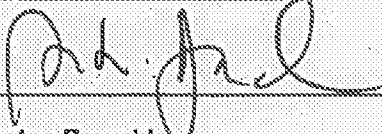
I also hereby sell and assign to TEXAS INSTRUMENTS DEUTSCHLAND GMBH, its successors and assigns, my corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS DEUTSCHLAND GMBH, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS DEUTSCHLAND GMBH, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE	SYSTEM AND METHOD FOR ENERGY MONITORING		
NONPROVISIONAL APPLICATION NO.	14 020184	FILING DATE	9-6-13
SIGNATURE OF INVENTOR			
PRINTED NAME OF INVENTOR	Horst Diewald		
DATE	2013-09-10		
RESIDENCE (CITY AND STATE)	Freising, Germany		
SIGNATURE OF INVENTOR			

PRINTED NAME OF INVENTOR	Johann Zipperer
DATE	2013-09-11
RESIDENCE (CITY AND STATE)	Unterschleissheim, Germany
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Peter Weber
DATE	2013-09-13
RESIDENCE (CITY AND STATE)	Allershausen, Germany
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Anton Brauchle
DATE	2013-09-13
RESIDENCE (CITY AND STATE)	Mering, Germany

After recording, return Assignment to: Texas Instruments Incorporated  
 12500 TI Boulevard (M/S 3999)  
 Dallas, Texas 75243