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ONB NO. 0001-0027 (exp. 00/31/2012)				
PATENTS ONLY (1962-88600)				
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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	2. Name and address of receiving party(ies) Name: TEXAS INSTRUMENTS INCORPORATED Internal Address:			
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4. Application or patent number(s):	document is being filed together with a new application. B. Patent No.(s) B. Patent No.(s) Cached? Yes XNo			
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Phone Number: 214-479-1156	Deposit Account Number 20-0668			
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Email Address: uspto@ti.com	Authorized User Name John Pessetto			
9. Signature: /Jonathan M. Harris/	September 3, 2013			
Signature Jonathan M. Harris Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:			

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PATENT REEL: 031336 FRAME: 0486 Application No. 14 020184

Attorney Docket No. TI

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.

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, relssue and substitute applications, make all lawful caths, 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.	14020184	FILING DATE	9-6-13	
SIGNATURE OF INVENTOR	Horst Pr			
PRINTED NAME OF INVENTOR	Horst Diewald			
DATE	2013-09-10			
RESIDENCE (CITY AND STATE)	Freising, Germany			
SIGNATURE OF INVENTOR	19-3608X			

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PATENT REEL: 031336 FRAME: 0487

Application	No.14	DZD	184
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Attorney Docket No. Ti

PRINTED NAME OF INVENTOR	Johann Zipperer
DATE	2013-09-11
RESIDENCE (CITY AND STATE)	Unterschleissheim, Germany
SIGNATURE OF INVENTOR	Poto Go
PRINTED NAME OF INVENTOR	Peter Weber
DATE	2013-09-13
RESIDENCE (CITY AND STATE)	Allershausen, Germany
SIGNATURE OF INVENTOR	Oak Arl
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 Tl Bouleyard (M/S 3999) Dallas, Texas 75243