FORM PTO-1595 (Rev. 8-04) OMB No. 0651-0027 (exp. 6/30/2005)

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

	ORM COVER SHEET TS ONLY Docket No.: TI-72414
To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) below.
Name of conveying party(ies)/Execution Date(s): ERICH J. BAYER	Name and address of receiving party(les) Name: Texas Instruments Incorporated Internal Address:
Execution Date(s) 10/08/2012 Additional name(s) of conveying party(les) attached? 3. Nature of conveyance: Assignment	Street Address: 12500 T1 Boutevard, M/S 3999 City: Dallas State: TX Country: USA Zip: 75243 Additional name(s) & address(es) attached? □ Yes ⊠ No
	t is being filed together with a new application.
A. Patent Application No.(s) 13/653,670 - FILED OCTOBER 17, 2012	B. Patent No.(s)
Additional number	rs attached? □ Yes ⊠ No
5. Name and address to whom correspondence concerning document should be mailed: Name: WILLIAM KEMPLER	6. Total number of applications and patents involved:
Internal Address: Texas Instruments Incorporated	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card
Street Address: P.O. Box 65574, M/S 3999	□ Authorized to be charged to deposit account □ Enclosed □ None required (government interest and offseting title)
City: Dallas State: Texas Zip: 75265 Phone Number: 214-4791215 Fax Number: 972-917-4418 Email Address: W-KEMPLER@Ti.COM	None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 20-0668 Authorized User Name Texas Instruments Incorporated
Signature: Signature Signature Signature Signature	Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 029149 FRAME: 0269 Application No.

Attorney Docket No. TI-72414

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 INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way. M/S 3999. Dallas, Texas 75251, 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). 61/646,141 , filed MAY 11, 2012

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign unto the said TEXAS INSTRUMENTS INCORPORATED, 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 INCORPORATED, as assignee of my entire right, title and interest.

Laiso hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, 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 INCORPORATED, 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 INCORPORATED, 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	CURRENT MODE CONTROL FOR DC-DC CONVERTER			
NONPROVISIONAL APPLICATION NO.	13/653,670		FILING DATE	OCTOBER 17, 2012
SIGNATURE OF INVENTOR	46	Ra		
PRINTED NAME			,	

DATE

OF INVENTOR

RESIDENCE (CITY AND STATE)

THONHAUSEN, GERMANY

After recording, return Assignment to:

Texas instruments incorporated PO Box 655474, M/S 3999 Dallas, TX 75265

PATENT

REEL: 029149 FRAME; 0270