502879302 07/03/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT2925900 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| MATHIAS ARNOLD | 06/30/2014 |
| RUEDIGER KUHN | 06/30/2014 |
| JOHANNES GERBER | 06/30/2014 |

RECEIVING PARTY DATA

| Name: | TEXAS INSTRUMENTS DEUTSCHLAND GMBH | |
|-----------------|------------------------------------|--|
| Street Address: | HAGGERTYSTRASSE 1 | |
| City: | FREISING | |
| State/Country: | GERMANY | |
| Postal Code: | 85356 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14317094 |

CORRESPONDENCE DATA

Fax Number: (214)567-2228

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.

Phone: 214-479-1243 Email: uspto@ti.com

TEXAS INSTRUMENTS INCORPORATED **Correspondent Name:**

Address Line 1: 12500 TI BOULEVARD (MIS 3999)

Address Line 4: DALLAS, TEXAS 75243

ATTORNEY DOCKET NUMBER: TI-74593 NAME OF SUBMITTER: MICHAEL J. GUTHRIE SIGNATURE: /Michael J. Guthrie/ **DATE SIGNED:** 07/03/2014

Total Attachments: 2

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> **PATENT** REEL: 033241 FRAME: 0221 502879302

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, 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 | ADAPTIVE SYSTEM CONTROLLED POWER SUPPLY TRANSIENT FILTER | | | |
|-----------------------------------|--|-------------|------------|-------|
| NONPROVISIONAL APPLICATION NO. | 14/317,118 | FILING DATE | 06-27-2014 | |
| SIGNATURE OF INVENTOR | U. Sol | <u> </u> | | · · · |
| PRINTED NAME OF INVENTOR | Matthias ARNOLD | | * - 1 | |
| DATE | 6/30/14 | | | |
| RESIDENCE (CITY AND STATE) | Freising, Germany | | | - |

PATENT REEL: 033241 FRAME: 0222

| SIGNATURE OF INVENTOR | |
|-------------------------------|----------------------------|
| PRINTED NAME OF INVENTOR | Ruediger KUHN |
| DATE | 06/30/2014 |
| RESIDENCE (CITY AND STATE) | Freising, Germany |
| SIGNATURE . OF INVENTOR | Johannes Gelse |
| PRINTED NAME OF INVENTOR | Johannes GERBER |
| DATE | 06/30/2014 |
| RESIDENCE (CITY AND STATE) | Unterschleissheim, Germany |

After recording, return Assignment to: Jonathon Scott

Texas Instruments Incorporated 12500 Ti Boulevard (M/S 3999) Dallas, Texas 75243

> **PATENT** REEL: 033241 FRAME: 0223

RECORDED: 07/03/2014