

FORM PTO-1595

U.S. Department of Commerce

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TI-37625

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Neil Gibson (6/21/2005)
Kevin Scoones (6/29/2005)Additional name(s) attached? ___ Yes ☒ No

2. Name and Address of receiving party(ies):

Name: Texas Instruments Incorporated
Address: PO Box 655474, M/S 3999
City: Dallas
State: Texas
Zip: 75265Additional name(s) & address(es) attached? ___ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: June 21, 2005 and June 29, 2005

4. Application number(s) or patent number(s).

This document is being filed together with a new application.

Execution date of the application: June 21, 2005 and June 29, 2005

Title: A METHOD OF GENERATING A PULSED OUTPUT SIGNAL FROM A PERIODIC RAMP SIGNAL AND A REFERENCE VOLTAGE, AND A SWITCH MODE POWER CONVERTER

Docket: TI-37625

Filing Date: 3/15/2005

A. Patent Application No.(s)

11/080,882

Additional numbers attached? ___ Yes ☒ No

B. Patent No.(s)

Additional numbers attached? ___ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: W. Daniel Swayze Jr.
Texas Instruments Incorporated
Address: PO Box 655474, M/S 3999
City: Dallas
State: Texas Zip: 752656. Number of applications and patents involved: 17. Amount of fee enclosed or authorized to be charged: **\$40**8. Deposit account: **20-0668**

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

7-11-2005
DateW. Daniel Swayze Jr.
W. Daniel Swayze Jr., Registration No. 34,478

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CH \$40.00 200668 11080882

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PATENT
REEL: 016504 FRAME: 0451

ASSIGNMENT

WHEREAS, TEXAS INSTRUMENTS DEUTSCHLAND GMBH (hereinafter **TID**), a German company of Haggertystrasse 1, 85356 Freising, Germany, as unlimited claimant under German Law relating to inventions of employees, owns all rights in an invention as set forth below including the right to apply for legal protection in Germany and all other countries, and has filed application for patent in Germany in respect of said invention, as identified below;

WHEREAS, the or each below named inventor (hereinafter **INVENTOR**) is the or an inventor of the said invention;

WHEREAS, TID, is desirous of acquiring the entire right, title and interest of **INVENTOR** in and to the said invention outside of Germany, and in and to patent applications filed and any Letters Patent that may issue thereon outside of Germany;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, by this Assignment, **INVENTOR** sells and assigns to the said **TEXAS INSTRUMENTS DEUTSCHLAND GMBH**, its successors and assigns, the entire right, title and interest in and to the said invention in the U.S.A. and all other countries outside Germany; in and to the U.S. patent application as identified below and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and the right to file applications and obtain patents in its own name in any said other country or group of countries, and to claim priority under the terms of the International Convention for the Protection of Industrial Property or any other relevant convention;

INVENTOR hereby authorizes and requests the Commissioner of Patents to issue U.S. patents for said invention, or U.S. patents resulting therefrom, insofar as the interest of **INVENTOR** is concerned, to the said **TEXAS INSTRUMENTS DEUTSCHLAND GMBH**, as assignee of the entire right, title and interest.

INVENTOR further agrees to communicate to **TID** or to its successors, assigns and legal representatives, any facts known to **INVENTOR** respecting the said invention, and at the expense of **TID**, sign any and all patent applications, assignments, affidavits and other lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, testify in any legal or quasi-legal proceedings and generally do everything possible to aid said **TID**, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries outside Germany.

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Assignment
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**A METHOD OF GENERATING A PULSED OUTPUT SIGNAL FROM A PERIODIC RAMP
SIGNAL AND A REFERENCE VOLTAGE, AND A SWITCH MODE POWER CONVERTER**

Title of Invention

Neil Gibson

Kevin Scoones

Inventors

German Patent Application 102004016073. Filed: 30 March 2004

No.: 2

U.S. Application Serial No.: 11/080.882 Filed: 15 March 2005

IN WITNESS WHEREOF this Assignment has been executed as set forth below:

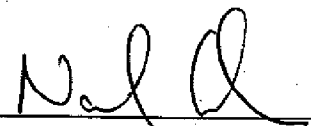
Executed for and on behalf of **TEXAS INSTRUMENTS DEUTSCHLAND, GmbH**

Name: 

Title: Eduard Baumer
Director Finance and Administration

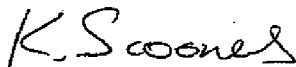
Date: 5. 7. 05

and by the **INVENTORS:**

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