

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Markus Dietl</td><td>04/08/2008</td></tr><tr><td>Elmar Werkmeister</td><td>04/10/2008</td></tr></tbody></table>	Name	Execution Date	Markus Dietl	04/08/2008	Elmar Werkmeister	04/10/2008	
Name	Execution Date						
Markus Dietl	04/08/2008						
Elmar Werkmeister	04/10/2008						
RECEIVING PARTY DATA							
Name:	Texas Instruments Deutschland GmbH						
Street Address:	Haggertystrasse 1						
City:	Freising						
State/Country:	GERMANY						
Postal Code:	85356						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11288004</td></tr></tbody></table>	Property Type	Number	Application Number:	11288004			
Property Type	Number						
Application Number:	11288004						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	TI-39138						
NAME OF SUBMITTER:	Warren L. Franz						
Total Attachments: 4 source=39138_Assignment#page1.tif source=39138_Assignment#page2.tif source=39138_Assignment#page3.tif							

CH \$40.00 11288004

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PATENT
REEL: 021265 FRAME: 0642

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 Paris 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.

Inventors

Filed: 11/26/2004

Filed: 11/28/2005

Executed for and on behalf of **Texas Instruments Deutschland, GmbH**

Time:

Director Finance and Administration

Date:

and by the ~~INVENTOR~~:

[illegible]

Markus Dietl

Aventinstr. 11, Munich, Germany 80469

Address

Date _____

(2)

Elmar Werkmeister

Hausenerstr. 2, Singen, Germany 78224

Address

Date _____

ASSIGNMENT

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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;

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TID-39138

PHASE LOCKED LOOP CIRCUIT WITH A VOLTAGE CONTROLLED OSCILLATOR

Title of Invention

Markus Dietl and Elmar Werkmeister

Inventors

German Patent Application No.: 10 2004 057186.4

Filed: 11/26/2004

U.S. Application Serial No.: 11/288,004

Filed: 11/28/2005

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

Executed for and on behalf of Texas Instruments Deutschland, GmbH

Name: _____

Title: _____

Date: _____

and by the INVENTOR:

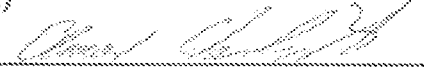
(1)

Markus Dietl

Aventinstr. 11, Munich, Germany 80469
Address

Date

(2)



Elmar Werkmeister

Hausenerstr. 2, Singen, Germany 78224
Address

Notary: [Signature], Date 10.4.2008
Date

PATENT

RECORDED: 07/21/2008

REEL: 021265 FRAME: 0647