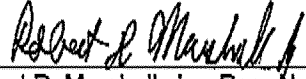
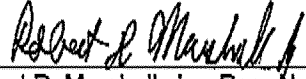
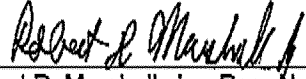


FORM PTO-1595 TI-83377	RECORDATION FORM COVER SHEET PATENTS ONLY	U.S. Department of Commerce Patent and Trademark Office		
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies): Alexandre Palus	2. Name and Address of receiving party(ies): Name: TEXAS INSTRUMENTS INCORPORATED Address: P.O. Box 655474, MS 3999 City: Dallas State: TX Zip: 75265 Additional name(s) & address(es) attached? ____ Yes <input checked="" type="checkbox"/> No			
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment _____ Merger _____ Security Agreement _____ Change of Name _____ Other _____ Execution Date: May 31, 2013				
4. Application number(s) or patent number(s): 12/772,423 _____ This document is being filed together with a new application. Execution date of the application: September 17, 2010 <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> A. Patent Application No.(s) Additional numbers attached? ____ Yes <input checked="" type="checkbox"/> No </td> <td style="width: 50%; vertical-align: top;"> B. Patent No.(s) X,XXX,XXX Additional numbers attached? ____ Yes <input checked="" type="checkbox"/> No </td> </tr> </table>			A. Patent Application No.(s) Additional numbers attached? ____ Yes <input checked="" type="checkbox"/> No	B. Patent No.(s) X,XXX,XXX Additional numbers attached? ____ Yes <input checked="" type="checkbox"/> No
A. Patent Application No.(s) Additional numbers attached? ____ Yes <input checked="" type="checkbox"/> No	B. Patent No.(s) X,XXX,XXX Additional numbers attached? ____ Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Robert D. Marshall, Jr. Texas Instruments Incorporated Address: P.O. Box 655474, MS 3999 City: Dallas State: TX Zip: 75265	6. Number of applications and patents involved: ____ (1) ____ 7. Amount of fee enclosed or authorized to be charged: \$40 8. Deposit Account No: 20-0868 of Texas Instruments Incorporated			
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. <table style="width: 100%;"> <tr> <td style="width: 60%; vertical-align: bottom;"> 05-31-2013 Date </td> <td style="width: 40%; text-align: center; vertical-align: bottom;">  Robert D. Marshall, Jr., Reg. No. 28,527 </td> </tr> </table>			05-31-2013 Date	 Robert D. Marshall, Jr., Reg. No. 28,527
05-31-2013 Date	 Robert D. Marshall, Jr., Reg. No. 28,527			

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PATENT
REEL: 030537 FRAME: 0166

):ROBERT D. MARSHALL, JR. COMPANY:TEXAS INSTRUMENTS INCORPORATED

Mar-12-2013 10:42 AM Texas Instruments Inc. 214-479-1273

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319198 ?

TI-68377

ASSIGNMENT

WHEREAS, Robert Bosch GmbH (hereinafter Bosch), a German company of Postfach 30 02 20, 70442 Stuttgart, 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, Bosch, 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 Robert Bosch 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 Robert Bosch GmbH, as assignee of the entire right, title and interest.

INVENTOR further agrees to communicate to Bosch or to its successors, assigns and legal representatives, any facts known to INVENTOR respecting the said invention, and at the expense of Bosch, 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 Bosch, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries outside Germany.

PATENT**REEL: 030537 FRAME: 0167**

Application No. 12/772,423

Attorney Docket No. TI-63377

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 12600 TI Boulevard, M/S 3999, Dallas, Texas 75243, 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). _____;


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 therefore, 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.

I also 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	METHOD AND SYSTEM FOR DETECTING A FAILURE IN AN ERROR CORRECTING UNIT		
NONPROVISIONAL APPLICATION NO.	12/772,423	FILING DATE	05-03-2010
SIGNATURE OF FIRST INVENTOR	XXXX 		
PRINTED NAME OF INVENTOR	Alexandre Palus		
DATE	XXXX 5/31/2013		
RESIDENCE (CITY AND STATE)	Austin, Texas		

After recording, return Assignment to:

Texas Instruments Incorporated
PO Box 655474, M/S 3999
Dallas, TX 75265

PATENT
REEL: 030537 FRAME: 0168

):ROBERT D. MARSHALL, JR. COMPANY:TEXAS INSTRUMENTS INCORPORATED

Mar-12-2013 10:42 AM Texas Instruments Inc. 214-479-1273

5/5

TI-63377

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Date 06.03.2013

PATENT

REEL: 030537 FRAME: 0169

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Mar-12-2013 10:42 AM Texas Instruments Inc. 214-479-1273

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TI-63377

Method and System for Detecting a Failure in an Error Correcting Unit
Title of Invention

Peter Sautter, Harald Tschentscher, Carsten Gebauer, Berthold Fehrenbacher, and
Alexandre Palus

Inventors

PCT Application No. PCT/EP2007/009542 Filed: November 3, 2007

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

Executed for and on behalf of Robert Bosch GmbH

Name: _____

Title: _____

Date: _____

and by the INVENTOR(S):


(1)

Peter Sautter

NAME

Rosenweg 13, 74348 Lauffen Germany

Address

Date 28.02.2013. P.S. 

(2)


Harald Tschentscher

← Harald

NAME

Kantstr. 36, 71723 Grossbottwar, Germany

Address

Date 28.2.13 

PATENT

RECORDED: 05/31/2013

REEL: 030537 FRAME: 0170