Form **PTO-1595** (Rev. 03-09) OMB No. 0651-0027 (exp. 03/31/2009)

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OMB No. 0651-0027 (exp. 03/31/2009)	United States Patent and Trademark Office				
RECORDATION FORM COVER SHEET PATENTS ONLY TI-66280 (1962-55200)					
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.					
1. Name of conveying party(ies)Peter CONSIDINEJanuary 7, 2010Olivier DEPUITSDecember 22, 2009Jagdish Chand GOYALDecember 24, 2009	2. Name and address of receiving party(ies) Name:TEXAS INSTRUMENTS INCORPORATED Internal Address:				
Additional name(s) of conveying party(ies) attached? 🗌 Yes 🗸 No					
3. Nature of conveyance/Execution Date(s): Execution Date(s) see dates above right of conveying parties	Street Address:				
Security Agreement Change of Name	<sub>city:</sub> Dallas				
Joint Research Agreement	<sub>State:</sub> Texas				
Government Interest Assignment	Country: US Zip: 75265				
Executive Order 9424, Confirmatory License					
4. Application or patent number(s):	Additional name(s) & address(es) attached? [] Yes [ No<br document is being filed together with a new application.				
A. Patent Application No.(s) 12/683,872 Additional numbers att	B. Patent No.(s)				
5. Name and address to whom correspondence	6. Total number of applications and patents				
concerning document should be mailed: Name: TEXAS INSTRUMENTS INCORPORATED	involved: One				
Hame	7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40</u>				
Internal Address:	Authorized to be charged to deposit account				
Street Address: P. O. Box 655474					
	None required (government interest not affecting title)				
<sub>City:</sub> Dallas	8. Payment Information				
State: TexasZip: 75265					
Phone Number: (972) 917-5452	Deposit Account Number 20-0668				
Fax Number: (972) 917-4418	Authorized User Name_Bill Kempler				
Email Address; <u>w-kempler@tl.com</u>					
9. Signature: /Alan D. Christenson/	January 7, 2010				
Alan D. Christenson	Date   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 malled to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 t.

PATENT REEL: 023755 FRAME: 0742 -/1

## ASSIGNMENT

#### TI-66280 (1962-55200)

#### PARTIES:

- 1. **TEXAS INSTRUMENTS FRANCE (ASSIGNOR)** a company organised and existing under the laws of France, with its principal place of business at 821 Avenue Jack Kilby, B.P.5, 06271 Villeneuve-Leubet, FRANCE;
- TEXAS INSTRUMENTS INCORPORATED (ASSIGNEE) a company organised and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, Dallas, Texas 75251, United States of America;

### RECITALS:

- A. **ASSIGNOR** is jointly entitled with **ASSIGNEE** to the full and exclusive right, title and interest in and to certain inventions in respect of which at least one application for letters patent ("the Application") has been filed as set forth in the Schedule to this Assignment;
- B. ASSIGNOR has agreed to assign to the ASSIGNEE the full and exclusive right, title and interest in and to the inventions and the Application in respect of all states except FRANCE upon the terms and conditions set forth below;

#### **OPERATIVE PROVISIONS:**

In pursuance of an earlier agreement, and in consideration of the sum payable in respect thereof (receipt of which is hereby acknowlodged) the ASSIGNOR hereby:

- (i) ASSIGNS unto the ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest in and to the inventions in all states except FRANCE, and in and to the Application in respect of all states except FRANCE, and to all letters patents that may issue from the Application or be issued in respect of the inventions, and in and to all divisions, reissues, substitutions, continuations, and extensions of the Application or any application for letters patent filed in respect of said inventions; and the right to file applications for, and obtain letters patent, and to claim priority under the terms of the International Convention for the Protection of Industrial Property or any other relevant convention;
- (ii) authorises and requests that the national authorities of each state (except FRANCE) issue the Application, and any and all letters patent issued in respect of the inventions, or any and all letters patent resulting from the Application, insofar as Assignor's interest is concerned to the said ASSIGNEE, as assignee of the full and exclusive right, title and interest in and to the Application and the inventions. ASSIGNOR further agrees to execute any and all applications for letters patent, assignments, affidavits, and any other papers in connection therewith necessary to perfect patent rights, and generally to do everything possible to aid said ASSIGNEE, its successors, assigns and nominces to obtain and enforce proper patent protection for tald inventions in all countries.

SCHEDULE
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#### THE APPLICATION(S)

APPLICATION NUMBER	DATE FILED	TITLE
EP 09290881.3	November 25, 2009	TRANSMITTER WITH INTERNAL COMPENSATION FOR VARIANCE IN DIPFERENTIAL DATA LINE IMPEDANCE
US		TRANSMITTER WITH INTERNAL COMPENSATION FOR VARIANCE IN DIFFERENTIAL DATA LINE IMPEDANCE

# PATENT REEL: 023755 FRAME: 0743

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

Executed for and	on behalf of TEXAS INSTRUMENTS FRANCE
Ву	_ Mm sit.
Name:	Christian TORDO
Title:	- Monseging Diartor
Date:	Jennery 5K, de 10.

#### ACKNOWLEDGEMENT

We, **Peter Considine**, Olivier Depuits, and Jagdish Chand Goyal, co-inventors of certain new and useful improvements in the above entitled invention for which an application for letters patent is about to be made, acknowledge that we were each employees of **TEXAS INSTRUMENTS FRANCE** on the date on which said invention was conceived and reduced to practice, that our invention was made in the course of our normal or specifically assigned duties as employees of **TEXAS INSTRUMENTS FRANCE** and that under French National Law our invention and all rights in it belong to **TEXAS INSTRUMENTS FRANCE**.

I/We each hereby further agree that we will communicate to TEXAS INSTRUMENTS FRANCE or to its successors, assigns and legal representatives, any facts known to us respecting said invention, and at the expense of TEXAS INSTRUMENTS FRANCE, will 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 FRANCE, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, the each inventor has hereto set his hand and scal;

 $\backsim$ 

Name: Peter Considine

Name: Olivier Depuits

7/ JAN /2010 Date

2214212

Date

Name: Jagdish Chand Goyal

Date

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

Executed for and on behalf of TEXAS INSTRUMENTS FRANCE

By.	
Name;	— Ланинаан р / у у у анализия произволяется произ Валасти и станов с
Tute:	
Date:	

#### ACKNOWLEDGEMENT

We, Peter Considine, Olivier Depuits, and Jagdish Chand Goyal, co-inventors of certain new and useful unprovements in the above entitled invention for which an application for letters patent is about to be made, acknowledge that we were each employees of TEXAS INSTRUMENTS FRANCE on the date on which said unvention was conceived and reduced to practise, that our invention was made in the course of our normal or specifically assigned duties as employees of TEXAS INSTRUMENTS FRANCE and that under French National Law our invention and all rights in it belong to TEXAS INSTRUMENTS FRANCE.

We each hereby further agree that we will communicate to TEXAS INSTRUMENTS FRANCE or to its successors, assigns and legal tepresentatives, any facts known to us respecting said invention, and at the expense of TEXAS INSTRUMENTS FRANCE, will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, release and substitute applications, make all lawful oaths and generally do everything possible to aid said TEXAS INSTRUMENTS FRANCE, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, the each inventor has hereto set his hand and seal;

Name:	Peter	Considine
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Date

Name: Olivier Depuits

Date

Name: Jagdish Chand Goyal

Dec March 09 Date

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Page 2 of 2

**RECORDED: 01/07/2010**