

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Alan V McCree</td> <td>12/23/2005</td> </tr> <tr> <td>Takahiro Unno</td> <td>11/28/2005</td> </tr> <tr> <td>Thierry LeGall</td> <td>11/26/2005</td> </tr> <tr> <td>Sebastien Guiriec</td> <td>11/26/2005</td> </tr> </tbody> </table>		Name	Execution Date	Alan V McCree	12/23/2005	Takahiro Unno	11/28/2005	Thierry LeGall	11/26/2005	Sebastien Guiriec	11/26/2005
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RECEIVING PARTY DATA											
Name:	Texas Instruments Incorporated										
Street Address:	7839 Churchill Drive										
Internal Address:	M/S 3999										
City:	Dallas										
State/Country:	TEXAS										
Postal Code:	75251										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11323567</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11323567						
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CORRESPONDENCE DATA											
Fax Number:	(972)917-4418										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	9729174365										
Email:	g-sansom@ti.com										
Correspondent Name:	Carlton H. Hoel										
Address Line 1:	7839 Churchill Drive										
Address Line 2:	M/S 3999										
Address Line 4:	Dallas, TEXAS 75251										
ATTORNEY DOCKET NUMBER:	TI-38922										
NAME OF SUBMITTER:	Carlton H. Hoel										

CH \$40.00 11323567

Total Attachments: 4

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Attorney Docket No.
TI-38922

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, the said application having been executed on the date set forth below; and

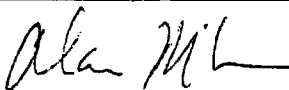
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, 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 foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent 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.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE OF INVENTION	Acoustic Echo Devices and Methods
SIGNATURE OF INVENTOR AND NAME	 Alan V. McCree
DATE	12/28/05
RESIDENCE (CITY AND STATE)	Acton, Massachusetts
DATE DECLARATION SIGNED	12/23/05

TITLE OF INVENTION	Acoustic Echo Devices and Methods
SIGNATURE OF INVENTOR AND NAME	<i>Takahiro Unno</i> Takahiro Unno
DATE	11-28-05
RESIDENCE (CITY AND STATE)	Richardson, Texas
DATE DECLARATION SIGNED	11-28-05

TITLE OF INVENTION	Acoustic Echo Devices and Methods
SIGNATURE OF INVENTOR AND NAME	 Thierry Le Gall
DATE	November 24, 2005
RESIDENCE (CITY AND STATE)	Guipavas, France
DATE DECLARATION SIGNED	November 24, 2005

TITLE OF INVENTION	Acoustic Echo Devices and Methods
SIGNATURE OF INVENTOR AND NAME	<i>Guiriec</i> Sebastien Guiriec
DATE	November 24, 2005
RESIDENCE (CITY AND STATE)	Cagnes Sur Mer, France
DATE DECLARATION SIGNED	November 24, 2005

After recording, return Assignment to:

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