PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Lars Risbo	09/30/2011
Milind Anil Borkar	09/28/2011
Theis Buchwald Christiansen	09/30/2011

RECEIVING PARTY DATA

Name:	Texas Instruments Incorporated	
Street Address:	2500 TI Boulevard	
Internal Address:	MS 3999	
City:	Dallas	
State/Country:	TEXAS	
Postal Code:	75243	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13247538

CORRESPONDENCE DATA

 Fax Number:
 (214)479-1273

 Phone:
 214-479-1241

 Email:
 uspto@ti.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Texas Instruments Incorporated

Address Line 1: P O BOX 655474

Address Line 2: MS 3999

Address Line 4: Dallas, TEXAS 75265

ATTORNEY DOCKET NUMBER: TI-71350

NAME OF SUBMITTER: Michelle R. Mizerak

PATENT

REEL: 027295 FRAME: 0427

\$40.00 13247*5*38

Total Attachments: 4

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ASSIGNMENT

WHERE	AS, I, the undersigne	ed inventor (or one	of the undersign	ned joint inventors),	of residence as listed,	having invented certain
new and useful im	provements as below	v entitled, for whic	h application for	United States Lette	rs Patent is made.	

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 therefor, 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	Thermal Control of Voice Coils in Loudspeakers		
NONPROVISIONAL APPLICATION NO.		FILING DATE	2011-09-28
SIGNATURE OF INVENTOR			
PRINTED NAME OF INVENTOR	Lars Risbo		
DATE			
RESIDENCE (CITY AND STATE)	Hvalsoe, Denmark		

Application No.

Attorney Docket No. TI-71350

SIGNATURE OF INVENTOR	Telporten/
PRINTED NAME OF INVENTOR	Milind Anil Borkar
DATE	9/28/2011
RESIDENCE (CITY AND STATE)	Dallas, TX

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Theis Buchwald Christiansen
DATE	
RESIDENCE (CITY AND STATE)	Kobenhavn N Denmark

After recording, return Assignment to:

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

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.

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 therefor, 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	Thermal Control of Voice Coils in Loudspeakers		
NONPROVISIONAL APPLICATION NO.	FILING DATE 2011-09-28		
SIGNATURE OF INVENTOR	And The second		
PRINTED NAME OF INVENTOR	Lars Risbo		
DATE	30.09.2011		
RESIDENCE (CITY AND STATE)	Hvalsoe, Denmark		

Application No.

Attorney Docket No. TI-71350

SIGNATURE OF INVENTOR		
PRINTED NAME OF INVENTOR	Millind Anil Borker	
DATE		
RESIDENCE (CITY AND STATE)	Dallas, TX	

SIGNATURE OF INVENTOR	This
PRINTED NAME OF INVENTOR	Theis Buchwald Christiansen
DATE	C9/30/2011
RESIDENCE (CITY AND STATE)	Kobenhavn N Denmark

After recording, return Assignment to:

RECORDED: 11/29/2011

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