

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Henry Litzmann Edwards	09/11/2008
Chris Bowen	09/10/2008
Tathagata Chatterjee	09/10/2008
RECEIVING PARTY DATA	
Name:	Texas Instruments Incorporated
Street Address:	PO BOX 655474
City:	Dallas
State/Country:	TEXAS
Postal Code:	75265
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12204604
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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Correspondent Name:	TEXAS INSTRUMENTS INCORPORATED
Address Line 1:	P O BOX 655474, M/S 3999
Address Line 4:	DALLAS, TEXAS 75265
ATTORNEY DOCKET NUMBER:	TI-65207
NAME OF SUBMITTER:	Wade J. Brady III
Total Attachments: 2 source=TI-65207_executed_Assignment#page1.tif source=TI-65207_executed_Assignment#page2.tif	

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PATENT

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REEL: 021594 FRAME: 0117

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

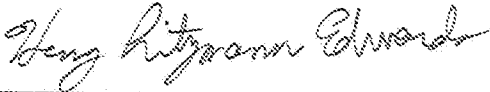
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said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

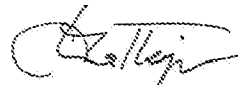
I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the Paris Convention for the Protection 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	Gated Quantum Resonant Tunneling Diode Using CMOS Transistor with Modified Pocket and LDD Implants
SIGNATURE OF INVENTOR AND NAME	Henry Litzmann Edwards 
DATE	9/11/2008
RESIDENCE (CITY AND STATE)	Garland, Texas
DATE APPLICATION EXECUTED	

TITLE OF INVENTION	Gated Quantum Resonant Tunneling Diode Using CMOS Transistor with Modified Pocket and LDD Implants
SIGNATURE OF INVENTOR AND NAME	Chris Bowen 
DATE	09/10/08
RESIDENCE (CITY AND STATE)	Lucas, Texas
DATE APPLICATION EXECUTED	

TITLE OF INVENTION	Gated Quantum Resonant Tunneling Diode Using CMOS Transistor with Modified Pocket and LDD Implants
SIGNATURE OF INVENTOR AND NAME	Tathagata Chatterjee 
DATE	09/10/08
RESIDENCE (CITY AND STATE)	Allen, Texas
DATE APPLICATION EXECUTED	

After recording, return Assignment to:

Wade J. Brady III
 Texas Instruments Incorporated
 PO Box 655474, M/S 3999
 Dallas, TX 75265