

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Timothy D Anderson	09/26/2007
Lewis Nardini	09/26/2007
Jose L Flores	09/25/2007
Abhijeet Chachad	09/25/2007
Raguram Damodaran	09/25/2007
Joseph R.M. Zbiciak	09/25/2007
Gary L Swoboda	11/06/2007

RECEIVING PARTY DATA

Name:	Texas Instruments Inc
Street Address:	7839 Churchill Way
Internal Address:	MS 3999
City:	Dallas
State/Country:	TEXAS
Postal Code:	75251

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11855602

CORRESPONDENCE DATA

Fax Number: (972)917-4418
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 9729175290
Email: r-barnum@ti.com
Correspondent Name: Robert D. Marshall, Jr.
Address Line 1: 7839 Churchill Way
Address Line 2: MS 3999
Address Line 4: Dallas, TEXAS 75251

PATENT

500394954

REEL: 020089 FRAME: 0976

CH \$40.00 11855602

ATTORNEY DOCKET NUMBER:

TI-62328

NAME OF SUBMITTER:

Robert D. Marshall, Jr.

Total Attachments: 7

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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

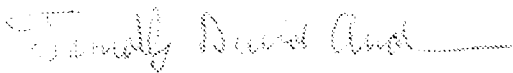
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said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

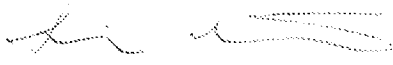
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents 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.

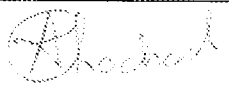
I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute 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.

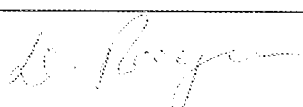
IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE OF INVENTION	Entry/Exit Control To/From a Low Power State in a Complex Multi Level Memory System
SIGNATURE OF INVENTOR AND NAME	 Timothy David Anderson
DATE	9/26/07
RESIDENCE (CITY AND STATE)	Dallas, TX
DATE DECLARATION SIGNED	9/26/07

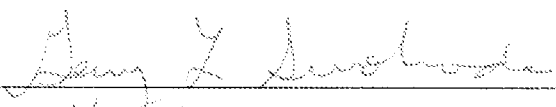
TITLE OF INVENTION	Entry/Exit Control To/From a Low Power State in a Complex Multi Level Memory System
SIGNATURE OF INVENTOR AND NAME	 Lewis Nardini
DATE	08/26/07
RESIDENCE (CITY AND STATE)	Richardson, TX
DATE DECLARATION SIGNED	09/26/07

TITLE OF INVENTION	Entry/Exit Control To/From a Low Power State in a Complex Multi Level Memory System
SIGNATURE OF INVENTOR AND NAME	 Jose Luis Flores
DATE	9/26/07
RESIDENCE (CITY AND STATE)	Richardson, TX
DATE DECLARATION SIGNED	9/26/07

TITLE OF INVENTION	Entry/Exit Control To/From a Low Power State in a Complex Multi Level Memory System
SIGNATURE OF INVENTOR AND NAME	 Abhijeet Chachad
DATE	9/25/07
RESIDENCE (CITY AND STATE)	Plano, TX
DATE DECLARATION SIGNED	9/25/07

TITLE OF INVENTION	Entry/Exit Control To/From a Low Power State in a Complex Multi Level Memory System
SIGNATURE OF INVENTOR AND NAME	 Raguram Damodaran
DATE	9/25/07
RESIDENCE (CITY AND STATE)	Plano, TX
DATE DECLARATION SIGNED	9/25/07

TITLE OF INVENTION	Entry/Exit Control To/From a Low Power State in a Complex Multi Level Memory System
SIGNATURE OF INVENTOR AND NAME	Joseph R. M. Zbiciak
DATE	9-28-07
RESIDENCE (CITY AND STATE)	Arlington, TX
DATE DECLARATION SIGNED	9-28-07

TITLE OF INVENTION	Entry/Exit Control To/From a Low Power State in a Complex Multi Level Memory System
SIGNATURE OF INVENTOR AND NAME	Gary Swoboda 
DATE	11-06-07
RESIDENCE (CITY AND STATE)	Sugarland, TX
DATE DECLARATION SIGNED	11-06-07

After recording, return Assignment to:

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