Form PTO-1595 (Rev. 03-09) OMB No. 0651-0027 (exp. 03/31/2009)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
RECORDATION FOR PATENT	
To the Director of the U.S. Patent and Trademark Office; Please	record the attached documents or the new address(es) below.
Name of conveying party(ies)	2. Name and address of receiving party(ies)
Patrick Peter Siniscalchi Richard Knight Hester	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)September 18, 2009  X Assignment Merger  Security Agreement Change of Name  Joint Research Agreement  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other  4. Application or patent number(s): This  A. Patent Application No.(s)	Street Address: P.O. 80x 655474  M/5 3999  City: Dallas  State: Texas  Country: U5  Additional name(s) & address(es) attached? Yes X No document is being filed together with a new application.  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	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address:  Street Address: P.O. Box 655474	Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)
	8. Payment Information
State: <u>Texas</u> Zip: <u>75265</u>	
Phone Number:Fax Number: 972-917-4418 Email Address:	Deposit Account Number <u>200668</u> Authorized User Name <u>Texas Instruments, Inc.</u>
9. Signature: /Nicholas T. Peters/ Signature	2009-10-01  Date  Total number of pages including cover
Nicholas T. Peters Name of Person Signing	sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 023313 FRAME: 0467

No. 8833 P. 3/4

Serial No. 12/568,265

## **ASSIGNMENT**

Attorney Docket No. TI-67614

WHEREAS, 1, 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 self 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 seel this day and year;

TITLE OF INVENTION	Variable Timing Switching System and Method
SIGNATURE OF INVENTOR AND NAME	Patrick Peter Siniscalchi
RESIDENCE (CITY AND STATE)	133 Sarah Way Murphy, TX 75094
DATE DECLARATION SIGNED	9/18/09

PATENT REEL: 023313 FRAME: 0468 TI-67614 Page 2

TITLE OF INVENTION	Variable Timing Switching System and Method
SIGNATURE OF INVENTOR AND NAME	Richard Knight Hester
RESIDENCE (CITY AND STATE)	5811 North Woodcreek Circle McKinney, TX 75071
DATE DECLARATION SIGNED	9/18/09

PATENT REEL: 023313 FRAME: 0469

**RECORDED: 10/01/2009**