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Vladimir Alexander Muratov Stefan Wlodzimierz Wiktor  3. Nature of Conveyance: X_Assignment Merger Security Agreement Change of Name Other  Execution Date: Muratov (04/23/2003) and Wiktor (04/21/2003)  4. Application number(s) or patent number(s). X_ This document is being filed together with a new application.  Title: MULTI-PHASE AND MULTI-MODULE FWITH A CURRENT SHARE BUS  A. Patent Application No.(s) S.N Filed: Additional number attached? Yes X No  5. Name and address of party to whom correspondence concerning document should be mailed:  Dan Swayze Texas Instruments Incorporated P. O. Box 655474, M/S 3999 Dallas, TX 75265 Tel: (972) 917-5633  7.	Name and Address of receiving party(ies):  me: Texas Instruments Incorporated dress: P. O. Box 655474 M/S 3999  ty: Dallas, TX 75265  untry: United States of America ditional name(s) & address(es) attached? Yes X N
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8.	
	Amount of fee authorized to be charged: \$40.
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To the best of my knowledge and belief, the foregoing information is true a	nd correct and any attached copy is a true copy of the orig
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**PATENT REEL: 014025 FRAME: 0188** 

ATTORNEY'S DOCKET: TI-35382

## 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 its principal office at 7839 Churchill Way, M.S. 3999, Dallas, TX 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 therefore, 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, affid avits, 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	MULTI-PHASE AND MULTI-MODULE POWER SYSTEM WITH A CURRENT SHARE BUS		
SIGNATURE OF INVENTOR AND NAME	(1) Vladimir Alexander Muratov	(2) Sie Look (3) Stefan Wlodzimierz Wiktor	
DATE	4123/03	4/21/03	
RESIDENCE (City, County, State)	Manchester, Hillsborough County, New Hampshire	Raleigh, Wake County, North Carolina	
DATE APPLICATION EXECUTED	4/23/03	4/21/03	

After recording return Assignment to:

RECORDED: 04/29/2003

Dan Swayze Texas Instruments Incorporated P. O. Box 655474, M/S 3999 Dallas, TX 75265

> PATENT REEL: 014025 FRAME: 0189