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	U.S. Department of Commerce Patent and Trademark Office					
TI-38764 PATENTS ONLY						
To the Commissioner for Patents. Please record the attached original documents or copy thereof.						
Name of conveying party(ies):	Name and Address of receiving party(ies):					
Kaiyuan Chen	Name: TEXAS INSTRUMENTS INCORPORATED					
Joe Trogolo Tathagata Chatterjee	Address: P.O. Box 655474, MS 3999					
Steve Merchant	City: Dallas					
	State: TX Zip: 75265					
	Additional name(s) & address(es) attached?Yes _X_ No					
Nature of Conveyance:						
XAssignmentMerger						
Security Agreement Change of Name						
Other						
Execution Date: 10/14/2004						
Application number(s) or patent number(s).						
Execution date of the application: 10/14/2004						
Title: A High-Voltage Junction Field Effect Transistor and Method of M Docket No: TI-38764	anufacture Therefor					
	B. Patent No.(s)					
A. Patent Application No.(s) S.N. 10/956,863	D. Falerit No.(a)					
Additional numbers attached?YesXNo	Additional numbers attached? YesX_ No					
Name and address of party to whom correspondence concerning this document should be mailed:	Number of applications and patents involved:(1)					
Name: Peter K. McLarty, Reg. No. 44,923 Texas Instruments Incorporated						
Address: P.O. Box 655474, MS 3999						
City: Dallas						
State: TX Zip: 75265						
	7. Amount of fee enclosed or authorized to be charged: \$40					
	Deposit Account No: 20-0668 (Attach duplicate copy if paying by deposit account)					
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Date Peter K. McLarty, Reg. No. 44,923						
Total Number of Pages Including Cover Sheet, Attachments and Document: _3						

PATENT REEL: 015655 FRAME: 0404

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, having a place of business at 7839 Churchill Way, MS 3999, Dallas, Texas 75251, P.O. Box 655474, MS 3999, Dallas, Texas 75265, 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 my hand and seal this day and year;

TITLE OF INVENTION	A HIGH-VOLTAGE JUNCTION FIELD EFFECT TRANSISTOR AND METHOD OF MANUFACTURE THEREFOR			
SIGNATURE OF INVENTOR AND NAME	Kaiyuan Chen Kaiyuan Chen	Joe Trogolo	Tathagata Chatterjee	
DATE	10/14/2004	10/19/09	10/14/04	
RESIDENCE (City, State)	17818 Benchmark Dr. Dallas, TX 75252	2712 Glen Forest Lane Plano, TX 75023	1914 Edgehill Dr. Allen, TX 75013	
DATE APPLICATION EXECUTED	10/14/2004	10/14/04	10/14/04	

After recordation, please return Assignment to:

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

PATENT REEL: 015655 FRAME: 0405

SIGNATURE OF INVENTOR AND NAME	Steve Merchant	(5)	(6)
DATE	10/14/64		
RESIDENCE (City, State)	49 Technology Dr. #7 Bedford, NH 03110		
DATE APPLICATION EXECUTED	10/14/04		

RECORDED: 02/03/2005

PATENT REEL: 015655 FRAME: 0406