

TI-37677

To the Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

PR Chidambaram
Douglas T. Grider
Brian A. Smith
Haowen Bu
Lindsey Hall

2. Name and Address of receiving party(ies):

Name: TEXAS INSTRUMENTS INCORPORATED
Address: P.O. Box 655474, MS 3999
City: Dallas
State: TX Zip: 75265

Additional name(s) & address(es) attached? ___ Yes No

3. Nature of Conveyance:

Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other _____

Execution Date: Hall 10/12/2004; Chidambaram, Bu 10/13/2004; Grider 10/14/2004; Smith 10/15/2004

4. Application number(s) or patent number(s).

Execution date of the application: Hall 10/12/2004; Chidambaram, Bu 10/13/2004; Grider 10/14/2004; Smith 10/15/2004
Title: Drive Current Improvement from Recessed SiGe Incorporation Close to Gate
Docket No: TI-37677

A. Patent Application No.(s)
S.N. 10/901,568

B. Patent No.(s)

Additional numbers attached? ___ Yes No

Additional numbers attached? ___ Yes No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Peter K. McLarty, Reg. No. 44,923
Texas Instruments Incorporated
Address: P.O. Box 655474, MS 3999
City: Dallas
State: TX Zip: 75265

6. Number of applications and patents involved: ___(1)___

7. Amount of fee enclosed or authorized to be charged: \$40

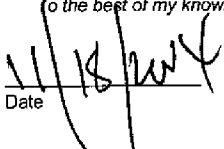
8. Deposit Account No: 20-0668 (Attach duplicate copy if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date



Peter K. McLarty, Reg. No. 44,923

Total Number of Pages Including Cover Sheet, Attachments and Document: 5

CH \$40.00 200668 10901568

Attorney Docket No.
TI-37677

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


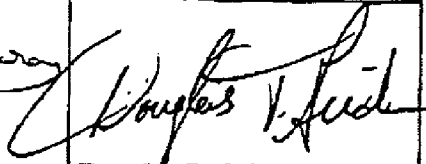
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at P.O. Box 655474, MS 3999, Dallas, Texas 75265, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;


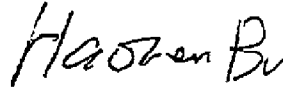
NEW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents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

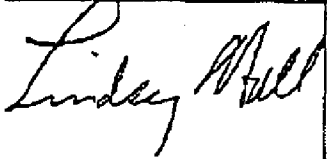
I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for 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	DRIVE CURRENT IMPROVEMENT FROM RECESSED SIG. INCORPORATION CLOSE TO GATE	
SIGNATURE OF INVENTOR AND NAME	 PR Chidambaram	 Douglas T. Grider
DATE	10/13/04	10/14/04
RESIDENCE (CITY AND STATE)	4431 Courtney Lane Richardson, Texas 75082	2724 Frontier Lane McKinney, Texas 75071
DATE APPLICATION EXECUTED	10/13/04	10/14/04

TITLE OF INVENTION	DRIVE CURRENT IMPROVEMENT FROM RECESSED SiGe INCORPORATION CLOSE TO GATE	
SIGNATURE OF INVENTOR AND NAME	 Brian A. Smith	 Haowen Bu
DATE	10/15/04	10/13/04
RESIDENCE (CITY AND STATE)	5717 Tribune Way Plano, Texas 75094	6708 Gray Wolf Drive Plano, Texas 75024
DATE APPLICATION EXECUTED	10/15/04	10/13/04

TITLE OF INVENTION	DRIVE CURRENT IMPROVEMENT FROM RECESSED SIG: INCORPORATION CLOSE TO GATE	
SIGNATURE OF INVENTOR AND NAME	 Lindsey Hall	
DATE	10/12/04	
RESIDENCE (CITY AND STATE)	1505 Beaver Creek Drive Plano, Texas 75093	
DATE APPLICATION EXECUTED	10/12/04	

After recording, return Assignment to: Peter McLarty, Esq.
Texas Instruments Incorporated
P.O. Box 655474, M/S 3999
Dallas, TX 75265