

01 -21 -2000



FORM PTO-1595

Docket Number: TI-29859

MAN  
12/27/99

101248386

U.S. Department of Commerce  
Patent and Trademark Office

To the Ass't Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

George Palaskas  
Shanthi Y. Pavan

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

Name: Texas Instruments Inc.  
Address: P.O. Box 655474 M/S 3999  
City: Dallas, Texas 75265  
Country: United States of America

JC490 U.S. PTO  
09/472702  
12/27/99

Additional names(s) attached? Yes  No

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

3. Nature of Conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: December 22, 1999, December 23, 1999

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

This document is being filed together with a new application.

Execution date of the application: December 27, 1999

Title: **MOBILITY COMPENSATION IN MOS INTEGRATED CIRCUITS**

A. Patent Application No.(s)

S.N  
Additional number attached? Yes  No

B. Patent No.(s)

Additional numbers attached? Yes  No

09/472702

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

Christopher L. Maginniss  
Texas Instruments Incorporated  
P.O. Box 655474, M/S 3999  
Dallas, TX 75265  
972-917-4259

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

DO NOT USE THIS SPACE

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.

December 27, 1999  
Date

Kay Houston, Reg. No. 38,495

Total Number of Pages Including Cover Sheet, Attachments and Document: 3

**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

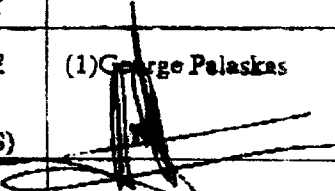
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at 7839 Churchill Way, M. S. 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the 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 and 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 my 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	<b>MOBILITY COMPENSATION IN MOS INTEGRATED CIRCUITS</b>		
SIGNATURE OF INVENTOR(S)	(1)  George Pelaskas	(2) Shanthi Y. Pavan	(3)
DATE	12/23/99		
RESIDENCE (City, County, State)	New York, New York	Piscataway, New Jersey	
DATE APPLICATION EXECUTED			

After recording return Assignment to:

Christopher L. Maginniss  
Texas Instruments Incorporated  
P.O. Box 655474, M/S 3999  
Dallas, TX 75265

DOCKET NO.  
 TL-21639

**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

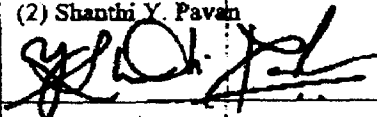
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with its principal office at 7839 Churchill Way, M. S. 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the 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 and 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	MOBILITY COMPENSATION IN MOS INTEGRATED CIRCUITS		
SIGNATURE OF INVENTOR(S)	(1) George Palaskas	(2) Shanthi Y. Pavan 	(3)
DATE		12/22/1999	
RESIDENCE (City, County, State)	New York, New York	Piscataway, New Jersey	
DATE APPLICATION EXECUTED			

After recording return Assignment to: Christopher L. Maginniss  
 Texas Instruments Incorporated  
 P.O. Box 655474, M/S 3999  
 Dallas, TX 75265