

03-27-2000

FORM PTO-1595

TI-29049



U.S. Department of Commerce
Patent and Trademark Office

2-22-00

To the Honorable Commissioner of Patent.

101309293

Additional documents or copy thereof.

1. Name of conveying party(ies):

- 1) **Chaitali Sengupta** (1/12/00)
- 2) **Carl Panasik** (1/12/00)

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 X No

3. Nature of Conveyance:

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

Execution Date: *January 12, 2000*



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

09510086

X This document is being filed together with a new application.

Execution date of the application: *January 12, 2000*
 Title: *Wireless Communication System Utilizing Doppler Diversity*
 Docket No: *TI-29049*

A. Patent Application No.(s)
XX/XXX,XXX

B. Patent No.(s)
X,XXX,XXX

Additional numbers attached? ___ Yes X No

Additional numbers attached? ___ Yes X No

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

Name: Mark E. Courtney
 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

1 x \$40 = \$40

8. Deposit Account No: 20-0668 of Texas Instruments Incorporated

03/24/2000 DNGUYEN 00000522 200668 09510086

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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.

February 22, 2000
Date

Mark E. Courtney, Reg. No. 36,491

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 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	Wireless Communication System Utilizing Doppler Diversity		
SIGNATURE OF INVENTOR AND NAME	<i>Chaitali Sengupta</i> Chaitali Sengupta	<i>Carl Panasik</i> Carl Panasik	
DATE	<i>12 Jan 2000</i>	<i>12 JAN 00</i>	
RESIDENCE (CITY AND STATE)	Dallas, Texas	Garland, Texas	
DATE APPLICATION EXECUTED	<i>12 Jan 2000</i>	<i>12 JAN 00</i>	

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