

5-21-99

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TI-29086

FORM PTO-1595



HEET

U.S. Department of Commerce
Patent and Trademark Office

101051502

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

ANAND G. DABAK
ALAN GATHERER
SUNDARARAJAN SRIRAMAdditional name(s) & address(es)
Attached? ☐ Yes ☒ No

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

Name: Texas Instruments Incorporated

Address: P. O. Box 655474, M.S. 3999

City: Dallas

State: Texas Zip: 75265

Additional name(s) & address(es)
attached? ☐ Yes ☒ NoJCS42 U.S. PRO
09/316193

05/21/99

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____Execution Date: May 18, 1999, May 19, 1999, and May 20, 1999.

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

If this document is being filed together with a new application, the execution date of the application is: May 18, 1999, May 19, 1999, and May 20, 1999.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ NoAdditional numbers attached? ☐ Yes ☒ No

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

Name: Robert N. Rountree
Address: Texas Instruments Incorporated
P. O. Box 655474, M.S. 3999
City: Dallas
State: Texas Zip: 752656. Number of applications and patents involved: 17. Amount of fee enclosed or authorized to be charged: \$40.008. Deposit account number: 20-0668 ✓

06/01/1999 JSHABAZZ 00000123 200668 09316193

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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.
SignatureRobert N. Rountree, Reg. No. 39,347
Name of Person Signing5/21/99
DateTotal number of pages including cover sheet, attachments and document: 2.

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

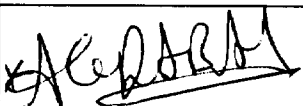

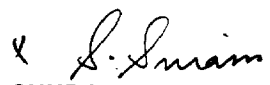
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, Mail Station 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and 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 Assistant Commissioner for Patents 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	REDUCED COMPLEXITY SYNCHRONIZATION CODES WITH GOOD CORRELATION PROPERTIES FOR PRIMARY AND SECONDARY SCH OF WCDMA SYSTEM		
SIGNATURE OF INVENTOR AND NAME	 ANAND G. DABAK	 ALAN GATHERER	 SUNDARARAJAN SRIRAM
DATE	X 18 th May 1999	X 20 th May 99	X 19 th May 1999
RESIDENCE (City, County, State)	Richardson, Dallas, Texas	Richardson, Dallas, Texas	Dallas, Dallas, Texas
DATE APPLICATION EXECUTED	X 18 th May 1999	X ^{A.G.} 20 th May 99	X 19 th May 1999

After recordation, please return Assignment to

ROBERT N. ROUNTREE
Texas Instruments Incorporated
P. O. Box 655474, MS 3999
Dallas, TX 75265