

04-17-2003

FORM PTO-1595

TI-34830

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U.S. Department of Commerce
Patent and Trademark Office

102422485

To the Honorable Commissioner of Patents and Trade.

See the attached original documents or copy thereof.

1. Name of conveying party(ies):

- 1) Suparna Datta (04/03/2003)
- 2) Anand G. Dabak (04/01/2003)
- 3) Timothy M. Schmidl (04/01/2003)

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: April 3, 2003; April 1, 2003; April 1, 2003

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

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

Execution date of the application: April 3, 2003; April 1, 2003; April 1, 2003

Title: Adaptive Thresholds For HS-SCCH (Part I) Detection Schemes

Docket No: TI-34830

A. Patent Application No.(s)

B. Patent No.(s)

10408941

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: Ronald O. Neerings
 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 of Texas Instruments Incorporated

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.

April 8, 2003
Date

Dwight N. Holmbo
 Dwight N. Holmbo, Reg. No. 36,410

J1062 U.S. PTO
 10/408941
 04/08/03

04/16/2003 GT0N11 00000114 200668 10408941

01 FC:8021 40.00 CH

PATENT
REEL: 013956 FRAME: 0144

ASSIGNMENT **Page 1 of 1**

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, MS 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 therefore, 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	Adaptive Thresholds For HS-SCCH (Part I) Detection Schemes		
SIGNATURE OF INVENTOR AND NAME	 Suparna Datta	_____ Anand G. Dabak	_____ Timothy M. Schmidl
DATE	April 3, 2003		
RESIDENCE (City, County, State)	210 Crossing Drive #102 Cumberland, RI 02864	8625 Kendall Drive Plano, TX 75204	2808 McKinney Avenue #236 Dallas, TX 75204
DATE APPLICATION EXECUTED	April 3, 2003		

ASSIGNMENT Page 1 of 1

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

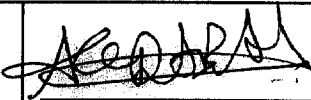
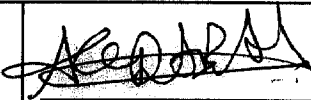
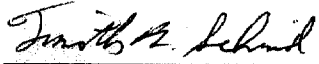
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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said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

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SIGNATURE OF INVENTOR AND NAME	 Suparna Datta	 Anand G. Dabak	 Timothy M. Schmidl
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