

04-04-2003

FORM PTO-1595

RE



U.S. Department of Commerce
Patent and Trademark Office

102410368

To the Honorable Commissioner of Patents and Trademarks, please return the attached original documents or copy thereof

1. Name of conveying party(ies):

Kofi D. Anim-Appiah, Richard G.C. Williams & Anuj Batra

3.24.03

Additional name(s) attached? ___ Yes X No

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

Name: Texas Instruments Incorporated
Internal Address: P. O. Box 655474, M/S 3999
Street Address: 7839 Churchill Way

City: Dallas

State: Texas Zip: 75265

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

10395575 U.S. PTO



03/24/03

3. Nature of Conveyance:

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

Execution Date: **March 17, 18 & 21, 2003**

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: **03/17,18 & 21/03**

A. Patent Application No.(s)

B. Patent No.(s)

10395575

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: April M. Mosby
Internal Address: P. O. Box 655474, M/S 3999
Street Address: 7839 Churchill Way

City: Dallas

State: Texas Zip: 75265

6. Number of applications and patents involved: 1

7. Amount of fee enclosed or authorized to be charged: **\$40.00**

8. Deposit account number (Attach two copies of this form if paying by deposit account): **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.

Signature

Name of Person Signing: April M. Mosby, Reg. No. 44,955

Date: 3/24/03

Total number of pages including cover sheet, attachments, and document: 7

04/03/2003 6TON11 00000148 200668 10395575

01 FC:802 L 40.00 CH

PATENT
REEL: 013910 FRAME: 0634

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

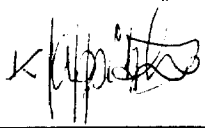
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said 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	METHOD AND APPARATUS FOR CHANNEL QUALITY METRIC GENERATION WITHIN A PACKET-BASED MULTICARRIER MODULATION COMMUNICATION SYSTEM
SIGNATURE OF INVENTOR AND NAME	Kofi D. Anim-Appiah 
DATE	3/17/03
RESIDENCE CITY AND STATE)	417 Arrowhead Drive Allen, Texas 75002
DATE APPLICATION EXECUTED	3-17-03

TITLE OF INVENTION	METHOD AND APPARATUS FOR CHANNEL QUALITY METRIC GENERATION WITHIN A PACKET-BASED MULTICARRIER MODULATION COMMUNICATION SYSTEM
SIGNATURE OF INVENTOR AND NAME	Richard G. C. Williams
DATE	
RESIDENCE CITY AND STATE)	12939 Brome Way San Diego, California 92129
DATE APPLICATION EXECUTED	

TITLE OF INVENTION	METHOD AND APPARATUS FOR CHANNEL QUALITY METRIC GENERATION WITHIN A PACKET-BASED MULTICARRIER MODULATION COMMUNICATION SYSTEM
SIGNATURE OF INVENTOR AND NAME	Anuj Batra
DATE	
RESIDENCE (CITY AND STATE)	8729 Southwestern Blvd. #1504 Dallas, Texas 75206
DATE APPLICATION EXECUTED	

After recording, return Assignment to:

Texas Instruments Incorporated
PO Box 655474, M/S 3999
Dallas, TX 75265

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, 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.

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SIGNATURE OF INVENTOR AND NAME	Kofi D. Anim-Appiah
DATE	
RESIDENCE (CITY AND STATE)	417 Arrowhead Drive Allen, Texas 75002
DATE APPLICATION EXECUTED	

TITLE OF INVENTION	METHOD AND APPARATUS FOR CHANNEL QUALITY METRIC GENERATION WITHIN A PACKET-BASED MULTICARRIER MODULATION COMMUNICATION SYSTEM
SIGNATURE OF INVENTOR AND NAME	<i>Richard G. C. Williams</i> Richard G. C. Williams
DATE	<i>3/18/03</i>
RESIDENCE (CITY AND STATE)	12939 Brome Way San Diego, California 92129
DATE APPLICATION EXECUTED	<i>3-18-03</i>

TITLE OF INVENTION	METHOD AND APPARATUS FOR CHANNEL QUALITY METRIC GENERATION WITHIN A PACKET-BASED MULTICARRIER MODULATION COMMUNICATION SYSTEM
SIGNATURE OF INVENTOR AND NAME	Anuj Batra
DATE	
RESIDENCE (CITY AND STATE)	8729 Southwestern Blvd. #1504 Dallas, Texas 75206
DATE APPLICATION EXECUTED	

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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, 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.

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SIGNATURE OF INVENTOR AND NAME	Richard G. C. Williams
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DATE APPLICATION EXECUTED	

TITLE OF INVENTION	METHOD AND APPARATUS FOR CHANNEL QUALITY METRIC GENERATION WITHIN A PACKET-BASED MULTICARRIER MODULATION COMMUNICATION SYSTEM
SIGNATURE OF INVENTOR AND NAME	Anuj Batra <i>Anuj Batra</i>
DATE	March 21, 2003
RESIDENCE (CITY AND STATE)	8729 Southwestern Blvd. #1504 Dallas, Texas 75206
DATE APPLICATION EXECUTED	March 21, 2003

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PO Box 655474, M/S 3999
Dallas, TX 75265