

09-08-1998

FORM PTO-1595
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OMB No. 0651-0011 (exp. 4/94)

RE



SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

100823535

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

8-12-8

100823535
09/19/98
PTO

1. Name of conveying party(ies):
Karl Renner, Apparajan Ganesan
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: **Texas Instruments Incorporated**

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Address: **7839 Churchill Way, Dallas, TX 75251**
Additional name(s) & address(es) attached? Yes No

Execution Date: _____

4. Application number(s) or patent number(s): _____ (Atty.Docket TI-24419)
If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Robert Groover
17000 Preston Rd. #230,
Dallas TX 75248
(972) 380-6333

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$40
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: _____
(Attach duplicate copy of this page if paying by deposit account)

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.

Oralene Jorgensen
Name of Person Signing

Oralene Jorgensen
Signature

4/24/98
Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

08/28/1998 BUCKETT 00000018 200668 09139038
03 FC:581 40.00 CH

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 13500 North Central Expressway, Dallas, Texas 75265, 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: Automatic AGC Bias Voltage Calibration in a Video Decoder;	
Inventor: Karl H. Renner	Signature: <u>Karl H. Renner</u>
Date: <u>Aug 8, 1998</u>	
Date Application Executed: <u>Aug 8, 1998</u>	
Residence and Mailing Address: 7415 Hundley, Dallas, TX 75231 Citizenship: U.S.	
Inventor: Apparajan Ganesan	Signature: _____
Date: _____	
Date Application Executed: _____	
Residence and Mailing Address: 9005 FM 973, Austin, TX 78719 Citizenship: U.S.	

ATTORNEY'S DOCKET NO.
TI-24419P

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 13500 North Central Expressway, Dallas, Texas 75265, 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.

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Inventor: Karl H. Renner	
Date: _____	Signature: _____
Date Application Executed: _____	
Residence and Mailing Address: 7415 Hundley, Dallas, TX 75231 Citizenship: U.S.	
Inventor: Apparajan Ganesan	
Date: <u>6/22 98</u>	Signature: <u>[Signature]</u>
Date Application Executed: <u>6/24 98</u>	
Residence and Mailing Address: <u>8820 Leo Street, Austin, TX 78745</u> Citizenship: U.S.	
<u>9005 FM 973 AUSTIN TX 78719</u>	