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To the Honorable Commissioner of

... original documents or copy thereof.

1. Name of conveying party(ies):

Name(s): Ching-Yu Hung
Tod D. Wolf

Additional name(s) of conveying part(ies) attached? Yes No

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

Name(s): Texas Instruments Incorporated

Address:
7839 Churchill Way
MS 3999
Dallas, Texas 75251

Additional name(s) and address(es) attached? Yes No

3. Nature of conveyance:

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

Execution Date: 24 November 1998

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: 24 November 1998

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:

Name:
Tammy L. Williams

Address:
Texas Instruments Incorporated
P.O.Box 655474, M/S 3999
Dallas, TX 75265

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:
20-0668

(Attach duplicate copy of this page if paying by deposit account)

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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.

Rodney M. Anderson
Name of person Signing

Signature

11/25/98
Date

Total number of pages including cover sheet, attachments, and document: 2

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

 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, 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 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	EFFICIENT LOOK-UP TABLE METHODS FOR REED-SOLOMON DECODING		
SIGNATURE OF INVENTOR AND NAME	<i>Ching-Yu Hung</i> Ching-Yu Hung	Yaqi Cheng	<i>Tod D. Wolf</i> Tod D. Wolf
DATE	Nov 24, 1998		11/24/1998
RESIDENCE (City, County, State)	4633 Baldwin Lane, Plano, Collin County, Texas 75024	532 Anglewood Drive, Richardson, Dallas County, Texas 75081	2107 Oak Brook Drive, Richardson, Dallas County, Texas 75081
DATE APPLICATION EXECUTED	Nov 24, 1998		11/24/1998

After recording returning Assignment to:

Tammy L. Williams, Esq.
Texas Instruments Incorporated
P.O. Box 655474, M/S 3999
Dallas, Texas 75265