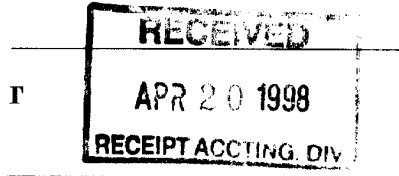


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Attorney Docket No.: TI-23455

100706491

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

1. Name of conveying party(ies): 1) Shigeru Okita 2) Texas Instruments Japan, Ltd.	2. Name and Address of receiving party(ies): Name: Texas Instruments Incorporated Address: P.O. Box 655474, MS 3999 City: Dallas, Texas State: TX Zip: 75251  Additional name(s) & address(es) attached? ___ Yes <u>X</u> No
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3. Nature of Conveyance:  
 Assignment                      \_\_\_ Merger  
 \_\_\_ Security Agreement                      \_\_\_ Change of Name  
 \_\_\_ Change of Address

Execution Date: **March 26, 1998**

4. Application number(s) or patent number(s).  
 \_\_\_ This document is being filed together with a new application.

Execution date of the application: **April 1, 1998**  
 Title: Reed-Solomon Coding Device and Method Thereof  
 Docket No: TIJ-23455

A. Patent Application No.(s): **S.N. 08/960,812**                      B. Patent No.(s)  
 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: William B. Kempler, Reg. No. 28,228 Senior Corporate Patent Counsel Texas Instruments Incorporated Address: P.O. Box 655474, MS 3999 City: Dallas State: TX Zip: 75251	6. Number of applications and patents involved: <u>(1)</u>
	7. Amount of fee enclosed or authorized to be charged: <b>\$40</b>
	8. Deposit Account No: <u>20-0668</u> (Duplicate copies not required).

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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.*

\_\_\_\_\_  
 William B. Kempler, Reg. No. 28,228

\_\_\_\_\_  
 April 13, 1998  
 Date

## ASSIGNMENT

**WHEREAS, TEXAS INSTRUMENTS JAPAN, LTD.** (hereinafter **TIJ**), a Japanese company having its headquarters at Aoyama Fuji Bldg., 6-12 Kita-Aoyama 3-Chome, Minato-ku, Tokyo, Japan, under the laws of Japan made application, in its own name, for Letters Patent in Japan in respect of an invention as set forth below;

**WHEREAS**, the or each below named inventor (hereinafter **INVENTOR**) is the or an inventor of the said invention;

**WHEREAS, TEXAS INSTRUMENTS INCORPORATED**, a corporation organized and existing under the laws of the State of Delaware, with its principal office at 13510 North Central Expressway, Dallas, Texas 75243, is desirous of acquiring our entire right, title and interest in and to the said invention outside of Japan, and in and to the U.S. patent application as identified hereinafter and any Letters Patent that may issue thereon;

**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, by this Assignment, **TIJ** and **INVENTOR** sell and assign to the said **TEXAS INSTRUMENTS INCORPORATED**, its successors and assigns, the entire right, title and interest in and to the said invention in the U.S.A. and all other countries outside Japan; in and to the U.S. patent application as identified below and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and the right to file applications and obtain patents in its own name in any said other country or group of countries, and to claim priority under the terms of the International Convention for the Protection of Industrial Property or any other relevant convention;

**TIJ** and **INVENTOR** hereby authorize and request the Commissioner of Patents to issue U.S. patents for said invention, or U.S. patents resulting therefrom, insofar as the interest of **TIJ** and **INVENTOR** is concerned to the said **TEXAS INSTRUMENTS INCORPORATED**, as assignee of the entire right, title and interest.

**TIJ** and **INVENTOR** further agree to communicate to **TEXAS INSTRUMENTS INCORPORATED** or to its successors, assigns and legal representatives, any facts known to **TIJ** and **INVENTOR** respecting the said invention, and at the expense of **TEXAS INSTRUMENTS INCORPORATED**, sign any and all patent applications, assignments, affidavits and other lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, testify in any legal or quasi-legal proceedings 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 outside of Japan.

REED-SOLOMON CODING DEVICE AND METHOD THEREOF

Title of Invention

Shigeru Okita

Inventor

Japanese Application No.: 8(1996)-288275 Filed: October 30, 1996

U.S. Application Serial No.: 08/960,812 Filed: October 30, 1997

**IN WITNESS WHEREOF**, this Agreement has been executed as set forth below;

Signed at <sup>Tokyo,</sup> Japan on April 1, 1998

by **Texas Instruments Japan, Ltd.**

Name

Toshiaki Ikoma  
Toshiaki Ikoma

Title Representative Director and President

Date

4/1/98

and by the **INVENTOR**:

Shigeru Okita  
Shigeru Okita

Tokyo-To, Shinagawa-Ku, Nishigotanda 4-22-5 Shinagawa Ku, TK Japan 141  
Address

Date

3/26/98