

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

04-06-1999

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**



101002624

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

**TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).**

**Submission Type**

- ☒ **New**
- ☐ **Resubmission (Non-Recordation)**  
Document ID#
- ☐ **Correction of PTO Error**  
Reel #  Frame #
- ☐ **Corrective Document**  
Reel #  Frame #

**Conveyance Type**

- ☒ **Assignment** ☐ **Security Agreement**
- ☐ **License** ☐ **Change of Name**
- ☐ **Merger** ☐ **Other**
- U.S. Government**  
(For Use ONLY by U.S. Government Agencies)
- ☐ **Departmental File** ☐ **Secret File**

**Conveying Party(ies)**

☐ **Mark if additional names of conveying parties attached**

**Name (line 1)**

**Execution Date**  
Month Day Year  
03 18 1999

**Name (line 2)**

**Second Party**

**Name (line 1)**

**Execution Date**  
Month Day Year  
03 18 1999

**Name (line 2)**

**Receiving Party**

☐ **Mark if additional names of receiving parties attached**

**Name (line 1)**

**Name (line 2)**

**Address (line 1)**

**Address (line 2)**

**Address (line 3)**     
City State/Country Zip Code

☐ **If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)**

**Domestic Representative Name and Address**

**Enter for the first Receiving Party only.**

**Name**

**Address (line 1)**

**Address (line 2)**

**Address (line 3)**

**Address (line 4)**

03/30/1999 SCARNICH 00000028-200668 09273833

03 FC:581

40.00 CH

**FOR OFFICE USE ONLY**

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

**Mail documents to be recorded with required cover sheet(s) information to:**  
**Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231**

**PATENT**  
**REEL: 9859 FRAME: 0486**

**Correspondent Name and Address**

**Area Code and Telephone Number** (972) 917-5633

**Name** W. Daniel Swayze, jr.

**Address (line 1)** Texas Instruments Incorporated

**Address (line 2)** P.O. Box 655474 M/S 3999

**Address (line 3)** Dallas, Texas 75265

**Address (line 4)** USA

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 1

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**


If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year  
03181999

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

only if a U.S. Application Number has not been assigned.

PCT PCT PCT  
PCT PCT PCT

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

**Fee Amount for Properties Listed (37 CFR 3.41):** \$ 40.00

**Method of Payment:**

**Deposit Account**

Enclosed ☐ Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

**Deposit Account Number:**

# 20-0668

**Authorization to charge additional fees:**

Yes ☐ No ☒

**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. Charges to deposit account are authorized, as indicated herein.

Richard A. Bachand, Reg. No. 25,107

*Richard A. Bachand*

03/22/1999

**Name of Person Signing**

**Signature**

**Date**

## 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 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 my hand and seal this day and year:

<b>TITLE OF INVENTION</b>	<b>MEDIA NOISE POST-PROCESSOR WITH VARYING THRESHOLD</b>		
<b>SIGNATURE OF INVENTOR and NAME</b>	<u>Ryohei Kuki</u> Ryohei Kuki	<u>Koshiro Saeki</u> Koshiro Saeki	
<b>DATE</b>	<u>2/18/99</u>	<u>3/18/99</u>	
<b>RESIDENCE (City, County, State)</b>	Tokyo Koto-ku Japan	Irvine Orange California	
<b>DATE APPLICATION EXECUTED</b>	<u>3/18/99</u>	<u>3/18/99</u>	

After recording, return Assignment to:

Texas Instruments Incorporated  
7839 Churchill Way, M/S 3999  
Dallas, TX 75251