

06-21-2001

FORM PTO-1595

TIJ-28717

U.S. Department of Commerce  
Patent and Trademark Office

To the Assistant Commissioner for Patents.

101755664

Proof.

1. Name of conveying party(ies):

- 6-1401
- (1) Kensho (nmi) MURATA
  - (2) Mutsumi (nmi) MASUMOTO
  - (3) Kenji (nmi) MASUMOTO
  - (4) Texas Instruments Japan, Ltd.

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

TEXAS INSTRUMENTS INCORPORATED  
P.O. Box 655474, MS 3999  
Dallas, TX 75265

Additional name(s) & address(es) attached? ☒ Yes ☐ No

3. Nature of Conveyance:

- ☒ X Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: **K. Murata, M. Masumoto and K. Masumoto, 05/10/2001; Texas Instruments Japan, Ltd., 05/16/2001**

4. Application number(s) or patent number(s).

Execution date of the application: **05/10/2001**Title: **SEMICONDUCTOR DEVICE AND ITS MANUFACTURING METHOD**Docket No: **TIJ-28717**

A. Patent Application No.(s)

S.N. **09/826,269**

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ X NoAdditional numbers attached? ☐ Yes ☒ X No

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

Name: William B. Kempler  
Senior Corporate Patent Counsel  
Texas Instruments Incorporated  
P. O. Box 655474, MS 3999  
Dallas, TX 75265

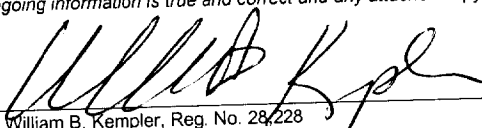
6. Number of applications and patents involved:       (1)      7. Amount of fee enclosed or authorized to be charged: **\$40**8. Deposit Account No: **20-0668, Texas Instruments Incorporated**  
(Attach duplicate copy if paying by deposit account)

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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.

William B. Kempler, Reg No. 28,228  
Person Signing Document

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

06/11/01  
Date

Total Number of Pages Including Cover Sheet, Attachments and Document:   3  

06/21/2001 LMUELLER 00000058 200668 09826269

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**PATENT**  
**REEL: 011902 FRAME: 0570**

## ASSIGNMENT

**WHEREAS, TEXAS INSTRUMENTS JAPAN, LTD.** (hereinafter **TIJ**), a Japanese company having its headquarters at 24-1 Nishi-Shinjuku 6-chome, Shinjuku-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, having a place of business at 7839 Churchill Way, Mail Station 3999, Dallas, Texas 75251, USA, is desirous of acquiring the 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.

**SEMICONDUCTOR DEVICE AND ITS MANUFACTURING METHOD**

Title of Invention

Japanese Serial No.: **2000-102,429** Filed: **April 04, 2000**

U.S. Application Serial No.: **09/826,269** Filed: **April 04, 2001**

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

Signed at Tokyo, Japan on May 16, 2001

by **Texas Instruments Japan, Ltd.**

Name   
Toshiaki Ikoma

Title Representative Director and President

Date 5/16/01

and by the **INVENTORS:**

(1)   
**Kensho (nmi) Murata**

Oita-ken Beppu-shi Osaka 10 Kumi, JAPAN  
Address

5/10/2001  
Date

(2)   
**Mutsumi (nmi) Masumoto**

Oita-ken Beppu-shi Spa Land Toyomi 17-9, JAPAN  
Address

5/10/2001  
Date

(3) Kenji Masumoto  
Kenji (nm) Masumoto

Ohita-ken Hayami-gun Hiji-machi Fujiwara 1969-26, JAPAN

Address

5/10 2001  
Date

RECORDATION FORM COVER SHEET  
PATENTS ONLYU.S. Department of Commerce  
Patent and Trademark Office

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

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(2) **Mutsumi (nmi) MASUMOTO**  
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5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William B. Kemppler  
Senior Corporate Patent Counsel  
Texas Instruments Incorporated  
P. O. Box 655474, MS 3999  
Dallas, TX 75265

6. Number of applications and patents involved:       (1)      

7. Amount of fee enclosed or authorized to be charged: \$40

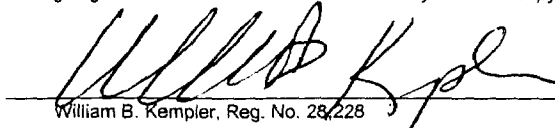
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Person Signing Document

  
William B. Kemppler, Reg. No. 28,22806/11/01  
DateTotal Number of Pages Including Cover Sheet, Attachments and Document:   3