

FORM PTO-1595

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

## PATENTS ONLY

Attorney Docket No.: 43889-721

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

1. Name of conveying party(ies): Atsushi HORI, Junichi KATO, Shinji ODANAKA, and Seiki OGURA

Additional name(s) of conveying party(ies) attached? No

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

1. Matsushita Electric Industrial Co., Ltd.  
1006, Oaza Kadoma, Kadoma-shi, Osaka 571 JAPAN  
2. HALO LSI Design and Device Technologies, Inc.  
140 Old Hopewell Road  
Wappingers Falls, NY 12590, USA

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

3. Nature of conveyance:

- ☒ Assignment  
Merger  
Security Agreement  
Change of Name  
Other

05-07-1998



100706078

Execution Date: March 25, 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:

- A. Patent Application No.(s) 09/017,216  
B. Patent No.(s)

Additional numbers attached? No

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

Edward E. Kubasiewicz, Esq.  
McDermott, Will & Emery  
600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$40.00

Enclosed

☒ Authorized to be charged to deposit Account

8. Deposit Account No: 13-0203

(Attached 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.*

Edward E. Kubasiewicz, No. 30,020

Name of Person Signing

Signature/Date: May 1, 1998

Total number of pages including cover sheet, attachments, and document: 4

05/05/1998 BHINES 00000064 150203 050721  
02 FC:581 40.00 CR  
Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 9144 FRAME: 0533

Attorney Docket No.: 43889-724

### **ASSIGNMENT TO JOINT ASSIGNEES**

WHEREAS, Atsushi HORI, Junichi KATO, Shinji ODANAKA, Seiki OGURA

hereinafter called the "Assignors," have jointly invented a new and useful invention entitled NONVOLATILE SEMICONDUCTOR MEMORY DEVICE AND METHOD FOR FABRICATING THE SAME, AND SEMICONDUCTOR INTEGRATED CIRCUIT, for which they have:

- (a) filed an application for United States Letters Patent on February, 2, 1998 as (Serial No. 09/017,216); or
- (b) executed an application for United States Letters Patent on \_\_\_\_\_; and

WHEREAS, Matsushita Electric Industrial Co., Ltd., a corporation organized and existing under the laws of Japan, having a place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571, Japan, and HALO LSI Design and Device Technologies, Inc. a corporation organized and existing under the laws of U.S.A., having a place of business at 140 Old Hopewell Rd, Wappingers Falls, NY 12590, U.S.A. hereinafter called the "Assignees," are desirous of jointly acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignors from the said Assignees is hereby acknowledged, the said Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignees, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignees, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

And the said Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist their said Assignees in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignees may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignees like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignees any and all additional papers which may be requested by the said Assignees to fully carry out the terms of this Assignment.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignees in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignors have hereunto set their hands and affixed their seals.

Date: March 25, 1998

Atsushi HORI (Seal)  
Atsushi HORI

WITNESSED:

Date: March 25, 1998

Hiroshi NAKADA (Seal)  
Hiroshi NAKADA

Date: March 25, 1998

Seiji OKUDA (Seal)  
Seiji OKUDA

Date: March 25, 1998

Junichi KATO (Seal)  
Junichi KATO

WITNESSED:

Date: March 25, 1998

Hiroshi NAKADA (Seal)  
Hiroshi NAKADA

Date: March 25, 1998

Seiji OKUDA (Seal)  
Seiji OKUDA

Date: March 25, 1998

Shinji ODANAKA

(Seal)

## WITNESSED:

Date: March 25, 1998

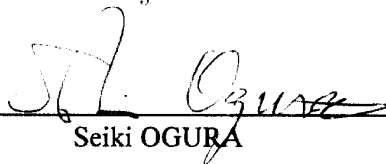
Hiroshi MAEDA

(Seal)

Date: March 25, 1998

Seiji OKUDA

(Seal)

Date: March 25, 1998

Seiki OGURA

(Seal)

## WITNESSED:

Date: March 25, 1998

Hiroshi MAEDA

(Seal)

Date: March 25, 1998

Seiji OKUDA

(Seal)