

12-14-1999

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FORM PTO-1596

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PATENTS ONLY

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 43889-897

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

1. Name of Conveying Party:

Masashi AGATA, Naoki KURODA and Makoto KOJIMA

Additional name(s) of conveying party(ies) attached? ☐ Yes

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: November 18, 1999

2. Name and address of receiving party:

Name: Matsushita Electric Industrial Co., Ltd

Address: 1006, Oaza Kadoma

Kadoma-shi, Osaka,

571-8501 JAPAN

Additional name(s) & address(es) attached? ☐ Yes

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

091447674

If the document is being filed together with a new application, the execution date of the application is: November 23, 1999

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes

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

Name: MCDERMOTT, WILL & EMERY

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: DC Zip: 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 number:

13-0203

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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.

Michael E. Fogarty Reg. No. 36,139

November 23, 1999

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 3

CMB No. 0851-0011 (exp. 4/94)

12/14/1999 TTON11 00000049 130203 09447674

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40.00 CH

PATENT
REEL: 010429 FRAME: 0006

ASSIGNMENT

WHEREAS, Masashi AGATA, Naoki KURODA, Makoto KOJIMA

hereinafter called the "Assignors," have jointly invented a new and useful invention entitled
SEMICONDUCTOR MEMORY DEVICE AND SIGNAL LINE SWITCHING CIRCUIT

_____, for which they have:

- (a) filed an application for United States Letters Patent on _____ as (Serial No. _____); or
- (b) executed an application for United States Letters Patent on November 18, 1999; 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 571-8501, Japan,
hereinafter called the "Assignee," is desirous of 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 Assignee is hereby
acknowledged, the said Assignors have sold, assigned and transferred, and by these presents do
sell, assign and transfer unto the said Assignee, 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 Assignee, 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 Assignee in the prosecution of the application

herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee 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 Assignee any and all additional papers which may be requested by the said Assignee 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 Assignee in accordance the terms of this Assignment.

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

Date: November 18, '99 Masashi Agata (Seal)
Masashi AGATA

WITNESSED:

Date: _____ (Seal)

Date: _____ (Seal)

Date: November 18, '99 Naoki Kuroda (Seal)
Naoki KURODA

WITNESSED:

Date: _____ (Seal)

Date: _____ (Seal)

Date: November 18, '99

Makoto Kojima (Seal)
Makoto KOJIMA

WITNESSED:

Date: _____ (Seal)

Date: _____ (Seal)