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FORM PTO-1595

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Patent and Trademark Office

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Attorney Docket No.: 43889-762

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

1. Name of conveying party(ies): Noriko SHINOMIYA and Masahiro FUKUI

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

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

Matsushita Electric Industrial Co., Ltd.
1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN

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

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other

Execution Date: April 1, 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: April 1, 1998

- A. Patent Application No.(s)
- 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 13th 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.

Jack Q. Lever, Jr., Reg. 28,149

Name of Person Signing

Jack Q. Lever, Jr.
Signature/Date: 26 May 1998

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
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06/02/1998 JWH/TK/MS 00000108 130203
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PATEN
REEL: 9199 FRAME: 0249

Attorney Docket No.: 43889-762**ASSIGNMENT**WHEREAS, Noriko SHINOMIYA, Masahiro FUKUI

hereinafter called the "Assignors," have jointly invented a new and useful invention entitled METHOD AND APPARATUS FOR DESIGNING LSI LAYOUT, CELL LIBRARY FOR DESIGNING LSI LAYOUT AND SEMICONDUCTOR INTEGRATED 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 _____; 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: 98/04/01 Noriko Shinomiya (Seal)
Noriko SHINOMIYA

WITNESSED:

Date: 98/04/02 Shinichi Yamamoto (Seal)
Shinichi YAMAMOTO

Date: 98/04/02 Yukiko Mine (Seal)
Yukiko MINE

Date: 98/09/01 Masahiro Fukui (Seal)
Masahiro FUKUI

WITNESSED:

Date: 98/04/02 Shinichi Yamamoto (Seal)
Shinichi YAMAMOTO

Date: 98/04/02 Yukiko Mine (Seal)
Yukiko MINE