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To the Director of the United States Patent and T

1. Name of conveying party(ies):
Yuichi TATEYAMA

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

Name: **Matsushita Electric Industrial Co., Ltd.**

Address: **1006, Oaza Kadoma, Kadoma-shi**

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

City: **Osaka** State/Prov.: _____

Country: **JAPAN** ZIP: **571-0050**

Execution Date: **November 24, 2004**

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

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

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.	Filing date	B. Patent No.(s)
11/003,383	December 6, 2004	

Additional numbers Yes No

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

Name: **James E. Ledbetter**

Registration No. **28,732**

Address: **STEVENS, DAVIS, MILLER & MOSHER, LLP**
1615 L. Street, NW, Suite 850

City: **Washington** State/Prov.: **DC**

Country: **USA** ZIP: **20036**

6. Total number of applications and patents involved: **1**

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

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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.

James E. Ledbetter
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Signature

January 11, 2005
Date

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USA
ASSIGNMENT OF PATENT APPLICATION

- (1) Yuichi TATEYAMA
- (2) _____
- (3) _____
- (4) _____
- (5) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

- (6) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
- (6a) of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050, JAPAN
- (7) _____
- (7a) of _____

(hereinafter designated as the Assignee) the entire rights, title and interest for the United States, its territories, dependencies and possessions, and for the country of

- (8) _____ in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

- (9) Semiconductor Device (Case No. _____)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

- (10) on _____ or has already filed

- (11) U.S. appln. Serial No. 11/003,383, filed on 12/06/04.

- (12) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining such evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of STEVENS, DAVIS, MILLER & MOSHER, L.L.P. the power to insert on this assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date <u>Nov. 24, 2004</u>	Signature of Inventor	(1) <u>Yuichi Tateyama</u>	(Seal)
Date _____	Signature of Inventor	(2) _____	(Seal)
Date _____	Signature of Inventor	(3) _____	(Seal)
Date _____	Signature of Inventor	(4) _____	(Seal)
Date _____	Signature of Inventor	(5) _____	(Seal)

PATENT (Seal)