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U.S. PTO  
1078863231  
060904

FORM PTO-1595  
(Rev. 10/02)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

102769156  
PATENTS ONLY

Docket No.: 61282-080

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

1. Name of Conveying Party(ies):  
Kenji SHIMAZAKI, Kazuhiro SATO, Takahiro ICHINOMIYA,  
Nobufusa IWANISHI, Naoki AMEKAWA, Masaaki HIRATA and  
Shouzou HIRANO  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: MATSUSHITA ELECTRIC INDUSTRIAL CO.,  
LTD.  
Address: 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: June 2, June 2, June 2, June 2, June 2, June 2 and  
June 2, 2004

4. Application number(s) or patent number(s):  
If the document is being filed together with a new application, the execution date of the application is: June 2, June 2, June 2,  
June 2, June 2, June 2 and  
June 2, 2004  
A. Patent Application No(s):  
B. Patent No(s):  
1078863231  
06/16/2004 6TON11 00000017 500417 10863231  
01 FC:8021 40.00 DA  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: MCDERMOTT WILL & EMERY LLP  
Internal Address:  
Street Address: 600 13th Street, N.W.  
City: Washington State: D. C. Zip: 20005-3096

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:  
500417

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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, 36,139 June 9, 2004

Name and Registration No. of Person Signing Signature Date  
Total number of pages including cover sheet: 2

OMB No. 0651-0027 (exp. 6/30/2005)

PATENT  
REEL: 015457 FRAME: 0289

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- |                                |                            |
|--------------------------------|----------------------------|
| (1) <u>Kenji SHIMAZAKI</u>     | (5) <u>Naoki AMEKAWA</u>   |
| (2) <u>Kazuhiro SATO</u>       | (6) <u>Masasaki HIRATA</u> |
| (3) <u>Takahiro ICHINOMIYA</u> | (7) <u>Shouzou HIRANO</u>  |
| (4) <u>Nobufusa IWANISHI</u>   |                            |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.  
1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

OPERATION ANALYZING METHOD FOR SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE, ANALYZING SYSTEM USED IN THE SAME, AND OPTIMIZATION DESIGN METHOD USING THE SAME

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_ and identified by United States Serial No. \_\_\_\_\_; or

(b) for which an application for United States Letters Patent was executed on June 2, 2004

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

| INVENTORS  | DATE SIGNED         |
|--|---------------------|
| 1) <u>Kenji Shimazaki</u><br>Name: Kenji SHIMAZAKI         | <u>June 2, 2004</u> |
| 2) <u>Kazuhiro Sato</u><br>Name: Kazuhiro SATO             | <u>June 2, 2004</u> |
| 3) <u>Takahiro Ichinomiya</u><br>Name: Takahiro ICHINOMIYA | <u>June 2, 2004</u> |
| 4) <u>Nobufusa Iwanishi</u><br>Name: Nobufusa IWANISHI     | <u>June 2, 2004</u> |
| 5) <u>Naoki Amekawa</u><br>Name: Naoki AMEKAWA             | <u>June 2, 2004</u> |
| 6) <u>Masaaki Hirata</u><br>Name: Masaaki HIRATA           | <u>June 2, 2004</u> |
| 7) <u>Shouzou Hirano</u><br>Name: Shouzou HIRANO           | <u>June 2, 2004</u> |