

04-24-2003



FORM PTO-1596
12-92

T U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 61282-030

102429002

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

1 Name of Conveying Party(ies):
Masaya SUMITA and Akira MIYOSHI
4-17-03
Additional name(s) of conveying party(ies) attached? Yes

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

3 Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: April 11, 2003



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: April 11, 2003
A Patent Application No(s).
B. Patent No(s).
Additional numbers attached? Yes

10417208

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:
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 *[Signature]* April 17, 2003

Name and Registration No. of Person Signing Signature Date
Total number of pages comprising cover sheet: 1

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

04/24/2003 ECOOPER 00000046 500417 10417208
01 FC:80/1 40.00 CH

PATENT
REEL: 013981 FRAME: 0642

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>Masaya SUMITA</u> | (4) _____ |
| (2) <u>Akira MIYOSHI</u> | (5) _____ |
| (3) _____ | (6) _____ |

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

MITSUBISHI ELECTRIC INDUSTRIAL CO., LTD. of 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

SCAN PATH CIRCUIT AND SEMICONDUCTOR INTEGRATED CIRCUIT COMPRISING THE SCAN PATH CIRCUIT

(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 April 11, 2003,

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 beside our signatures:

INVENTORS	DATE SIGNED
1) <u>Masaya Sumita</u> Name: Masaya SUMITA	<u>April 11, 2003</u>
2) <u>Akira Miyoshi</u> Name: Akira MIYOSHI	<u>April 11, 2003</u>
3) _____ Name: _____	_____
4) _____ Name: _____	_____
5) _____ Name: _____	_____
6) _____ Name: _____	_____