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Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)



U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Docket No. 740819-423

102090207

Resub

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

1. Name of conveying parties: Taiji NODA Hiroyuki UMIMOTO Shinji ODANAKA

5-9-02

2. Name and address of receiving party(ies) Name: Matsushita Electric Industrial Co., Ltd. Internal Address: 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan

3. Signature of conveyance: Assignment Security Agreement Other See Item No. 6

Street Address: City: State: Zip: Country: Postal Code: Additional name(s) & address(es) attached? Yes No

Execution Date:

4. Application number(s) or patent number(s); 09/662,358 If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Attorney Name: Eric J. Robinson Firm Name: Nixon Peabody LLP Internal Address: Suite 800 Street Address: 8180 Greensboro Drive, City: McLean State: VA Zip: 22102

7. Total number of applications and patents involved: 1 8. Total fee (37 CFR 3.41) \$40.00 Enclosed Authorized to be charged to deposit account

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Eric J. Robinson Name of Person Signing

Signature

April 17, 2002 Date

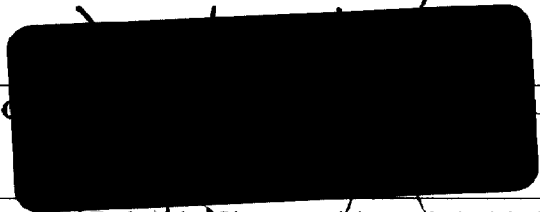
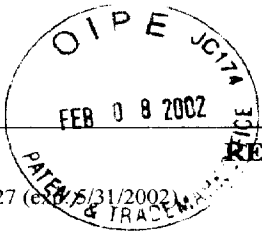
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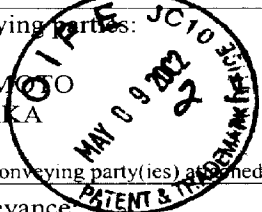


Form PTO-1595 (Rev. 03/91) OMB No. 0651-0027 (effective 5/31/2002)

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Docket No. 740819-423

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

1. Name of conveying parties: Taiji NODA Hiroyuki UMIMOTO Shinji ODANAKA



8-02

2. Name and address of receiving party(ies) Name: Matsushita Electric Industrial Co., Ltd. Internal Address: 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan

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

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other See Item #16

Street Address:

City: State: Zip:

Country: Postal Code:

Execution Date:

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

4. Application number(s) or patent number(s); 09/662,358 If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Attorney Name: Eric J. Robinson Firm Name: Nixon Peabody LLP Internal Address: Suite 800 Street Address: 8180 Greensboro Drive, City: McLean State: VA Zip: 22102

7. Total number of applications and patents involved:

8. Total fee (37 CFR 3.41)\$

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Eric J. Robinson Name of Person Signing

Signature

February 8, 2002 Date

Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

Correspondent Name and Address **Area Code and Telephone Number** (703) 790-9110

Name Nixon Peabody LLP

Address (line 1) 8180 Greensboro Drive

Address (line 2) McLean, Virginia 22102

Address (line 3) _____

Address (line 4) _____

Pages **Enter the total number of pages of the attached conveyance document including any attachments.** # 3

Application Number(s) or Patent Number(s) **Mark if additional numbers attached**

Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
09/622,358					

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. **Month Date Year**

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT	_____	PCT	_____	PCT	_____
PCT	_____	PCT	_____	PCT	_____

Number of Properties **Enter the total number of properties involved.** # 1

Fee Amount **Fee Amount for Properties Listed (37 CFR 3.41):** \$ 40.00

Method of Payment: **Enclosed** **Deposit Account**

Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # 19-2380 (0819-0423)

Authorization to charge additional fees: **Yes** **No**

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. Charges to deposit account are authorized, as indicated herein.

Eric Robinson _____ 12-18-99

Name of Person Signing **Signature** **Date**

ASSIGNMENT

WHEREAS, Taiji NODA, Hiroyuki UMIMOTO, Shinji ODANAKA

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in SEMICONDUCTOR DEVICE AND METHOD FOR FABRICATING THE SAME for which the undersigned has (have):

- (a) filed an application for Letters Patent of the United States of America on September 15, 2000 having Serial No. 09/662,358; or
- (b) executed an application for Letters Patent of the United States of America on the date(s) indicated below; and

WHEREAS, Matsushita Electronics Corporation of 1-1, Saiwai-cho, Takatsuki-shi, Osaka 569-1193, Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

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

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

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

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the 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.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date: November 27, 2000,

Taiji Noda
Taiji NODA

Date: November 27, 2000,

Hiroyuki Umimoto
Hiroyuki UMIMOTO

Date: November 27, 2000,

Shinji Odanaka
Shinji ODANAKA

Date: _____,

Date: _____,

Date: _____,

Date: _____,

Date: _____,
