

12-28-2006

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

12.19.06

112948 U.S. PTO  
11/641336

121906

**1. Name of conveying party(ies)**  
 1) SUNOHARA, Masahiro  
 2) TAGUCHI, Yuichi  
 3) SHIRAIISHI, Akinori

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

**2. Name and address of receiving party(ies)**  
 Name: SHINKO ELECTRIC INDUSTRIES  
 Internal Address: CO., LTD.

**3. Nature of conveyance/Execution Date(s):**  
 Execution Date(s) December 8, 2006

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

Street Address: 80, Oshimadamachi,  
 Nagano-shi, Nagano 381-2287 Japan

City: \_\_\_\_\_  
 State: \_\_\_\_\_  
 Country: \_\_\_\_\_ Zip: \_\_\_\_\_

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

**4. Application or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s)  
 12/21/2006 LWONDIM1 00000014 11641336  
 04 FC:8021 (40.00 OP)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

**5. Name and address to whom correspondence concerning document should be mailed:**  
 Name: Richard J. Streit  
 Internal Address: \_\_\_\_\_  
 Street Address: c/o Ladas & Parry LLP  
 224 South Michigan Avenue  
 City: Chicago  
 State: Illinois Zip: 60604  
 Phone Number: (312) 427-1300  
 Fax Number: \_\_\_\_\_  
 Email Address: \_\_\_\_\_


**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
 Expiration Date \_\_\_\_\_

b. Deposit Account Number 12-0400  
 Authorized User Name Ladas & Parry LLP

**9. Signature:**  December 19, 2006  
 Richard J. Streit Signature Date  
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

**RECORDATION FORM COVER SHEET - PATENTS - (cont.)**

**1. Name of conveying party(ies): (cont.)**

4. KOIZUMI, Naoyuki
5. MURAYAMA, Kei
6. SAKAGUCHI, Hideaki
7. HIGASHI, Mitsutoshi

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**UNITED STATES OF AMERICA**  
**ASSIGNMENT**

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In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for the other good and valuable consideration,

**ASSIGNOR:**

**(1) Masahiro SUNOHARA, (2) Yuichi TAGUCHI, (3) Akinori SHIRAISHI,  
(4) Naoyuki KOIZUMI, (5) Kei MURAYAMA, (6) Hideaki SAKAGUCHI,  
(7) Mitsutoshi HIGASHI  
residing at each c/o SHINKO ELECTRIC INDUSTRIES CO., LTD.,  
80, Oshimadamachi, Nagano-shi, Nagano 381-2287 Japan**

hereby sells, assigns and transfers to

**ASSIGNEE:**

**SHINKO ELECTRIC INDUSTRIES CO., LTD. having a place of business at:  
80, Oshimadamachi, Nagano-shi, Nagano 381-2287 Japan**

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the Application entitled

METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE

which application was

- (a) executed by the undersigned on December 8, 2006
- (b) filed as Serial No. \_\_\_\_\_ on \_\_\_\_\_

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and

*Page 1 of 2*

deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/we have set our hand and seal

December 8, 2006

Date

*Masahiro Sunohara*

INVENTOR **Masahiro SUNOHARA**

December 8, 2006

Date

*Yuichi Taguchi*

INVENTOR **Yuichi TAGUCHI**

December 8, 2006

Date

*Akinori Shiraishi*

INVENTOR **Akinori SHIRAISHI**

December 8, 2006

Date

*Naoyuki KOIZUMI*

INVENTOR **Naoyuki KOIZUMI**

December 8, 2006

Date

*Kei Murayama*

INVENTOR **Kei MURAYAMA**

December 8, 2006

Date

*Hideaki Sakaguchi*

~~*Kei Murayama*~~

INVENTOR **Hideaki SAKAGUCHI**

December 8, 2006

Date

*Mitsutoshi Higashi*

INVENTOR **Mitsutoshi HIGASHI**