

12-29-2005



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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.

1. Name of conveying party(ies)

- 1) SHIMIZU, Noriyoshi
- 2) YAMASAKI, Tomoo
- 3) OI, Kiyoshi
- 4) ROKUGAWA, Akio

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.

Street Address: 80, Oshimadamachi,

Nagano-shi, Nagano 381-2287 Japan

City: _____

State: _____

Country: _____ Zip: _____

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) December 7, 2005

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

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Additional numbers attached? Yes No

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: _____

6. Total number of applications and patents involved: 1

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, 2005

Signature

Date

Richard J. Streit

Name of Person Signing

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

3

UNITED STATES OF AMERICA
ASSIGNMENT

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) Noriyoshi SHIMIZU, (2) Tomoo YAMASAKI, (3) Kiyoshi OI and
(4) Akio ROKUGAWA,
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 OF MANUFACTURING WIRING SUBSTRATE TO WHICH
SEMICONDUCTOR CHIP IS MOUNTED

which application was

(a) executed by the undersigned on December 7, 2005

(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