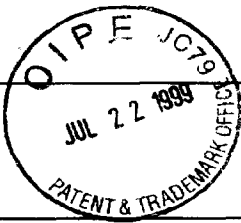


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No. EM 490 493 112 US

RECO



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Attorney Docket Number 7565-054

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Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): <b>Takeshi Sato; Kenichi Sakaguchi and Hiromi Tokunaga</b></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: <u>SHINKO ELECTRIC INDUSTRIES CO., LTD.</u> Address: <u>711, Aza Shariden, Oaza Kurita, Nagano-shi, Nagano 380-0921</u> Country (if other than USA): <u>JAPAN</u></p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>February 1, 1999</u></p>	
<p>4. Application number(s) or patent number(s): <u>09/240,652, filed January 29, 1999</u></p> <p>If this document is being filed together with a new application, the execution date of the application is: _____</p> <p>A. Patent Application No.(s) _____ B. Patent No.(s) _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p><b>PENNIE &amp; EDMONDS LLP</b> 1155 Avenue of the Americas New York, NY 10036</p>	<p>6. Number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41):.....\$ <u>40.00</u> Please charge to the deposit account listed in Section 8.</p> <p>8. Deposit account number: <u>16-1150</u></p>

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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.*

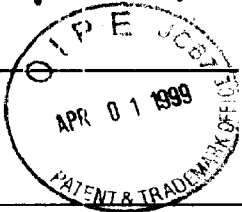
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Name of Person Signing    Reg. No.      Signature      Date

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1 SHEET

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<p>1. Name of conveying party(ies):  Takeshi Sato; Kenichi Sakaguchi and Hiromi Tokunaga</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):  Name: <u>SHINKO ELECTRIC INDUSTRIES CO., LTD.</u></p> <p>Address: <u>711, Aza Shariden, Oaza Kurita, Nagano-shi, Nagano 380-0921</u></p> <p>Country (if other than USA): <u>JAPAN</u></p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>February 1, 1999</u></p>	

4. Application number(s) or patent number(s):

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

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>PENNIE &amp; EDMONDS LLP 1155 Avenue of the Americas New York, NY 10036</p>	<p>6. Number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41):.....\$ <u>40.00</u> Please charge to the deposit account listed in Section 8.</p> <p>8. Deposit account number: <u>16-1150</u></p>
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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.*

Allan A. Fanucci      30,256      Allan A. Fanucci      4/1/99

Name of Person Signing    Reg. No.      Signature      Date

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# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert  
ASSIGNEE's  
Name(s)  
Address(es))

SHINKO ELECTRIC INDUSTRIES CO., LTD.

711, Aza Shariden, Oaza Kurita, Nagano-shi, Nagano

380-0921, Japan

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of  
Invention)

SEMICONDUCTOR PACKAGE HAVING MOLDED FRAME AND PROCESS OF

MAKING SAME

relating to International Patent Application PCT/JP \_\_\_\_\_/\_\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date  
of execution  
of application,  
if not  
concurrent)

(a) executed on \_\_\_\_\_;

(b) filed on January 29, 1999  
Serial No. \_\_\_\_\_/\_\_\_\_\_;

( <u>Pennie &amp; Edmonds LLP,</u> <u>New York, U.S.A.</u> _____ ) is hereby authorized to insert in (b) the specified data, when known.
---

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1) Takeshi Sato Takeshi Sato February 1, 1999  
(SIGNATURE) (TYPE NAME) (DATE)

2) Kenichi Sakaguchi Kenichi Sakaguchi February 1, 1999  
(SIGNATURE) (TYPE NAME) (DATE)

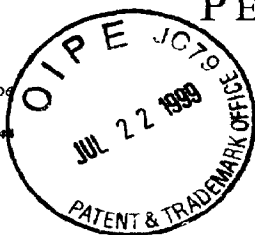
3) Hiromi Tokunaga Hiromi Tokunaga February 1, 1999  
(SIGNATURE) (TYPE NAME) (DATE)

4) \_\_\_\_\_  
(SIGNATURE) (TYPE NAME) (DATE)

5) \_\_\_\_\_  
(SIGNATURE) (TYPE NAME) (DATE)

PENNIE & EDMONDS LLP

WASHINGTON OFFICE  
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WASHINGTON, D.C. 20006  
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FACSIMILE: (202) 496-4444



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FACSIMILE: (650) 493-5556

WRITER'S DIRECT DIAL:  
(212) 790-2164

July 22, 1999

INTERNET ADDRESS:  
FANUCCIA@PENNIE.COM

Your Ref.: SDK-F402-US  
Our Ref.: 7565-054

Mr. Takashi Ishida  
A. Aoki & Associates  
3-5-1, Toranomon, Minato-ku  
Tokyo, 105  
JAPAN

Re: U.S. Patent application of Takeshi Sato et al.  
Serial No.: 09/240,652  
Filed: January 29, 1999  
For: PACKAGE FOR SEMICONDUCTOR DEVICE  
HAVING FRAME-LIKE MOLDED PORTION AND  
PRODUCING METHOD OF THE SAME

Dear Mr. Ishida:

Please find enclosed a copy of the Corrected Official Filing Receipt for the above-identified application. Please note that the Patent Office has amended the title to more accurately describe the invention for this application.

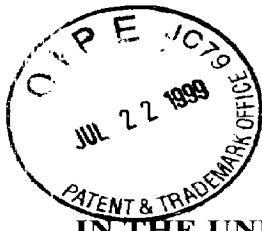
Although we have filed an Information Disclosure Statement, we remind you that all U.S. patent applicants, including the inventors and their assigns and attorneys, have a continuing obligation to disclose to the Examiner all prior art references of which they are aware which may be material to patentability of the claims. Material references include any U.S. patents or printed publications (including foreign patents) which disclose the claimed subject matter and which have an effective date which is earlier than the filing date of this application. The effective date of a U.S. patent as a prior art reference is its filing date, while for other documents, it is the publication date.

We have already cited all references of which we are aware. However, if any further references are discovered, please let us know so that copies can be submitted to the Examiner.

Very truly yours,

  
Allan A. Fanucci

Enclosure



P/A

EXPRESS MAIL NO. EM 490 493 112 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

TAKESHI SATO ET AL.

Serial No.: 09/240,652

Group Art Unit: 2811

Filed: January 29, 1999

Examiner:

For: PACKAGE FOR SEMICONDUCTOR  
DEVICE HAVING FRAME-LIKE  
MOULDED PORTION AND PRODUCING  
METHOD OF THE SAME

Attorney Docket No.: 7565-054

**RESUBMISSION OF ASSIGNMENT**

Assistant Commissioner for Patents  
ASSIGNMENT DIVISION, CG-4  
1213 Jefferson Davis Hwy. Suite 320  
Washington, D.C. 20231

Sir:

In response to the Notice of Non-Recordation of Document (ID. No. 101031968A) dated July 8, 1999, applicants hereby resubmit the enclosed assignment for the above-identified application. Pursuant to the requirement in the Notice, applicants submit herewith, a revised recordation sheet which includes the serial number and filing date for this application. Enclosed is a copy of the recordation sheet filed on April 1, 1999 verifying the official date of receipt under 37 CFR 3.

The fee in the amount of \$40.00 for the submission of this Response has been previously submitted on April 1, 1999. However, should there be any additional fees, please charge any required fees to Pennie & Edmonds LLP Deposit Account No. 16-1150.

Respectfully submitted,

Date July 22, 1999

Allan A. Fanucci 30,256

Allan A. Fanucci

(Reg. No.)

**PENNIE & EDMONDS LLP**  
1155 Avenue of the Americas  
New York, New York 10036-2711

(212) 790-9090

Enclosure

7565-054



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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JULY 08, 1999

PTAS

PENNIE & EDMONDS LLP  
ALLAN A. FANUCCI  
1155 AVENUE OF THE AMERICAS  
NEW YORK, NY 10036



\*101031968A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF NON-RECORDATION OF DOCUMENT

*Re Submit Document 8/7/99*

DOCUMENT ID NO.: 101031968

THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

THE ORIGINAL DATE OF FILING OF THIS ASSIGNMENT DOCUMENT WILL BE MAINTAINED IF RESUBMITTED WITH THE APPROPRIATE CORRECTION(S) WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE AS OUTLINED UNDER 37 CFR 3.51. THE RESUBMITTED DOCUMENT MUST INCLUDE A STAMP WITH THE OFFICIAL DATE OF RECEIPT UNDER 37 CFR 3. APPLICANTS MAY USE THE CERTIFIED PROCEDURES UNDER 37 CFR 1.8 OR 1.10 FOR RESUBMISSION OF THE RETURNED PAPERS, IF THEY DESIRE TO HAVE THE BENEFIT OF THE DATE OF DEPOSIT IN THE UNITED STATES POSTAL SERVICE.

SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

- 1. THE COVER SHEET SUBMITTED FOR RECORDING DOES NOT ADEQUATELY IDENTIFY THE PROPERTY NUMBER(S). THE APPLICATION NUMBER AND SERIES CODE OR THE SERIAL NUMBER AND FILING DATE IS REQUIRED.

PAULA MCCRAY, EXAMINER  
ASSIGNMENT DIVISION  
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