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04-22-2004

Form PTO-1595 REC (Rev. 10/02)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office			
OMB No. 0651-0027 (exp. 6/30/2005)				
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To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)			
1) KOIZUMI, Naoyuki 2) MURAYAMA, Kei	Name: SHINKO ELECTRIC INDUSTRIES			
3) KURIHARA, Takashi	CO., LTD.			
4) HIGASHI, Mitsutoshi	CO., LTD.			
Additional name(s) of conveying party(ies) attached? 📮 Yes 🕍 No				
3. Nature of conveyance:	~			
Assignment 🖵 Merger	00 01: 1.			
Security Agreement Change of Name	Street Address: 80, Oshimadamachi,			
Other	Nagano-shi, Nagano 381-2287 Japan			
	City:State:Zip:			
Execution Date: April 13, 2004				
	Additional name(s) & address(es) attached? Yes No			
4. Application number(s) or patent number(s):	April 13, 2004			
• • • • • • • • • • • • • • • • • • • •	cation, the execution date of the application is:			
A. Patent Application No.(s)	B. Patent No.(s)			
1082603Y Additional numbers at	tached? 📮 Yes 🔼 No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Brian W. Hameder	7. Total fee (37 CFR 3.41)\$\(\frac{40.00}{}\)			
Internal Address:	Enclosed			
	Authorized to be charged to deposit account			
	8. Deposit account number:			
Street Address: c/o Ladas & Parry				
224 South Michigan Avenue	12-0400			
City: Chicago State: IL Zip: 60604	(Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE				
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.				
Brian W. Hameder	Ments April 16, 2004			
Name of Person Signing Reg. 45613	Signature Date			
Total number of pages including cover sheet, attachments, and documents:				

Mail documents to be recorded with required cover sheet information to:

04/20/2004 EHAILE1 00000090 10826034

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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PATENT REEL: 015230 FRAME: 0810

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) Naoyuki Koizumi, 2) Kei Murayama, 3) Takashi Kurihara and 4) 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 PACKAGE

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$[\underline{x}]$ (a) executed by the undersigned on _	April 13, 2004	_
(b) filed as Serial No.	on	
and, in and to all Letters Patent to be obtained fany continuation, division, renewal, substitute, re	•	ı or

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

PATENT REEL: 015230 FRAME: 0811 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

RECORDED: 04/16/2004

April 13, 2004	Naoyuki Koizumi
Date	INVENTOR Naoyuki Koizumi
	kai Marana
April 13, 2004	Kei Murayama
Date	INVENTOR Kei Murayama
April 13, 2004	Takashi Kurihara
Date	INVENTOR Takashi Kurihara
April 13, 2004	Mitsutashi Hisashi
Date	INVENTOR Mitsutoshi Higashi