

02-15-2002



101984127

Docket No.: 23-02

HEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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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):

Keiji Yoshizawa

02/04/02

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Shinko Electric Industries, Co., Ltd.

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

City: Nagano

State/Prov.: \_\_\_\_\_

Country: Japan

ZIP: 380-0921

Additional name(s) & address(es)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other \_\_\_\_\_

Execution Date: January 23, 2002

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

If this document is being filed together with a new application, the execution date of the application is: January 23, 2002

Patent Application No. \_\_\_\_\_

Filing date \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers \_\_\_\_\_

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John F. McNulty, Esquire

Registration No. 23,028

Address: Paul & Paul

2900 Two Thousand Market Street

02/14/2002 GTDN11 00000122 10067061

01 FC:581

40.00 OF

City: Philadelphia,

State/Prov.: Pa

Country: USA

ZIP: 19103

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

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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.

John F. McNulty, Esquire

Name of Person Signing

Signature

February 4, 2002

Date

Total number of pages including cover sheet, attachments, and

2

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

**PATENT**  
**REEL: 012570 FRAME: 0418**

# 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)

A METHOD OF EFFICIENTLY CONVERTING-TO-ARRAY AND COMPRESSING DATA

IN A PROCESS FOR CONVERTING MASK PATTERNS OF A LSI

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 \_\_\_\_\_ ;  
Serial No. \_\_\_\_\_ / \_\_\_\_\_ ;

( \_\_\_\_\_ ) 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) <u>吉澤 恵資</u> (SIGNATURE)	<u>Keiji Yoshizawa</u> (TYPE NAME)	<u>January 23, 2002</u> (DATE)
2) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
3) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
4) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
5) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
6) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
7) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
8) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)