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(12) **United States Design Patent**  
**Ngo**

(10) **Patent No.:** **US D664,096 S**  
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(54) **VERTICAL ELECTRICAL CONNECTOR**

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(75) Inventor: **Hung Viet Ngo**, Harrisburg, PA (US)

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(73) Assignee: **FCI Americas Technology LLC**,  
Carson City, NV (US)

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(\*\*) Term: **14 Years**

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*Primary Examiner* — Daniel Bui

(74) *Attorney, Agent, or Firm* — Woodcock Washburn LLP

**Related U.S. Application Data**

(63) Continuation of application No. 29/397,395, filed on  
Jul. 15, 2011, now Pat. No. Des. 651,981, which is a  
continuation of application No. 29/380,052, filed on  
Nov. 30, 2010, now Pat. No. Des. 641,709, which is a  
continuation of application No. 29/345,790, filed on  
Oct. 22, 2009, now Pat. No. Des. 628,536, which is a  
continuation of application No. 29/330,997, filed on  
Jan. 16, 2009, now Pat. No. Des. 606,497.

(57) **CLAIM**

The ornamental design for a vertical electrical connector, as  
shown and described.

(51) **LOC (9) Cl.** ..... **13-03**

(52) **U.S. Cl.** ..... **D13/147**

(58) **Field of Classification Search** ..... D13/147,  
D13/154, 184, 199; 439/159-160, 260, 325,  
439/329, 395, 492, 495, 607.01, 607.04,  
439/607.05, 607.17, 607.25, 607.34, 607.41,  
439/607.53, 630

**DESCRIPTION**

This application is related by subject matter to U.S. patent  
application Ser. Nos. 29/331,013 filed on Jan. 16, 2009, now  
U.S. Pat. No. D608,293; 29/331,017 filed on Jan. 16, 2009,  
now U.S. Pat. No. D610,548; and 29/330,990 filed on Jan. 16,  
2009, now U.S. Pat. No. D606,496, and is further related by  
subject matter to U.S. Pat. D623,138 and U.S. patent appli-  
cation Ser. No. 29/345,808 filed Oct. 22, 2009, now U.S. Pat.  
No. D631,442.

See application file for complete search history.

FIG. 1 is a top, left, rear perspective view of a vertical elec-  
trical connector according to my design;  
FIG. 2 is a top plan view thereof;  
FIG. 3 is a bottom plan view thereof;  
FIG. 4 is a rear elevation view thereof;  
FIG. 5 is a front elevation view thereof;  
FIG. 6 is a left side elevation view thereof; and,  
FIG. 7 is a right side elevation view thereof.

The broken line portion of the figure drawings is included to  
show unclaimed subject matter only and forms no part of the  
claimed design. The dash-dot line represents boundaries of  
the claimed design.

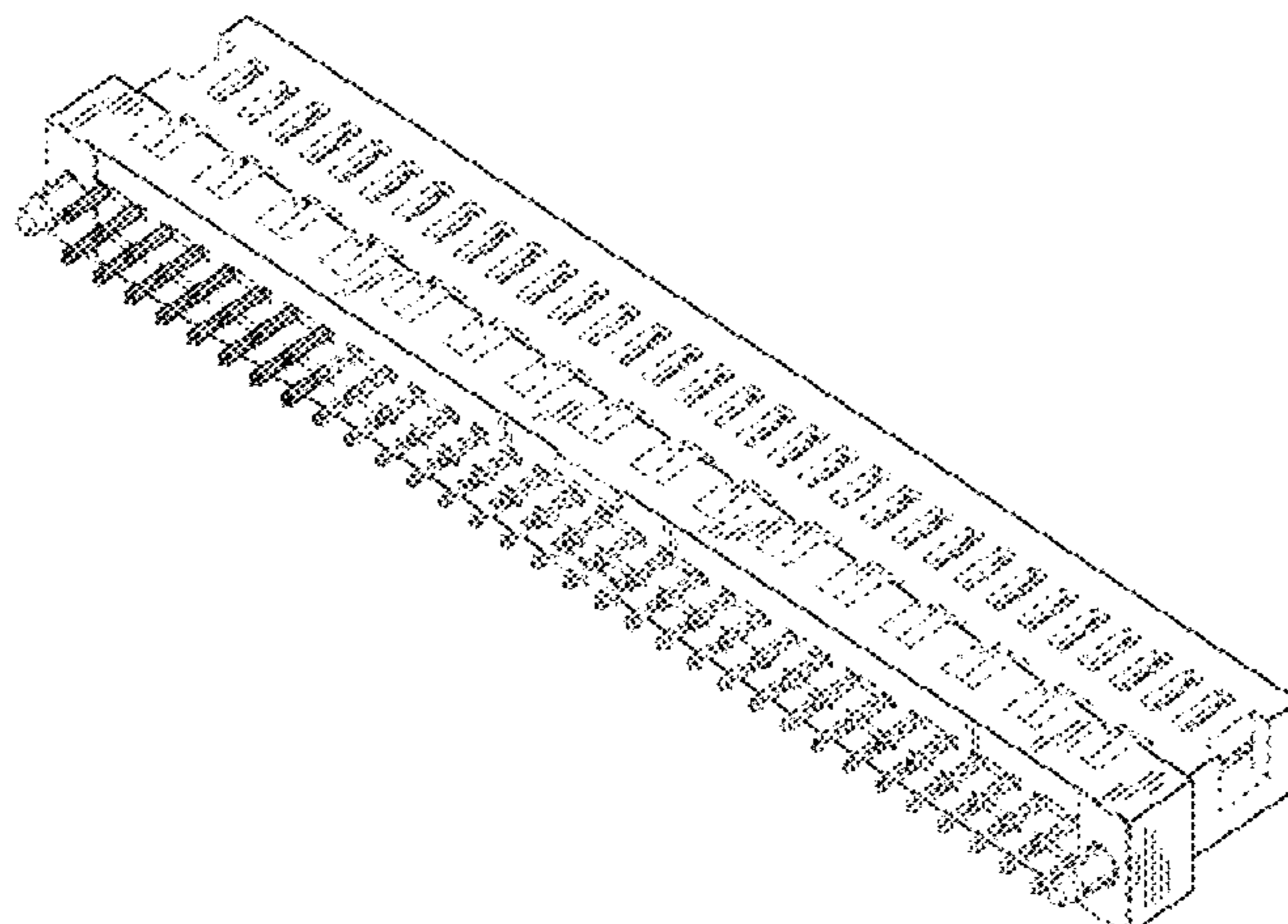
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**1 Claim, 4 Drawing Sheets**



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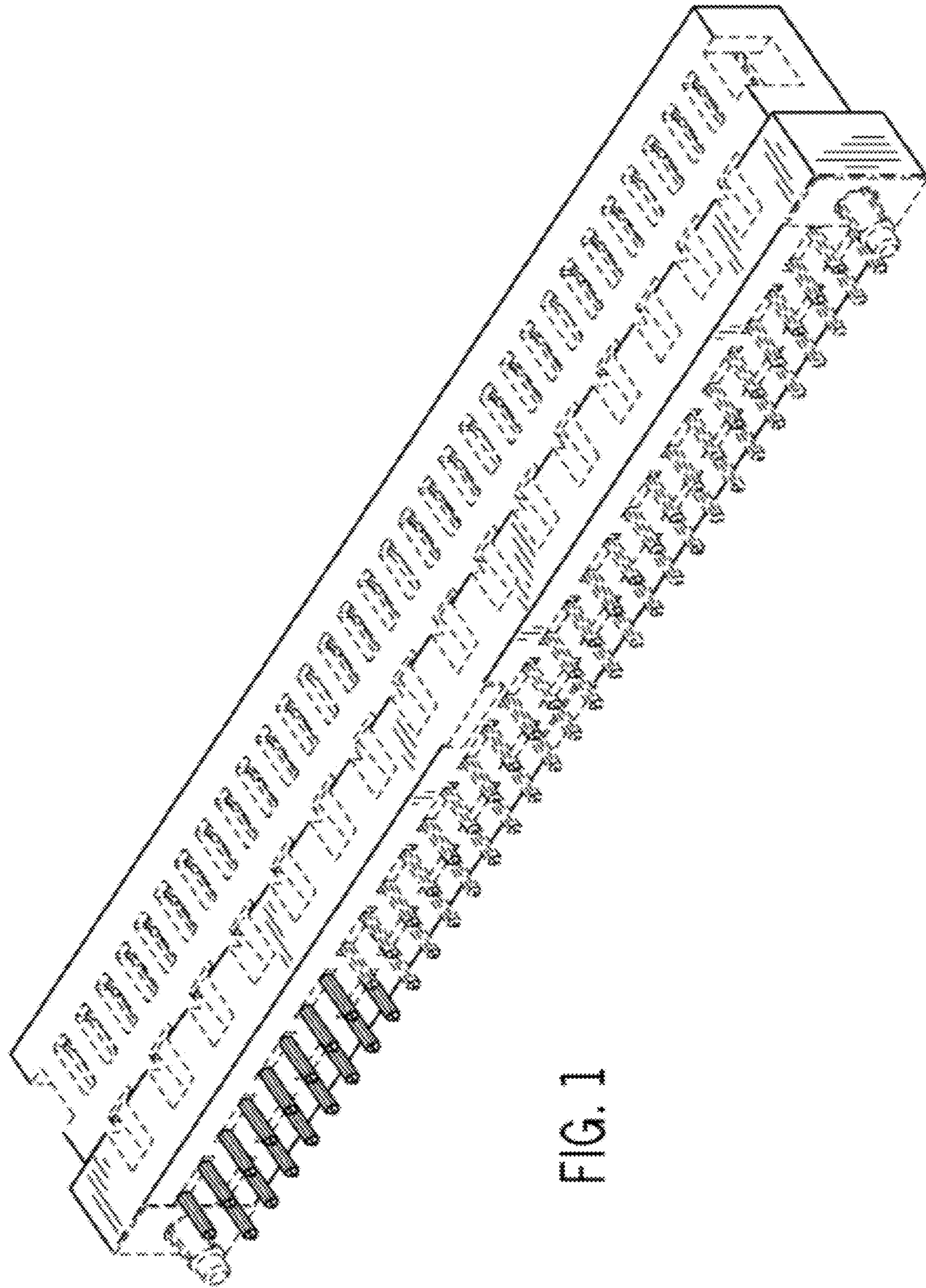


FIG. 1

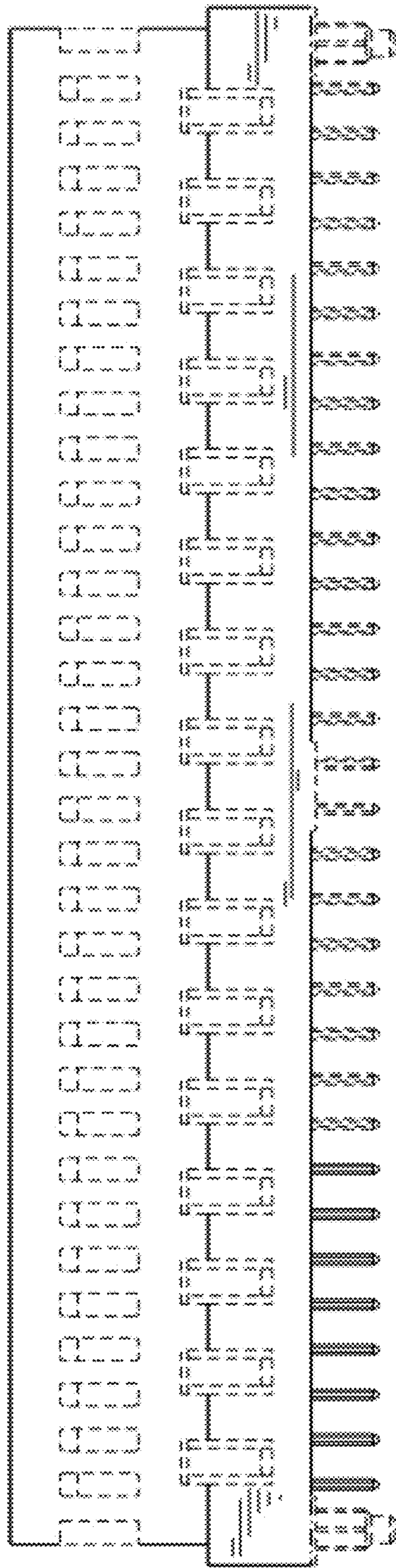


FIG. 2

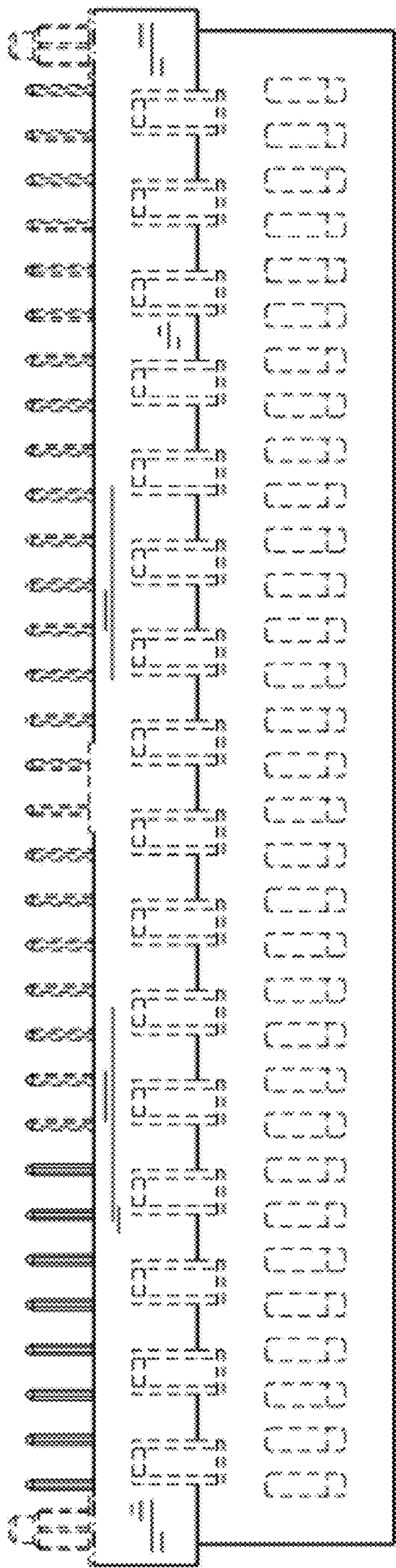


FIG. 3



FIG. 4

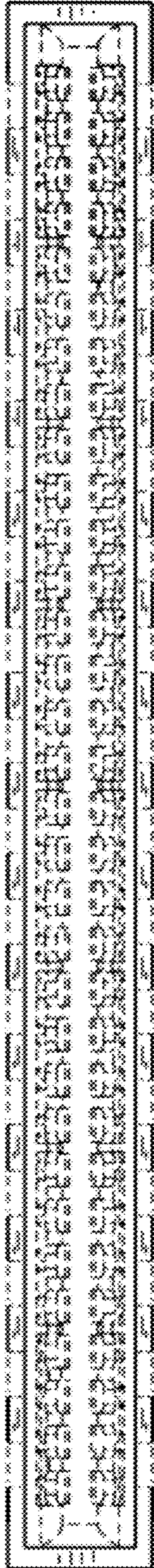


FIG. 5

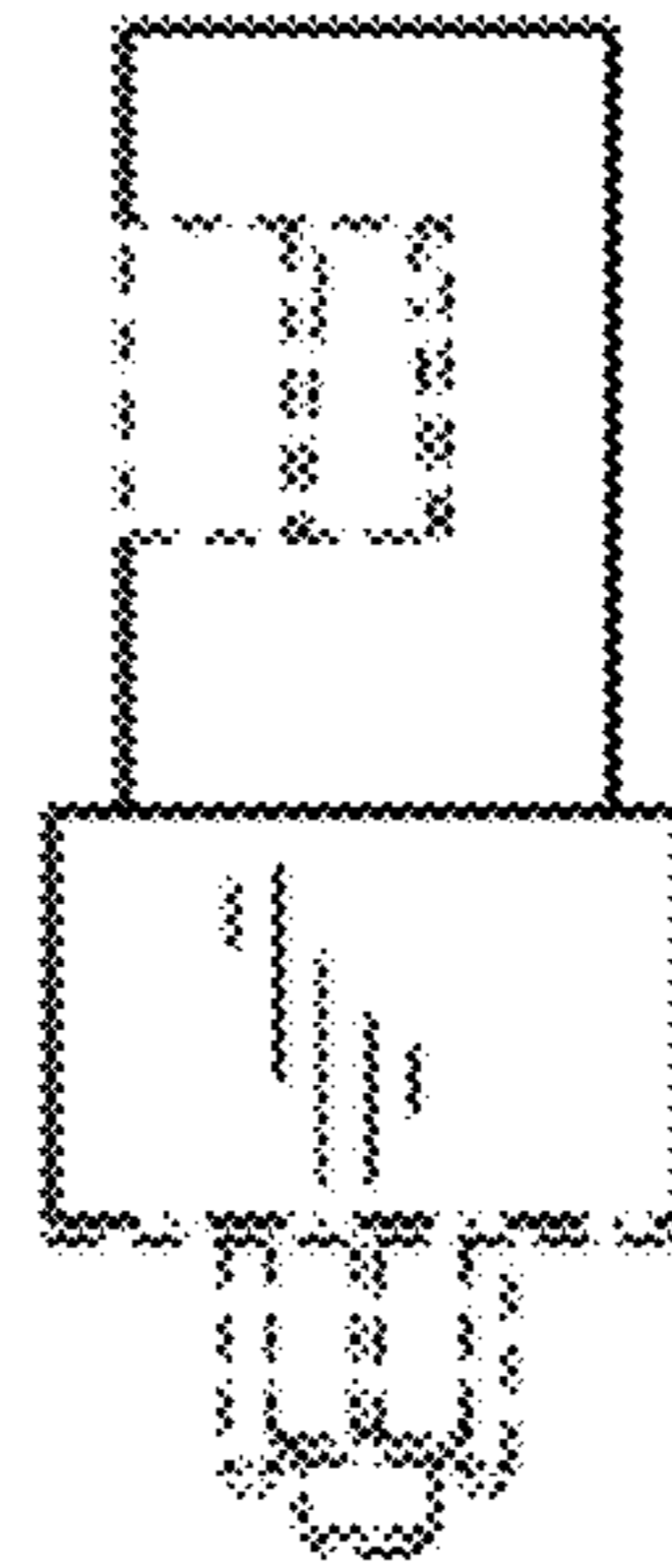


FIG. 6

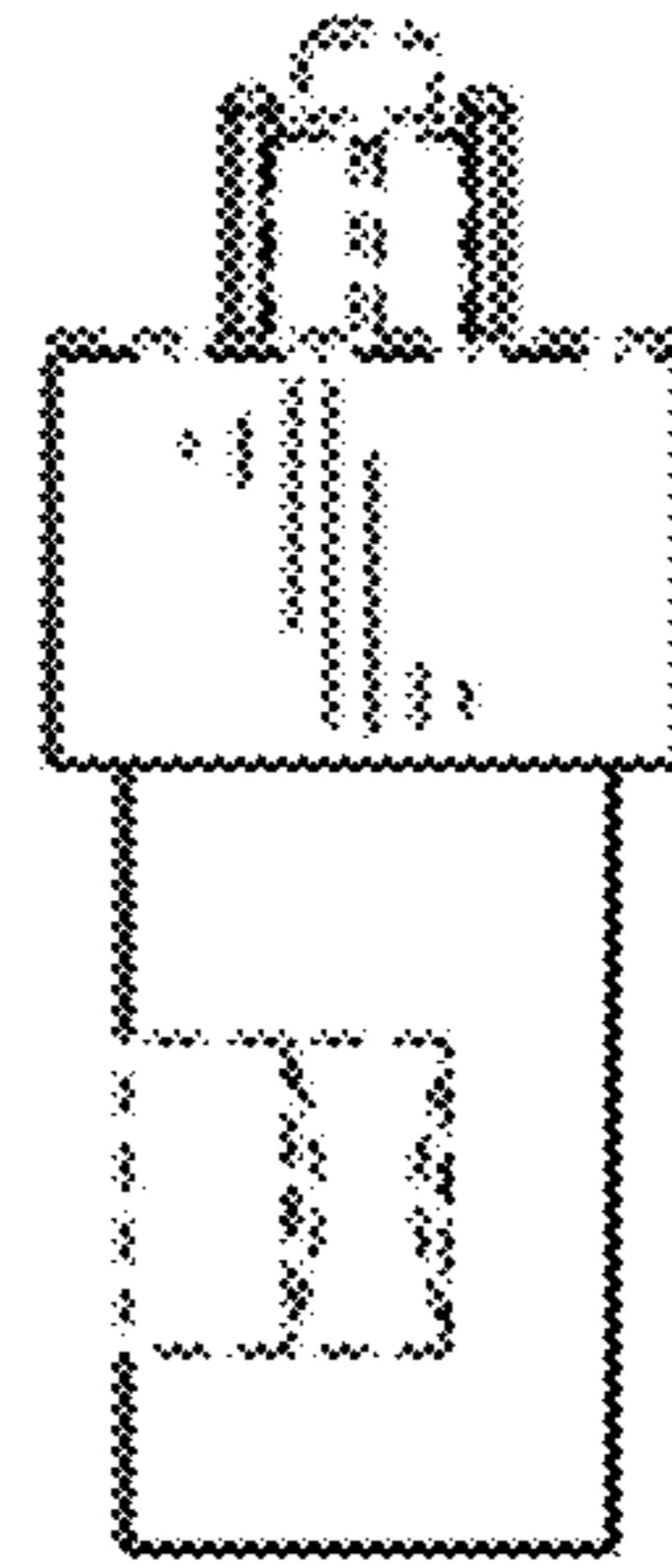


FIG. 7



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D664,096 S  
APPLICATION NO. : 29/408580  
DATED : July 24, 2012  
INVENTOR(S) : Hung Viet Ngo

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Cover Page, at DESCRIPTION, line 1, after "This application is related  
by subject matter to" insert -- **U.S. Patent Application Serial No. 12/687,237, filed on  
January 15, 2010, now U.S. Patent No. 8,043,097, and is further related by subject matter to --**

Signed and Sealed this  
Fourth Day of September, 2012



David J. Kappos  
*Director of the United States Patent and Trademark Office*