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

(10) **Patent No.:** **US D606,497 S**  
(45) **Date of Patent:** **\*\* Dec. 22, 2009**

(54) **VERTICAL ELECTRICAL CONNECTOR**

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DE 1 665 181 4/1974

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

(Continued)

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

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(21) Appl. No.: **29/330,997**

Finan, J.M., "Thermally Conductive Thermoplastics", LNP Engineering Plastics, Inc., Plastics Engineering 2000, www.4spe.org, 4 pages.

(22) Filed: **Jan. 16, 2009**

(Continued)

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

(52) **U.S. Cl.** ..... **D13/147; D13/154**

(58) **Field of Classification Search** ..... D13/133, D13/146-147, 154, 184, 199; 439/64, 79, 439/159-160, 260, 325, 329, 395, 492, 495, 439/607-610, 630

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See application file for complete search history.

(57) **CLAIM**

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

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**DESCRIPTION**

In a preferred embodiment, the nature of this product is a vertical electrical connector in the form of an electrical connector housing configured for retaining a plurality of electrical contacts.

FIG. 1 is a top, left, rear perspective view of a vertical electrical 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;

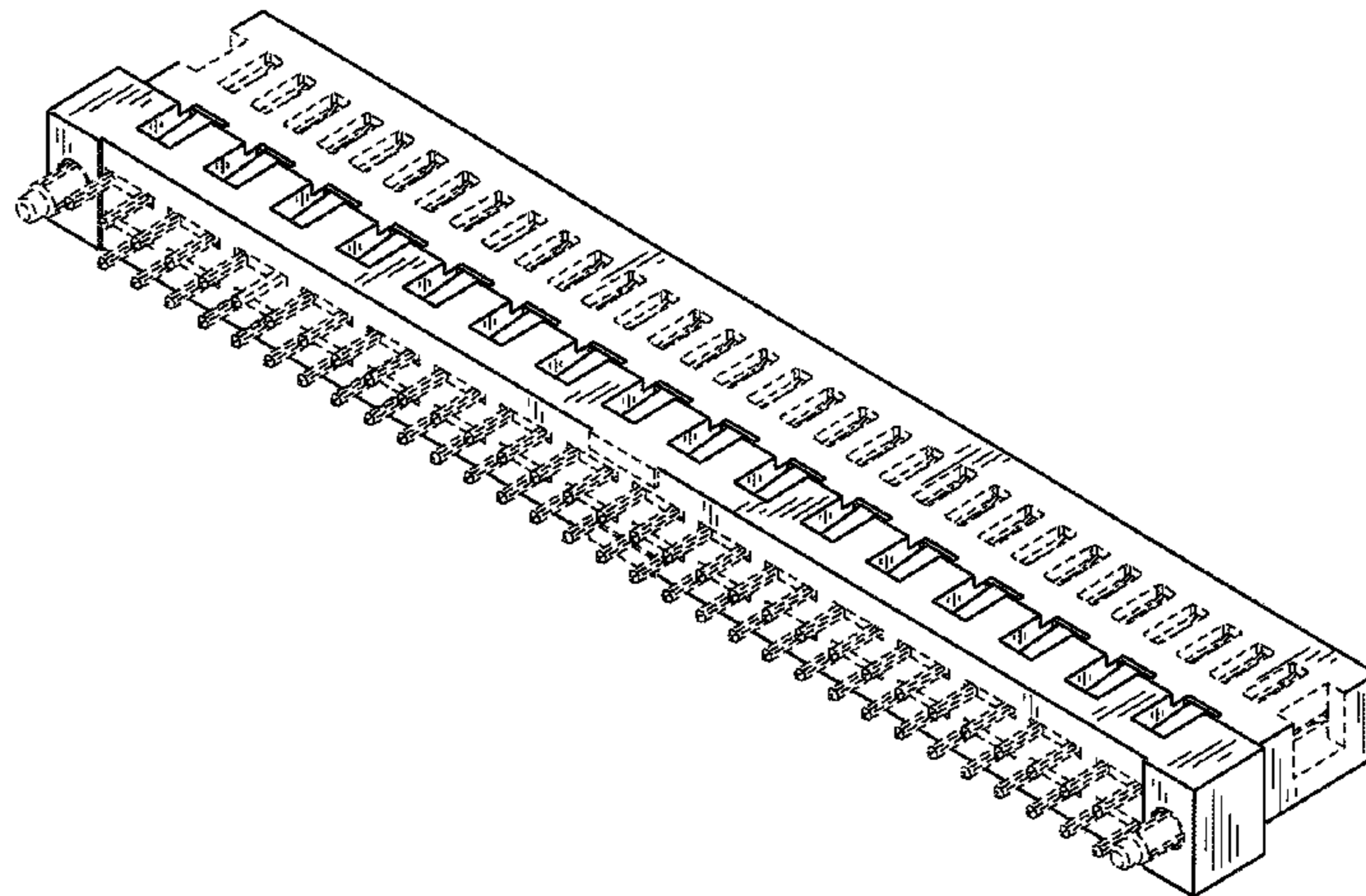
FIG. 5 is a front elevation view thereof;

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.

**1 Claim, 4 Drawing Sheets**



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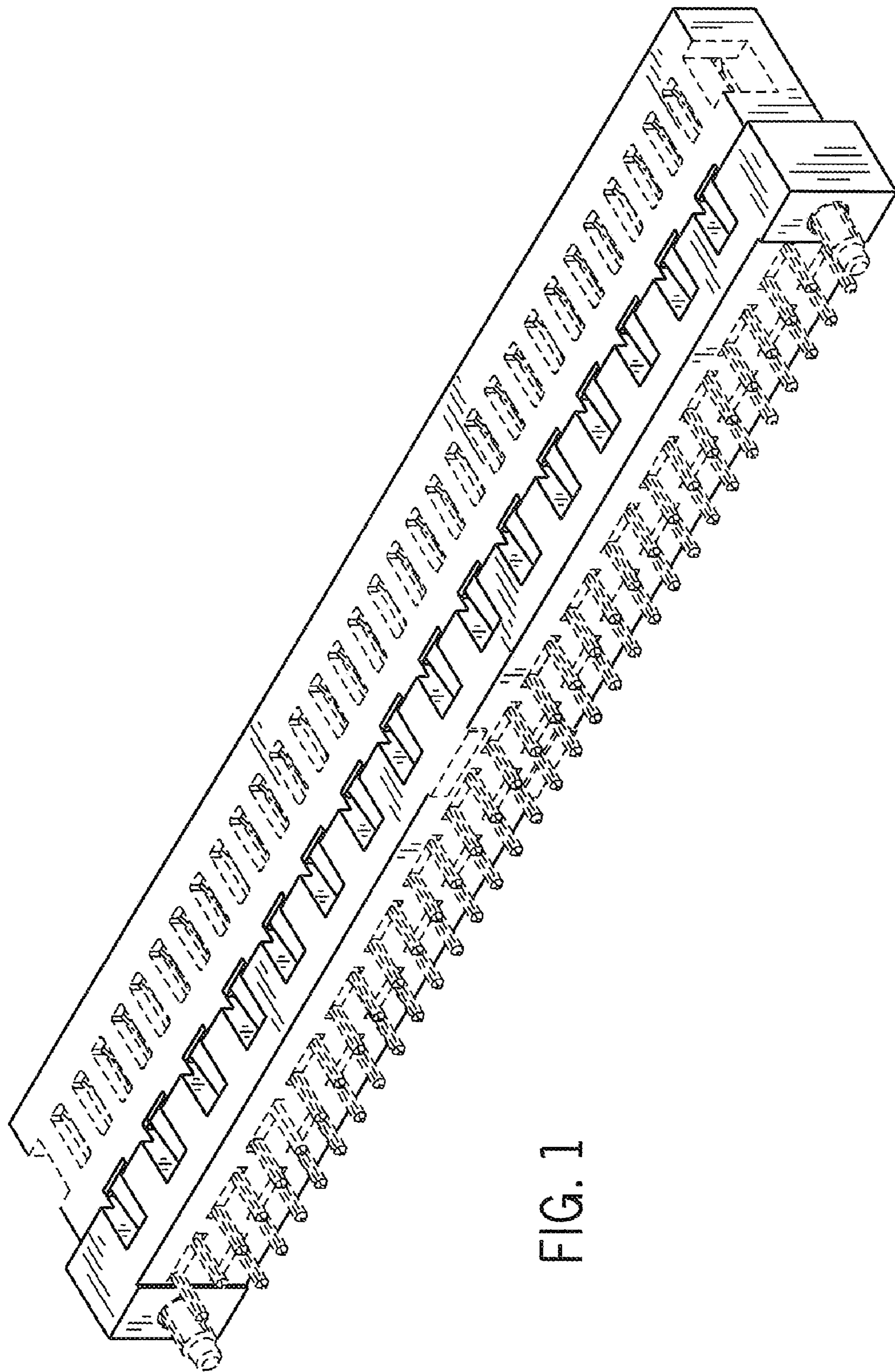


FIG. 1

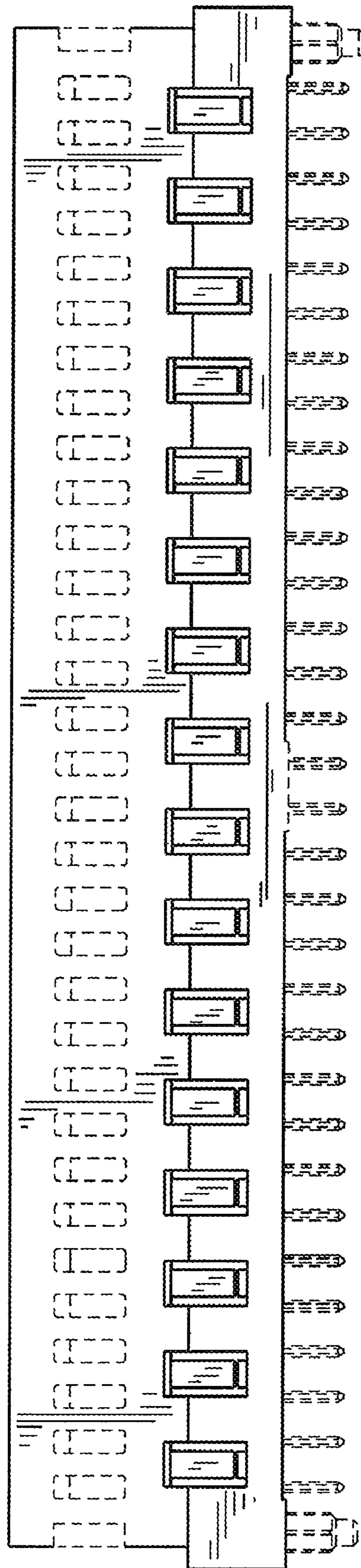


FIG. 2

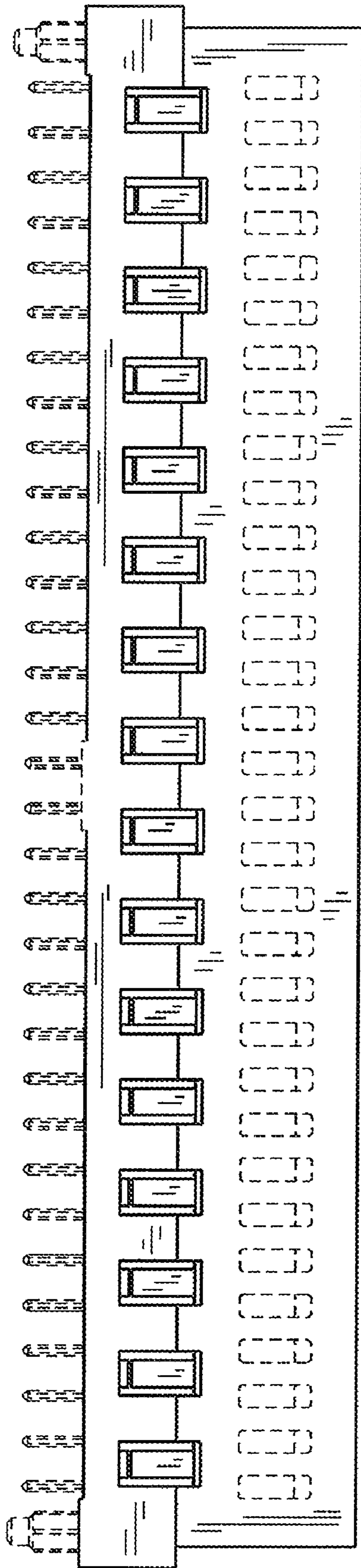


FIG. 3

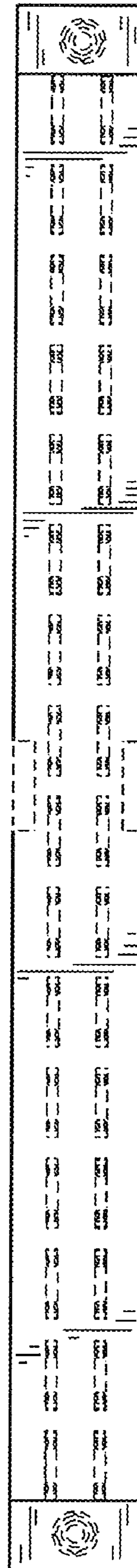


FIG. 4

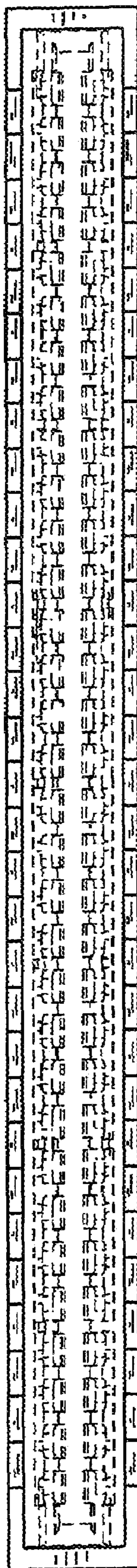


FIG. 5

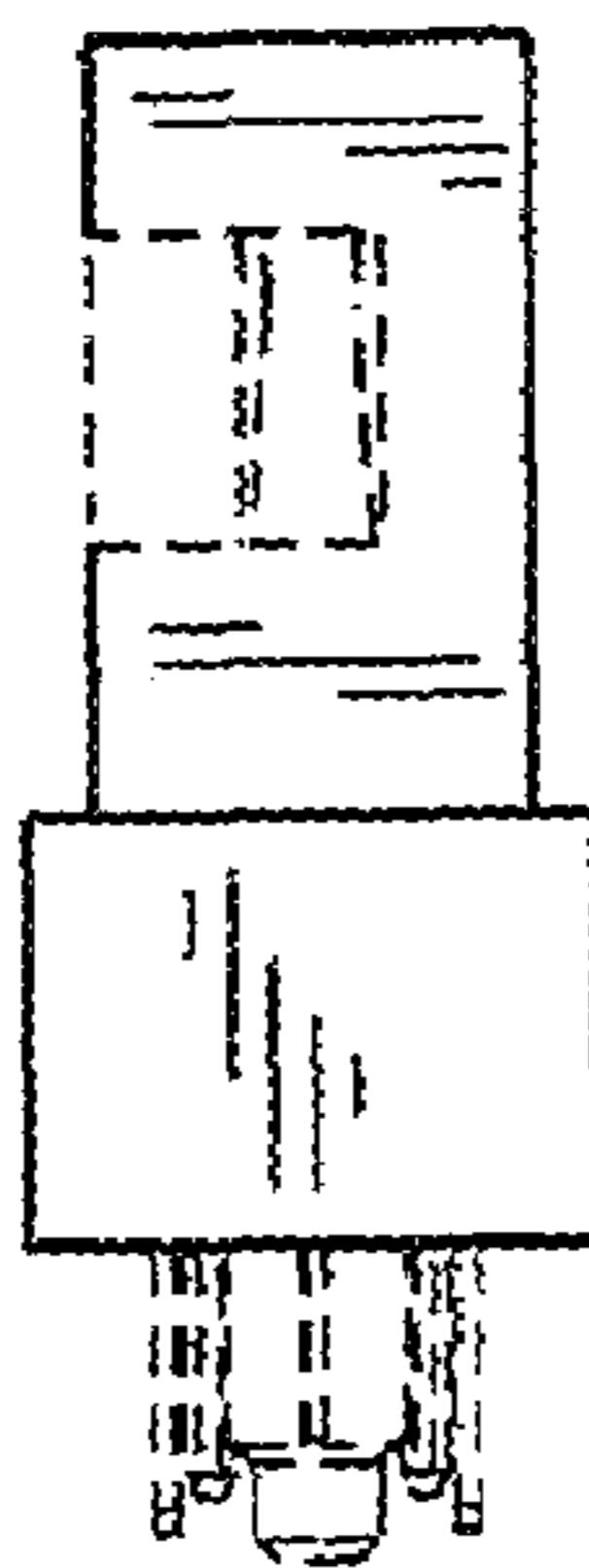


FIG. 6



FIG. 7



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

PATENT NO. : Des. 606,497 S  
APPLICATION NO. : 29/330997  
DATED : December 22, 2009  
INVENTOR(S) : Hung Viet Ngo

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

Title Page, before "DESCRIPTION" insert the following omitted paragraph:

-- CROSS-REFERENCE TO RELATED APPLICATIONS

This application is related by subject matter to U.S. Provisional Patent Application Serial No. 61/205,276 filed on January 16, 2009, pending; and is further related by subject matter to U.S. Design Patent Application Serial Nos. 29/331,013 filed on January 16, 2009, now U.S. Patent Number D608,293; 29/331,017 filed on January 16, 2009, now U.S. Patent Number D610,548; and 29/330,990 filed on January 16, 2009, now U.S. Patent Number D606,496. --

Signed and Sealed this

Thirteenth Day of April, 2010



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