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

(10) **Patent No.:** **US D640,638 S**
(45) **Date of Patent:** **** Jun. 28, 2011**

(54) **VERTICAL ELECTRICAL CONNECTOR**

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Carson City, NV (US)

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

(21) Appl. No.: **29/383,232**

(22) Filed: **Jan. 14, 2011**

Related U.S. Application Data

(63) Continuation of application No. 29/364,019, filed on Jun. 17, 2010, which is a continuation of application No. 29/345,798, filed on Oct. 22, 2009, now Pat. No. Des. 623,138, which is a continuation of application No. 29/331,013, filed on Jan. 16, 2009, now Pat. No. Des. 608,293.

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

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

(58) **Field of Classification Search** D13/146-147,
D13/154, 156, 184; 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

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

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Primary Examiner — Daniel Bui

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(57) **CLAIM**

I claim the ornamental design for a vertical electrical connector, as shown and described.

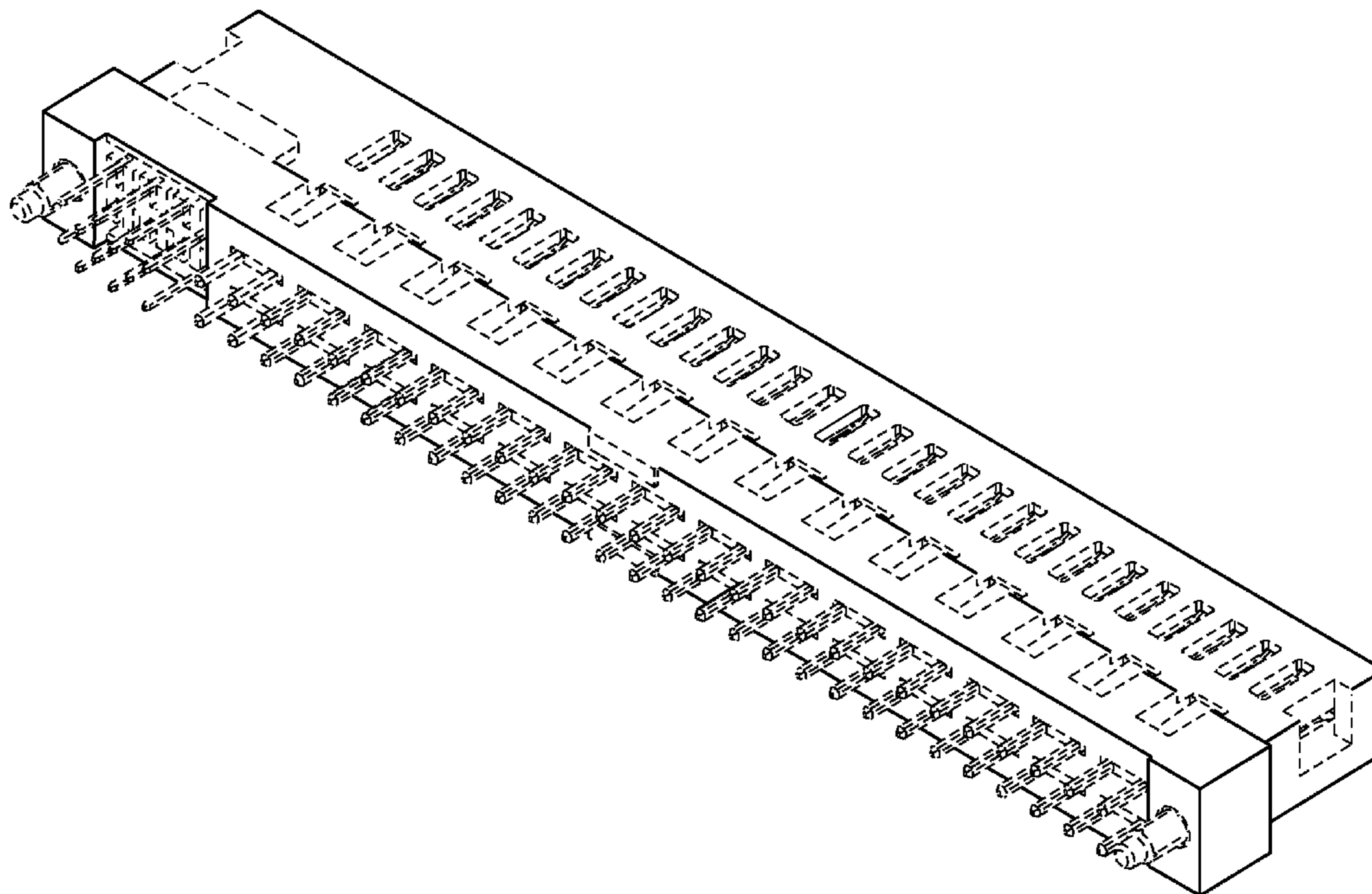
DESCRIPTION

This application is related by subject matter to U.S. Provisional patent application Ser. No. 61/205,276 filed on Jan. 16, 2009, and is further related by subject matter to U.S. Design patent application Ser. Nos. 29/331,017 filed on Jan. 16, 2009, now U.S. Pat. No. D610,548; 29/330,990 filed on Jan. 16, 2009, now U.S. Pat. No. D606,496; and 29/330,997 filed on Jan. 16, 2009, now U.S. Pat. No. D606,497, and is further related by subject matter to U.S. Design patent application Ser. No. 29/345,790, filed Oct. 22, 2009, and U.S. Design patent application Ser. No. 29/345,808, filed Oct. 22, 2009.

FIG. 1 is a rear perspective view of a vertical electrical connector showing my new design; FIG. 2 is a top plan view thereof; FIG. 3 is a bottom plan view thereof; FIG. 4 is a rear elevational view thereof; FIG. 5 is a front elevational view thereof; FIG. 6 is a left side elevational view thereof; and, FIG. 7 is a right side elevational view thereof.

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

1 Claim, 4 Drawing Sheets



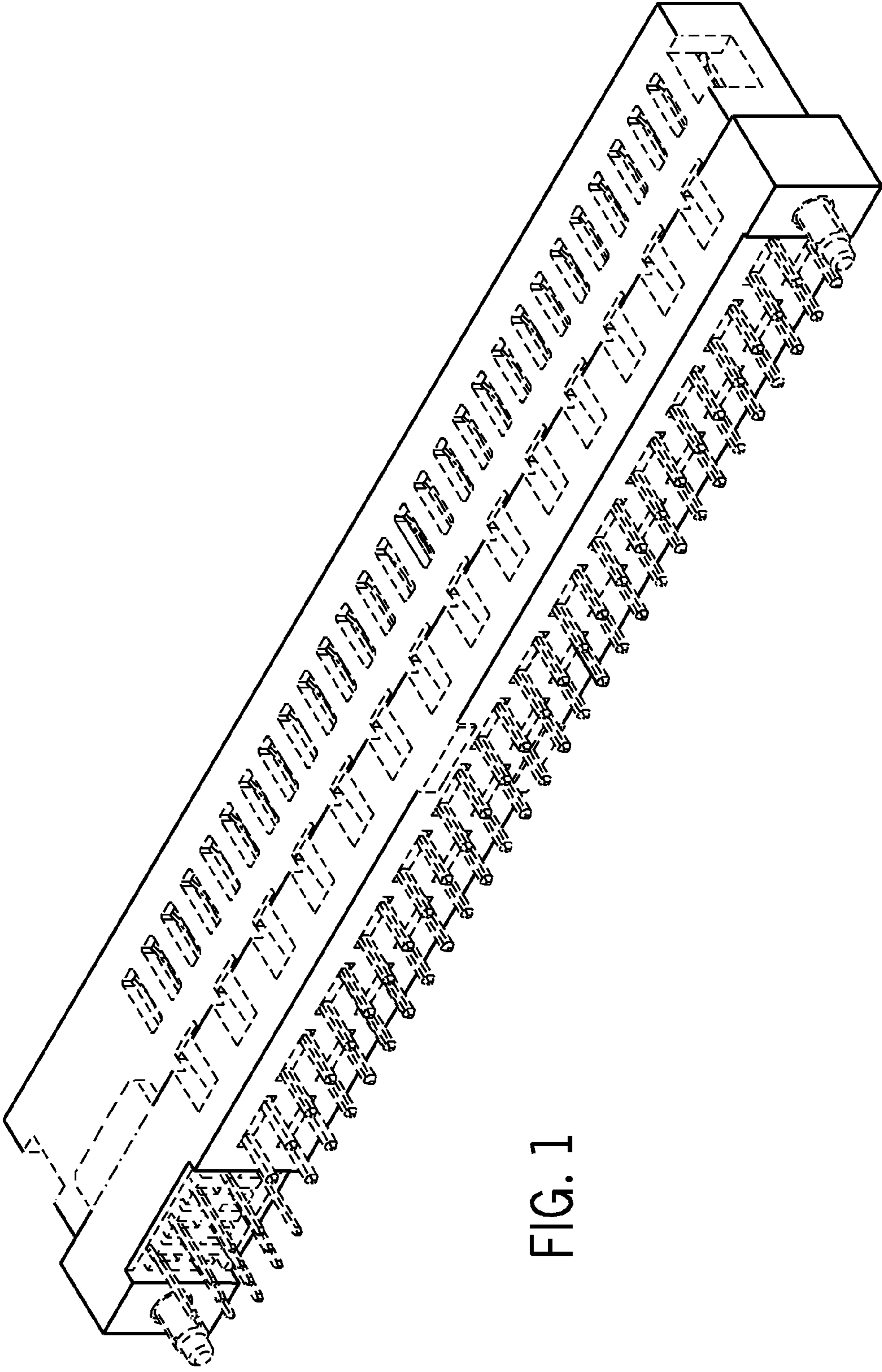


FIG. 1

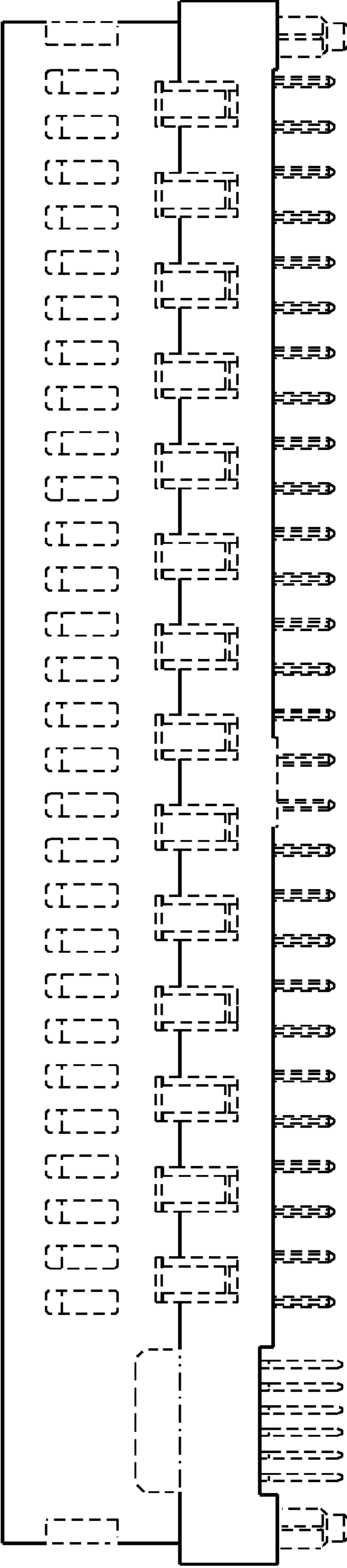


FIG. 2

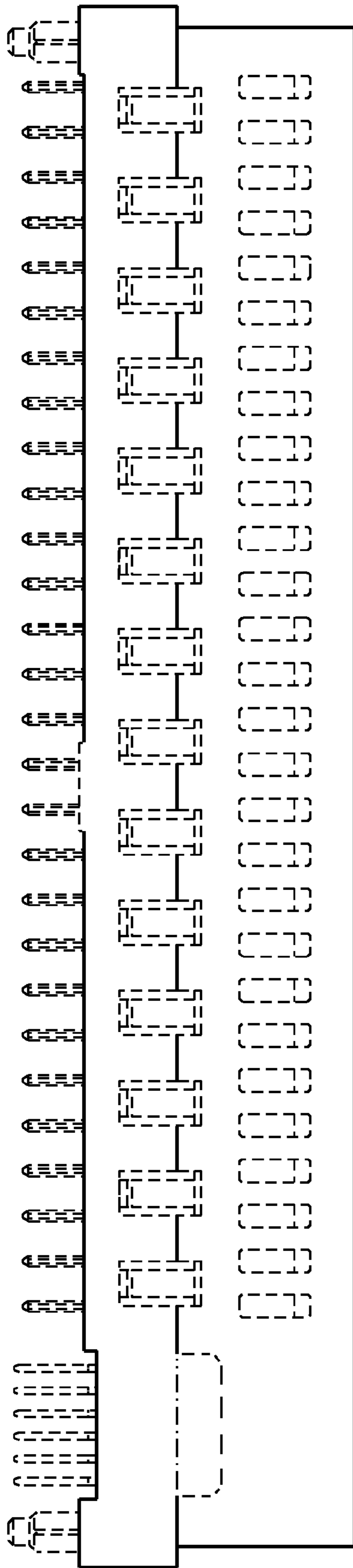


FIG. 3

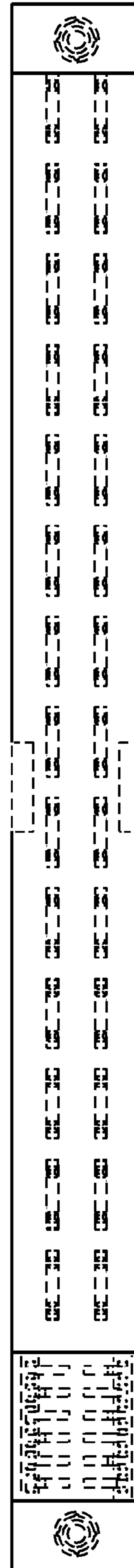


FIG. 4



FIG. 5

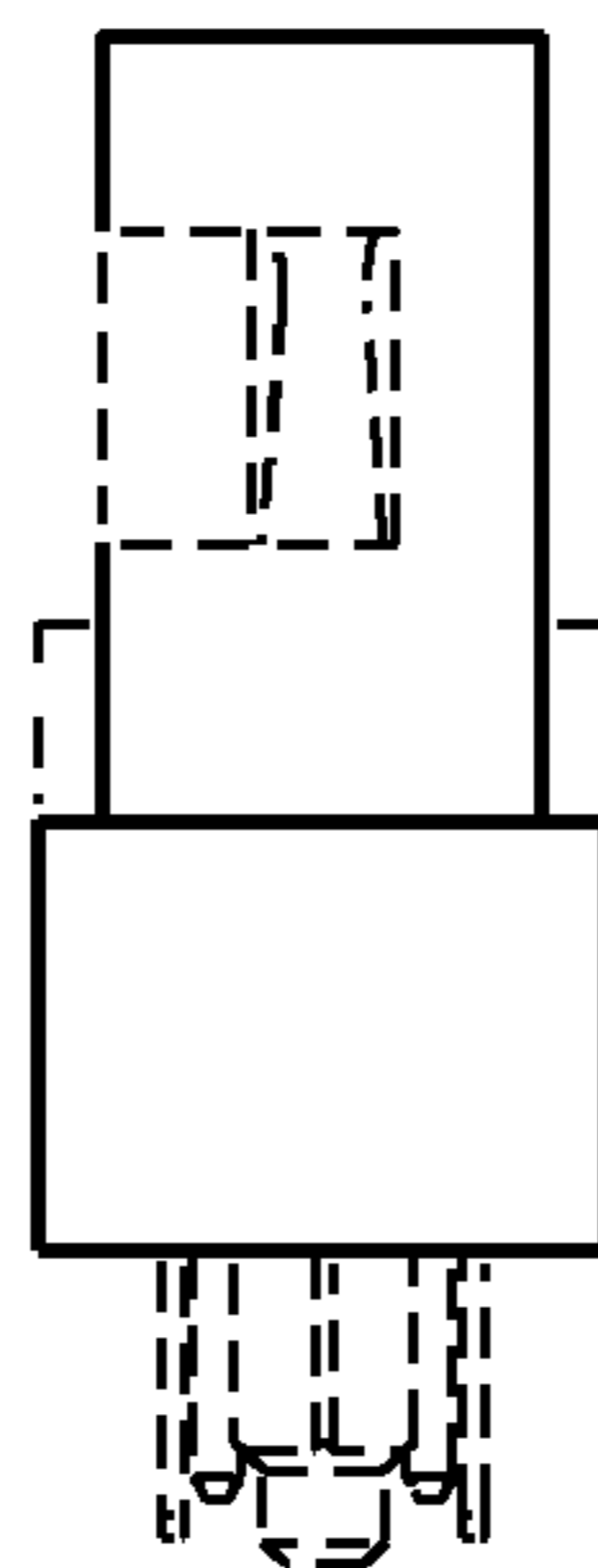


FIG. 6

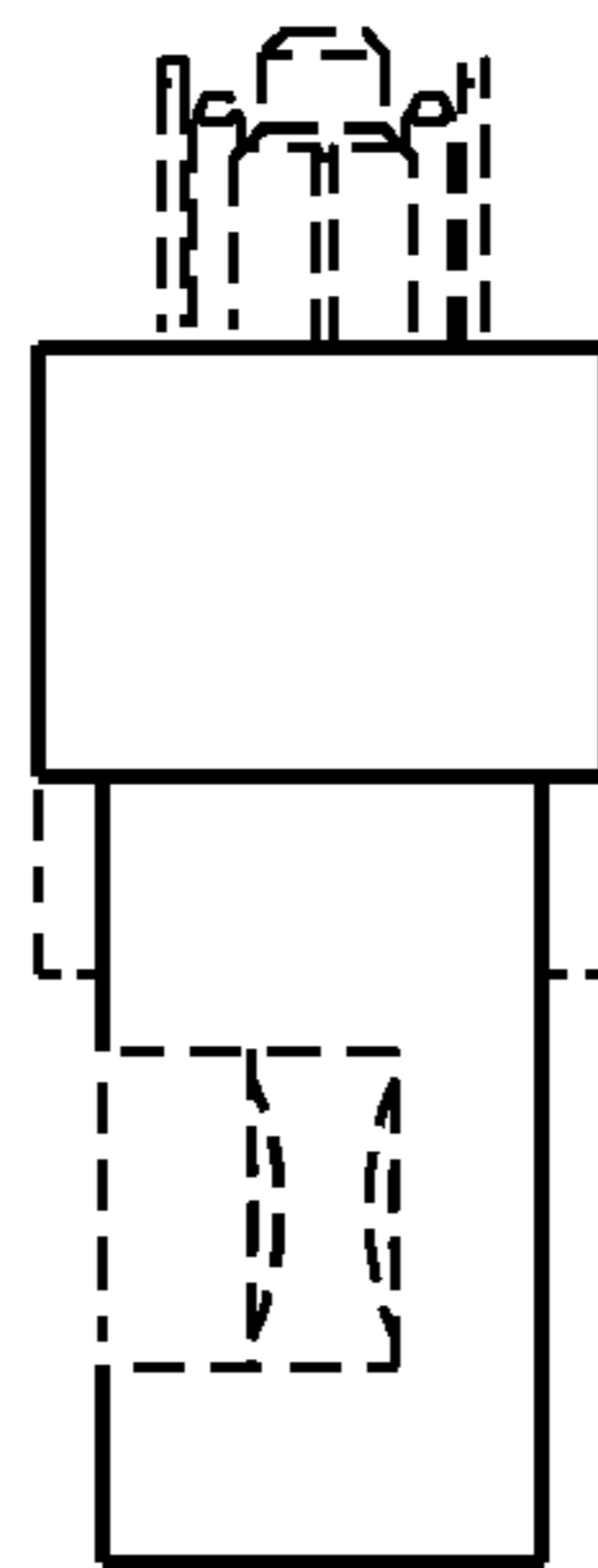


FIG. 7