



US00D682216S

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

(10) **Patent No.:** **US D682,216 S**  
(45) **Date of Patent:** **\*\* May 14, 2013**

(54) **ELECTRICAL CONNECTOR**

D611,424 S \* 3/2010 Arai et al. .... D13/147  
D629,361 S \* 12/2010 Arai et al. .... D13/147  
D649,940 S \* 12/2011 Arai et al. .... D13/147

(75) Inventor: **Yukiko Sato**, Tokyo (JP)

**FOREIGN PATENT DOCUMENTS**

(73) Assignee: **Japan Aviation Electronics Industry, Limited**, Tokyo (JP)

JP D1386266 S 4/2010

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

\* cited by examiner

(21) Appl. No.: **29/428,437**

*Primary Examiner* — Daniel Bui

(22) Filed: **Jul. 31, 2012**

(74) *Attorney, Agent, or Firm* — Cermak Nakajima LLP;  
Tomoko Nakajima

(30) **Foreign Application Priority Data**

(57) **CLAIM**

Feb. 20, 2012 (JP) ..... 2012-003409

The ornamental design for an electrical connector, as shown.

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

**DESCRIPTION**

(52) **U.S. Cl.**

USPC ..... **D13/147**

(58) **Field of Classification Search** ..... D13/133,  
D13/147, 154, 184, 199; 439/79, 108, 180,  
439/246, 374, 488, 527, 529, 530, 533, 540.1,  
439/541.5, 607.1, 607.4, 607.5, 607.17, 607.25,  
439/607.34, 607.41, 607.53, 660, 676, 680,  
439/883, 891, 892, 894

FIG. 1 is a front elevational view of an electrical connector showing my new design;  
FIG. 2 is a top plan view thereof;  
FIG. 3 is a right side elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a rear elevational view thereof; and  
FIG. 6 is a bottom plan view thereof.  
FIG. 7 is a front and top perspective view thereof;  
FIG. 8 is a back and top perspective view thereof;  
FIG. 9 is a front and bottom perspective view thereof; and,  
FIG. 10 is a back and bottom perspective view thereof.

See application file for complete search history.

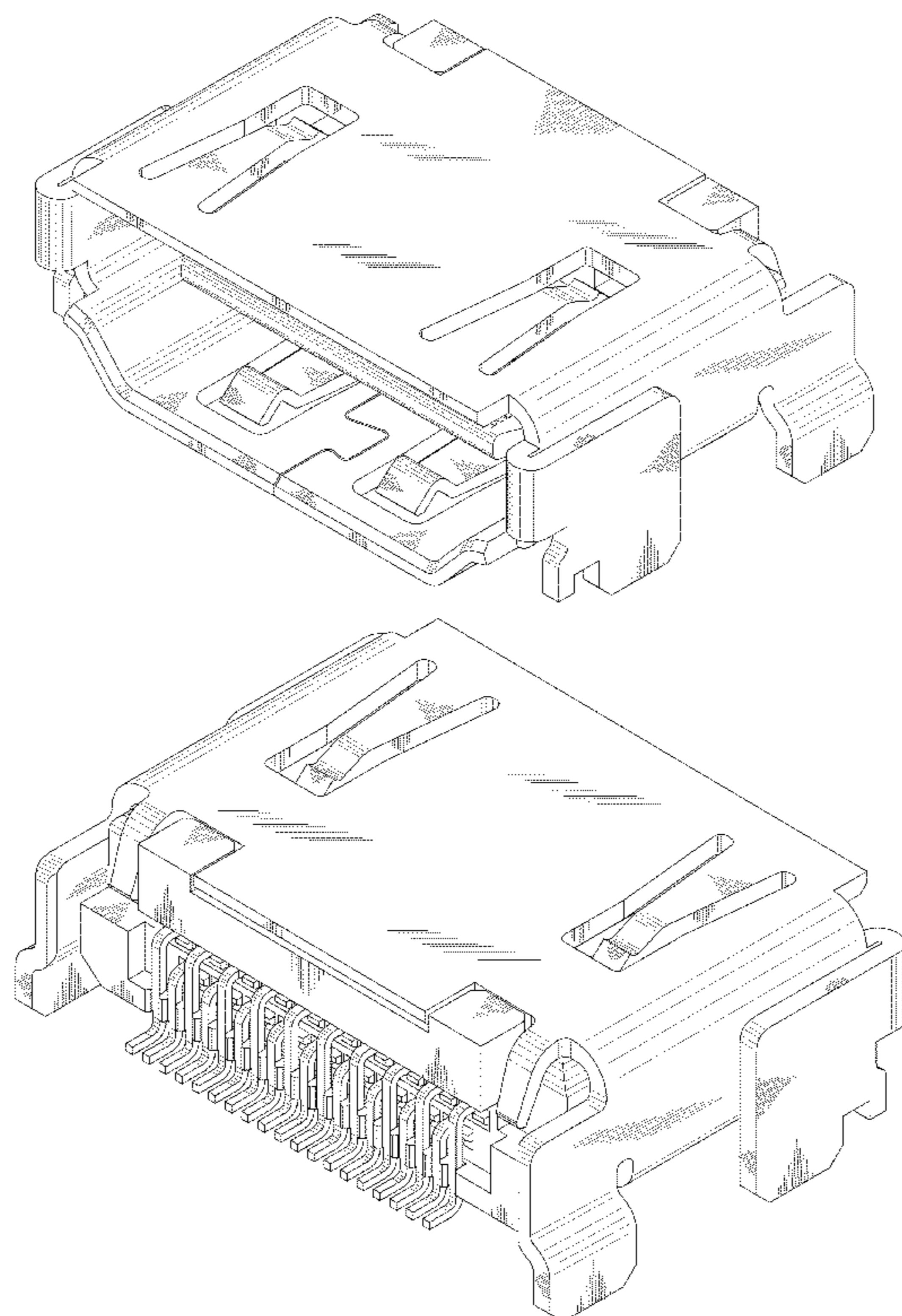
The broken line portion of the figure drawings is included to show unclaimed subject matter only and forms no part of the claimed design.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D478,320 S \* 8/2003 Suzuki et al. .... D13/147  
D482,002 S \* 11/2003 Suzuki et al. .... D13/147  
D509,190 S \* 9/2005 Tsai ..... D13/147  
D522,970 S \* 6/2006 Toyota et al. .... D13/147

**1 Claim, 10 Drawing Sheets**



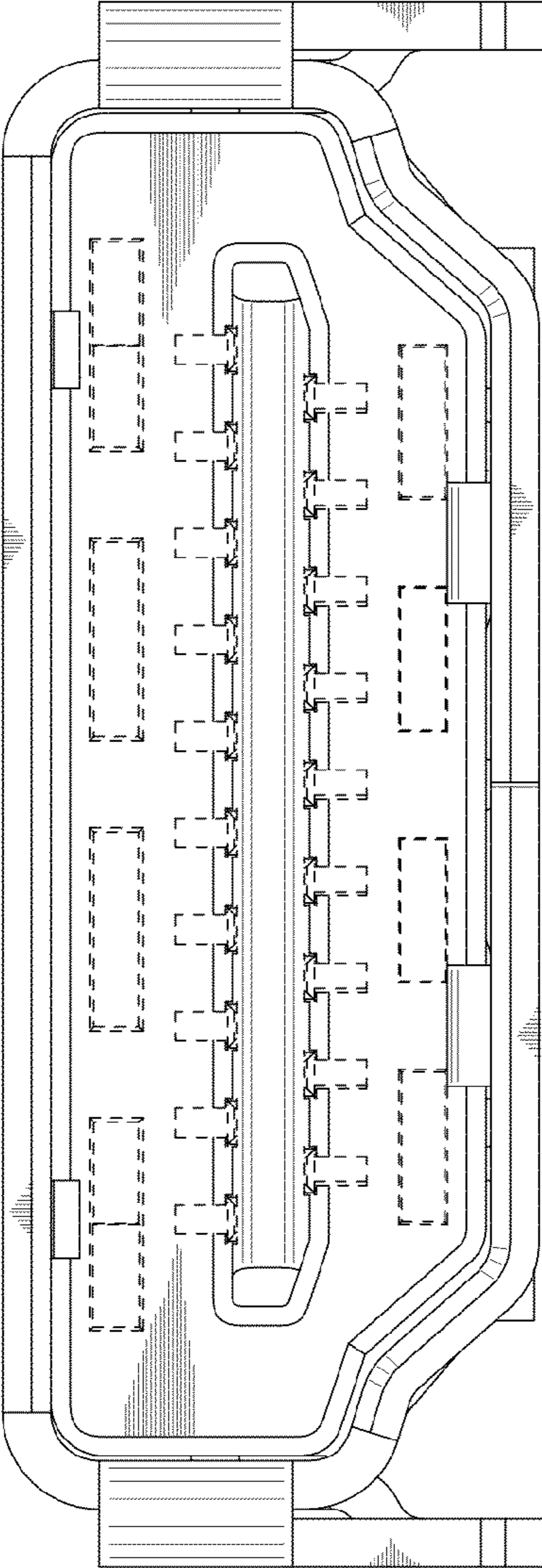


FIG.1

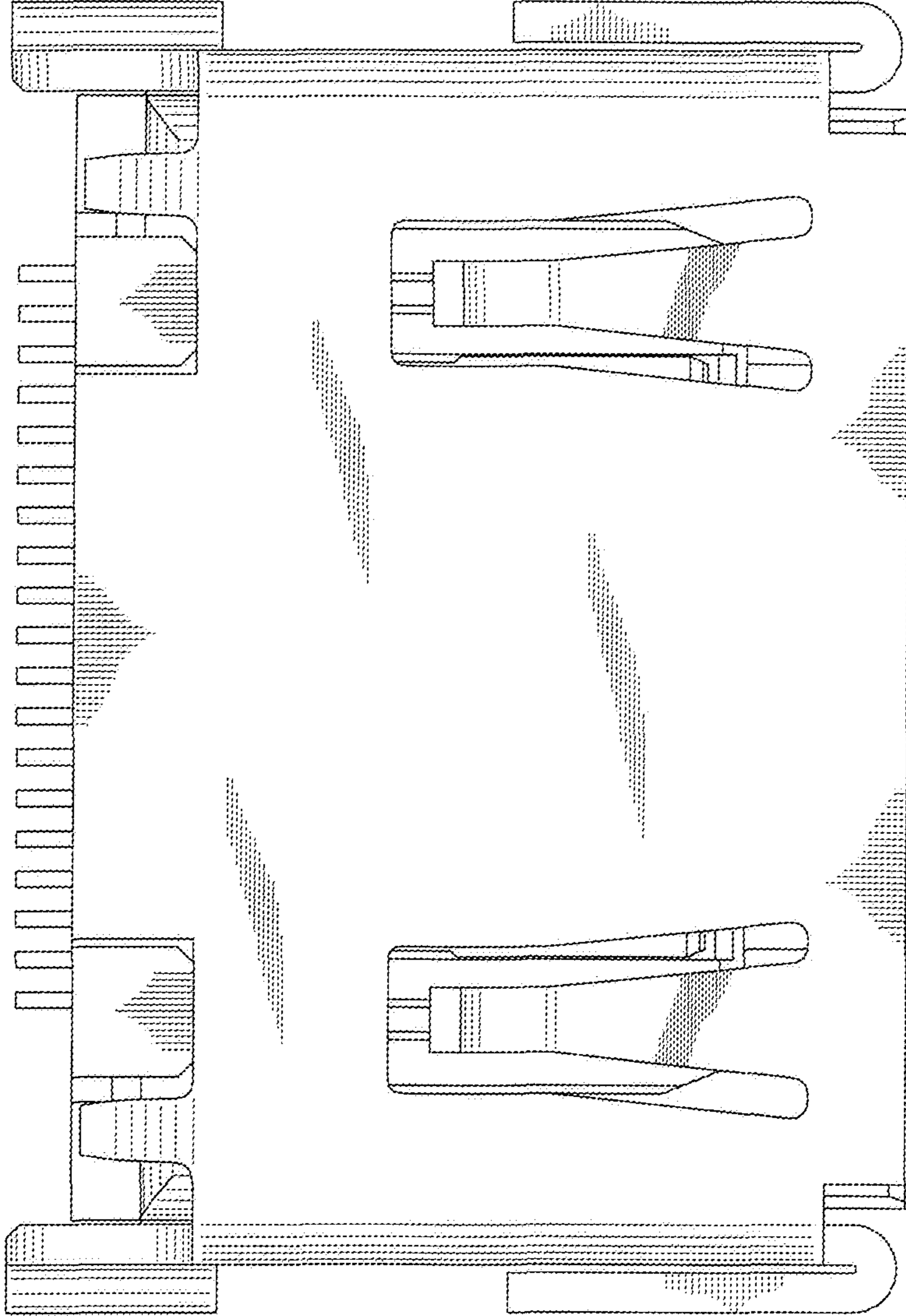


FIG. 2

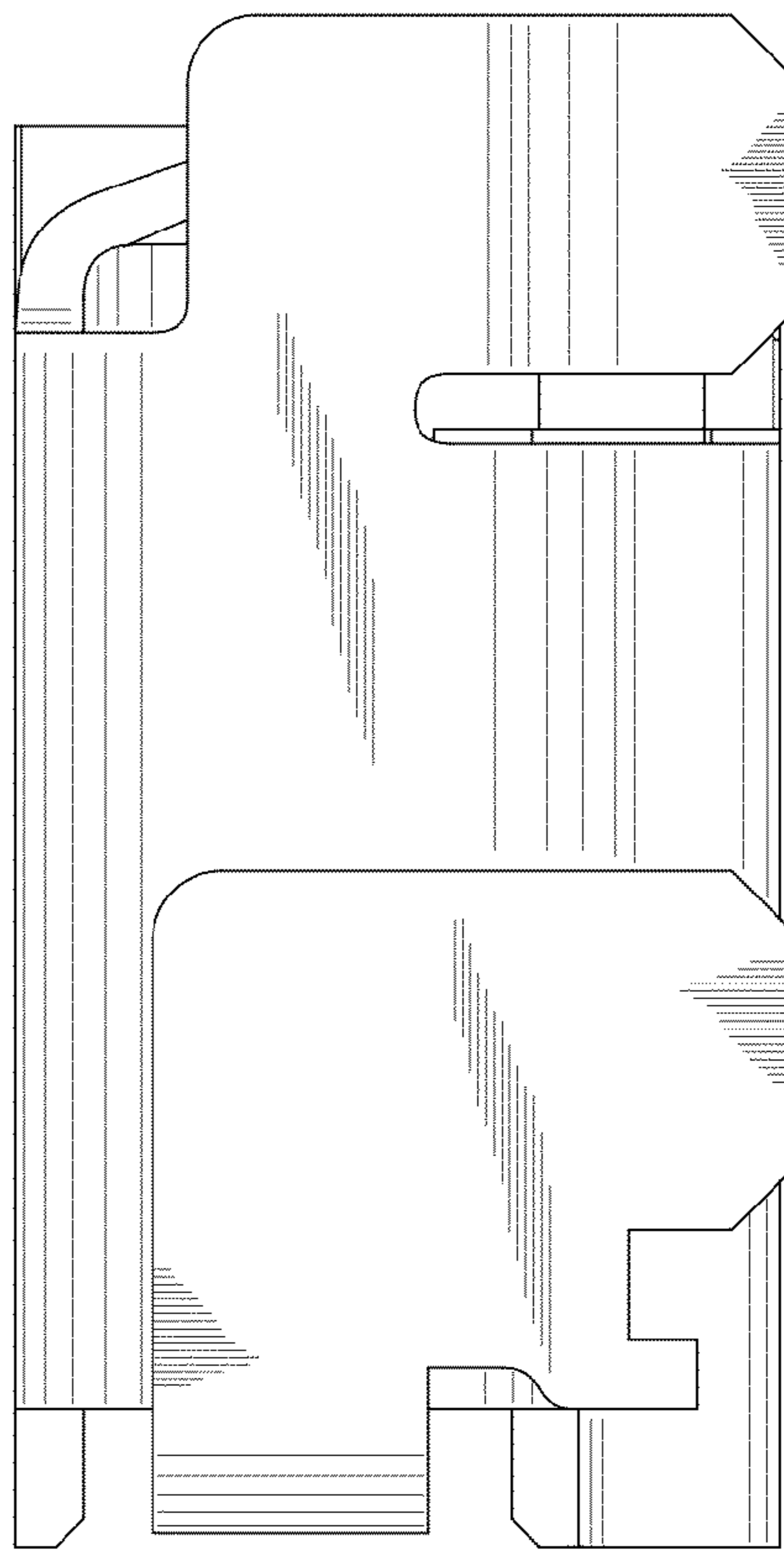


FIG.3

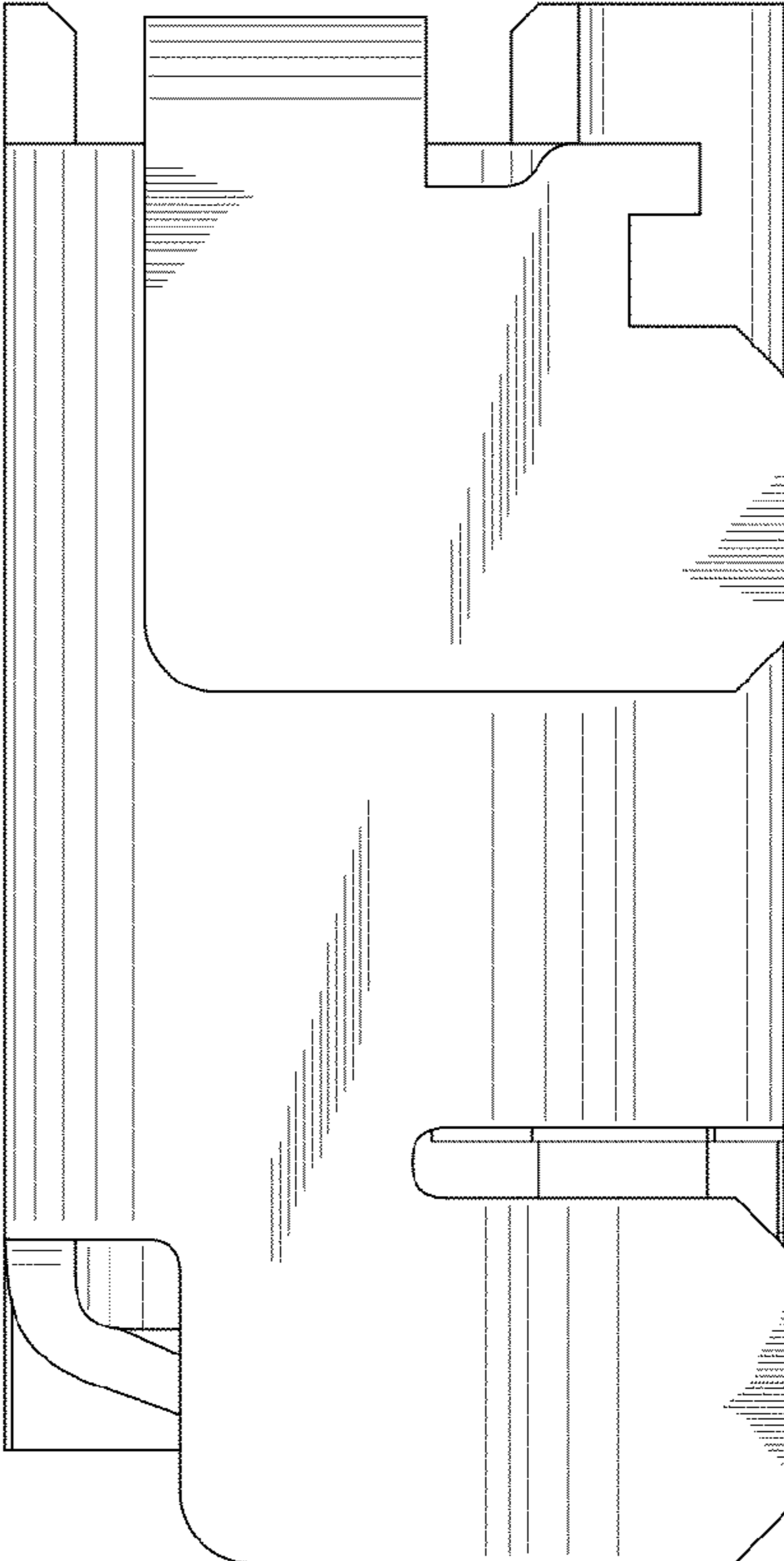


FIG.4



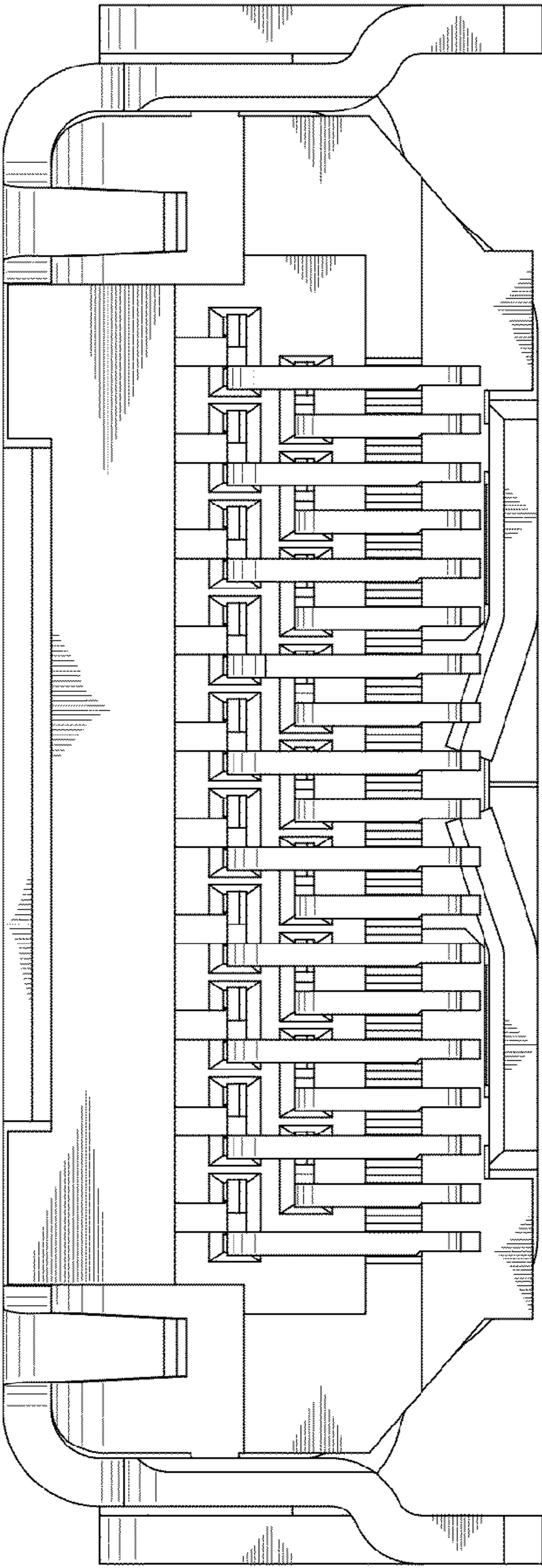


FIG.5

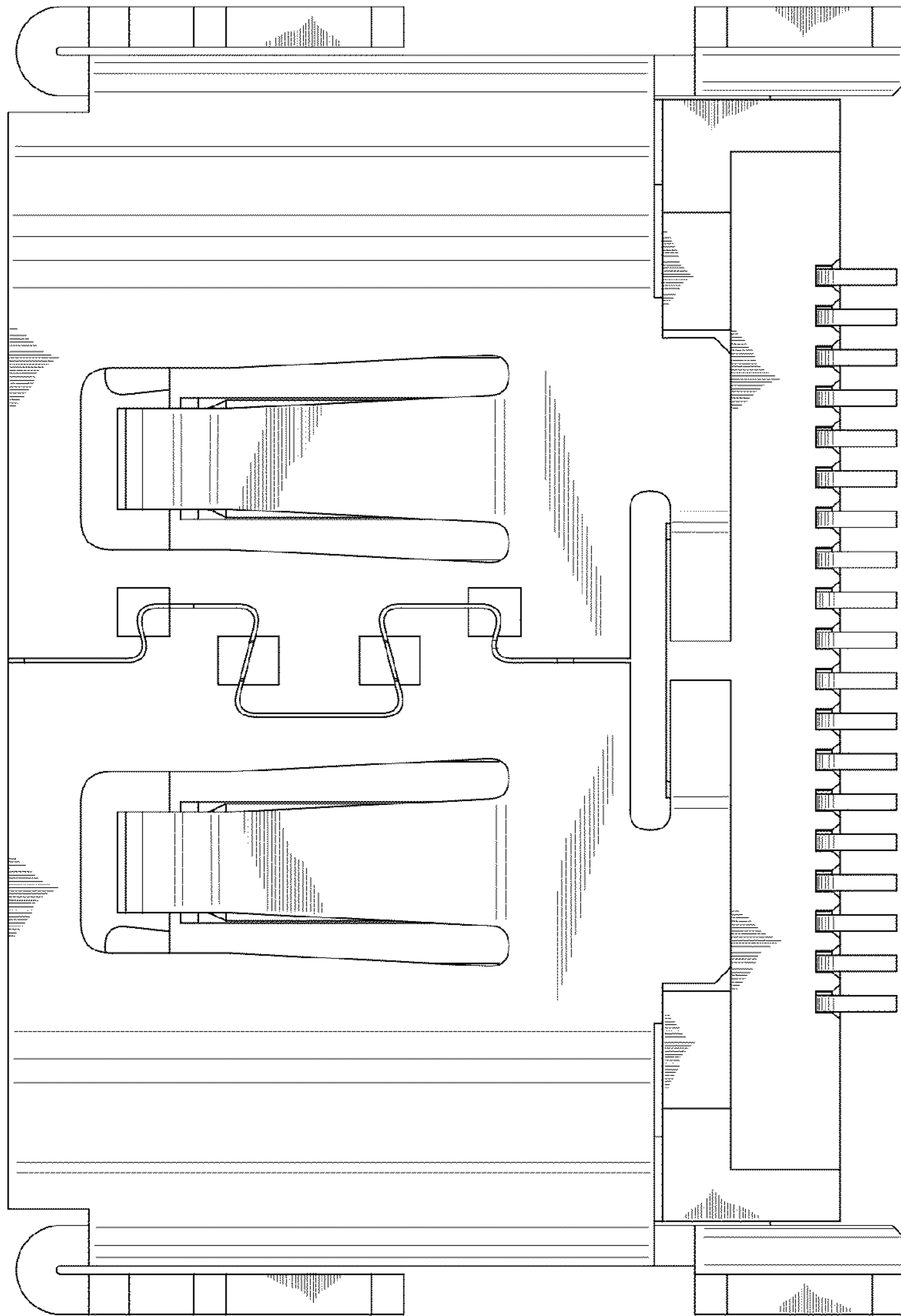


FIG.6

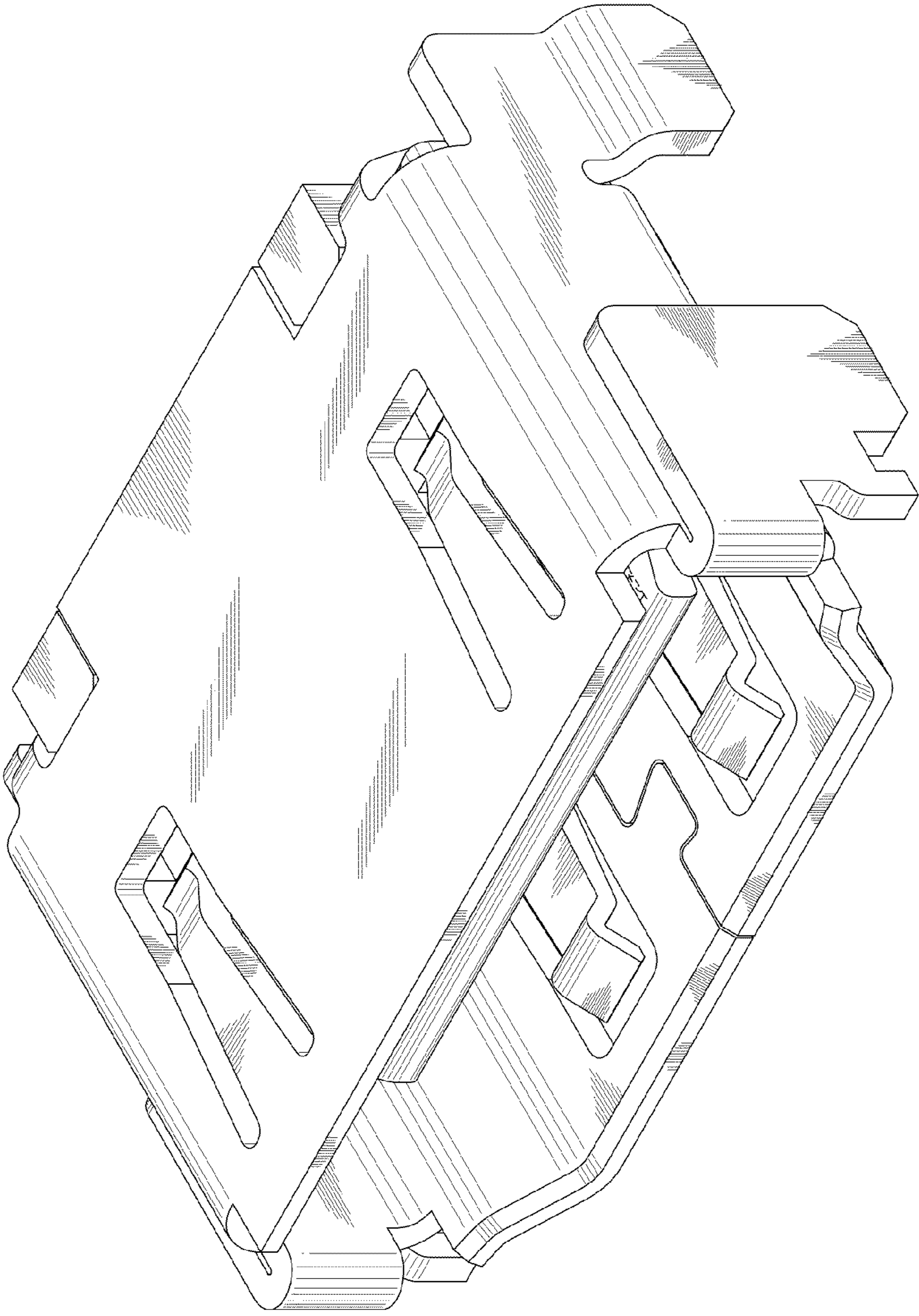


FIG.7



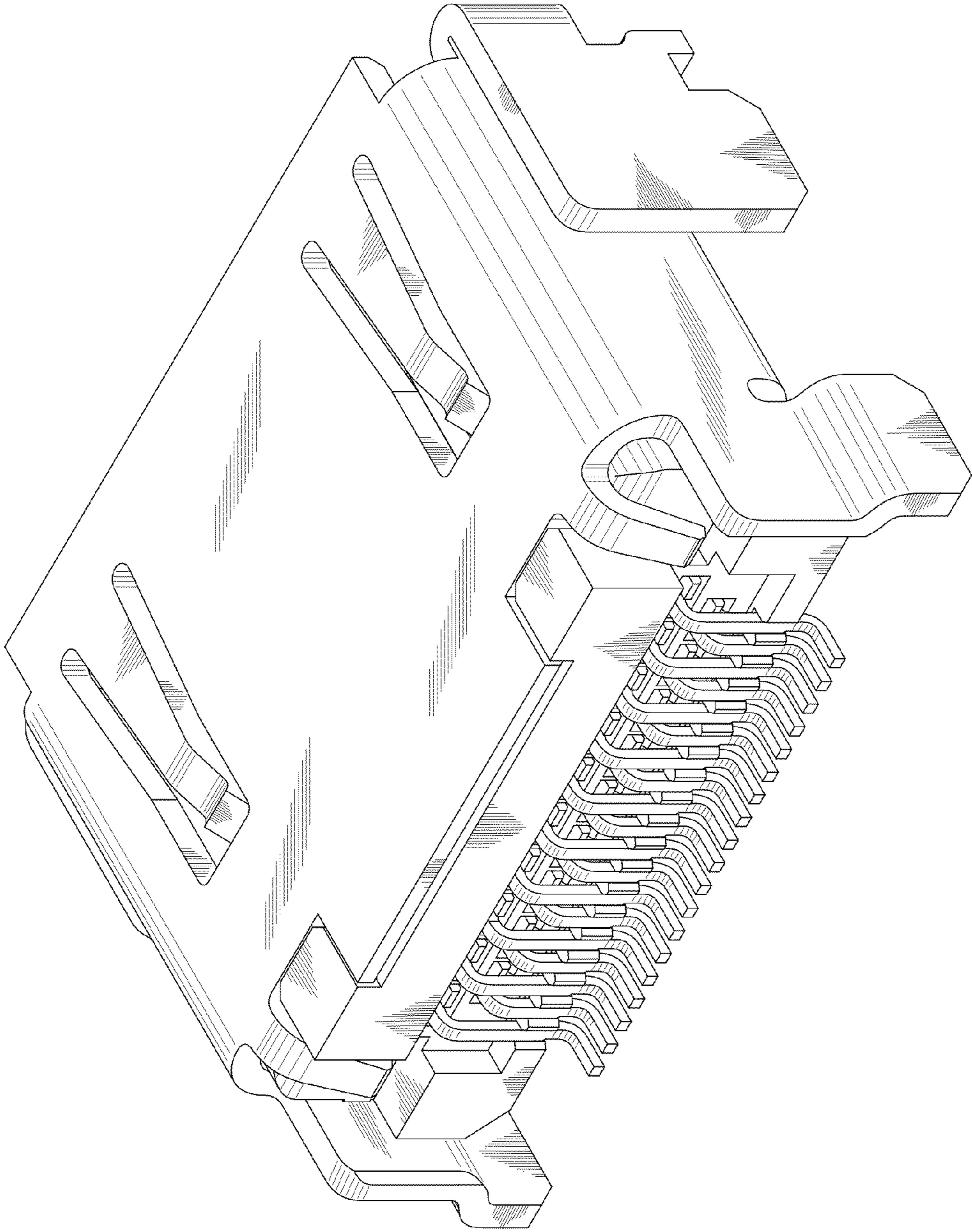


FIG.8

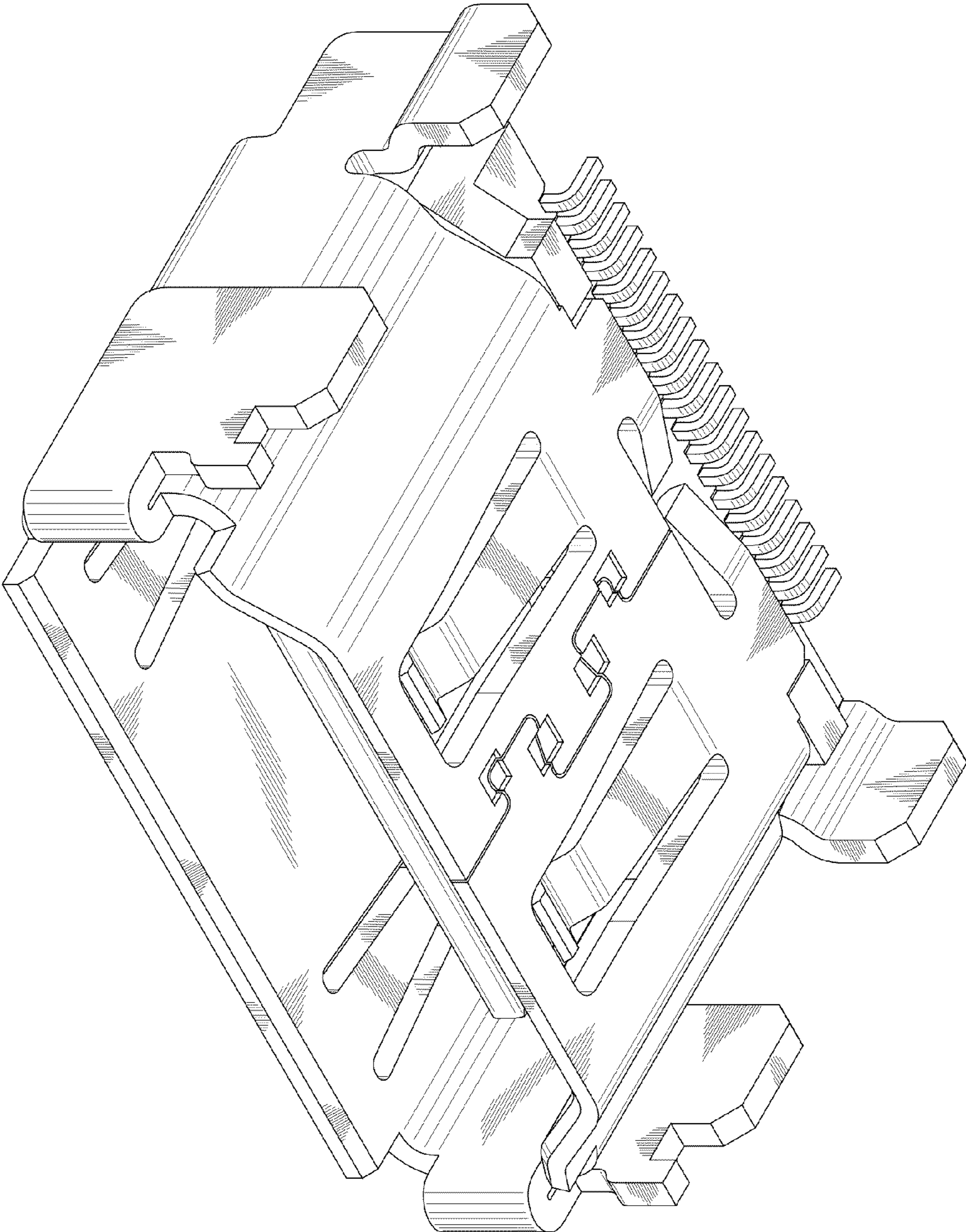


FIG.9

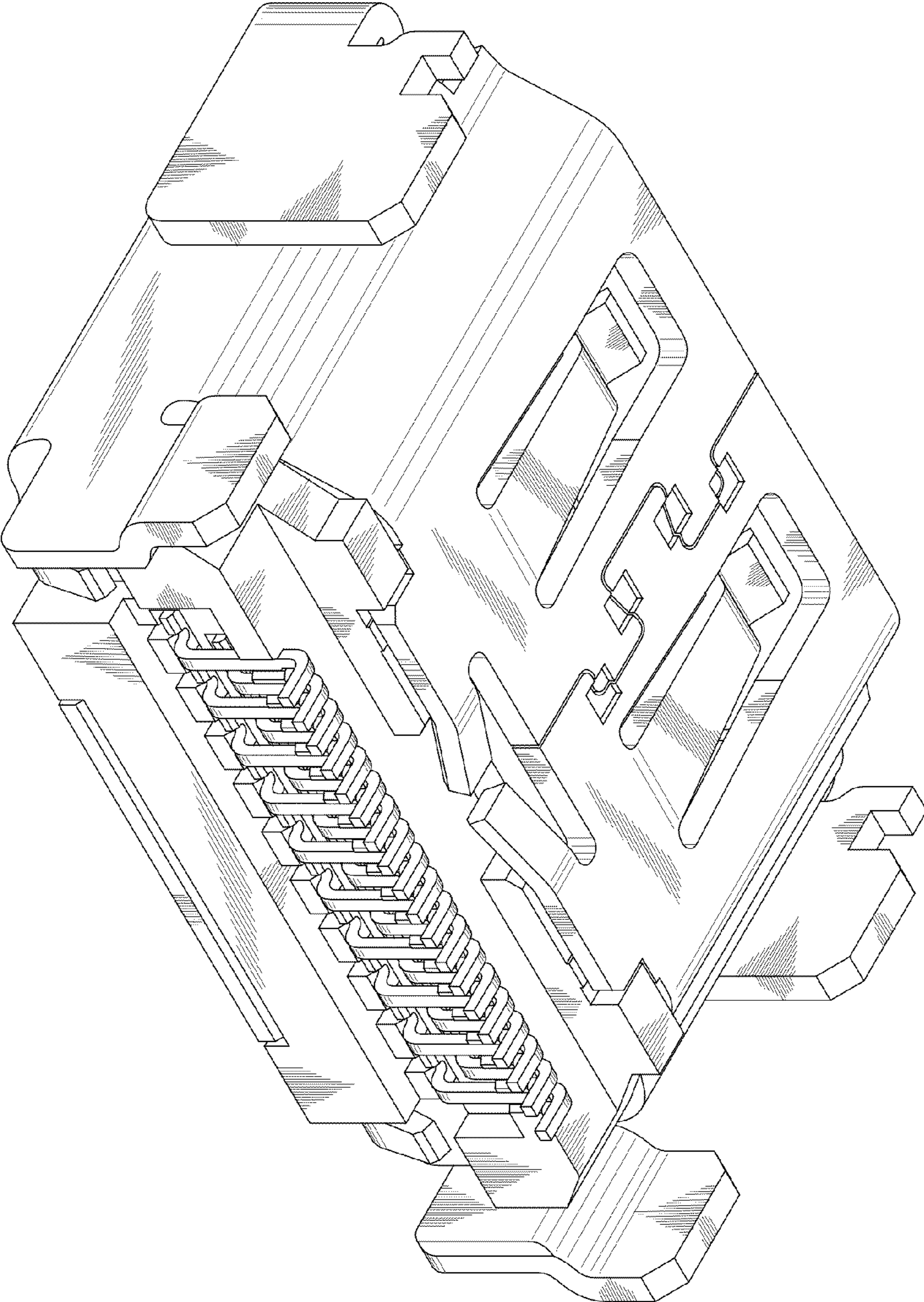


FIG.10