



US0D1089113S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,089,113 S**
Wang (45) **Date of Patent:** **** Aug. 19, 2025**

(54) **ELECTRICAL CONNECTOR**

OTHER PUBLICATIONS

(71) Applicant: **Molex, LLC**, Lisle, IL (US)

Receptacle Connector, posted date unavailable, retrieved May 7, 2025 (online), <https://www.amphenol-cs.com/product/gh02vc2b324hr.html> (Year: 2025).*

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(Continued)

(73) Assignee: **Molex, LLC**, Lisle, IL (US)

Primary Examiner — Justin M Jonaitis

(**) Term: **15 Years**

Assistant Examiner — Bria' L Simmons-Holloway

(21) Appl. No.: **29/988,505**

(57) **CLAIM**

(22) Filed: **Feb. 4, 2025**

The ornamental design for an electrical connector as shown and described.

Related U.S. Application Data

DESCRIPTION

(63) Continuation of application No. 29/919,199, filed on Dec. 1, 2023.

FIG. 1 is a front view of an electrical connector showing my new design;

(30) **Foreign Application Priority Data**

FIG. 2 is a rear view thereof;

Jun. 1, 2023 (CN) 202330333329.X

FIG. 3 is a left side view thereof;

Sep. 4, 2023 (CN) 202330571577.8

FIG. 4 is a right side view thereof;

(51) **LOC (15) Cl.** **13-03**

FIG. 5 is a top view thereof;

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

FIG. 6 is a bottom view thereof;

USPC **D13/133; D13/147**

FIG. 7 is front top right perspective view thereof;

(58) **Field of Classification Search**

FIG. 8 is a rear top left perspective view thereof;

USPC D13/120, 133, 146, 147, 153, 154, 156,
D13/199; D14/256, 432, 433; 439/94,
439/366, 205, 607.24

FIG. 9 is a front view of an alternative embodiment of an electrical connector showing my new design;

(Continued)

FIG. 10 is a rear view thereof;

(56) **References Cited**

FIG. 11 is a left side view thereof;

U.S. PATENT DOCUMENTS

FIG. 12 is a right side view thereof;

D419,133 S 1/2000 Yoshida et al.

FIG. 13 is a top view thereof;

D427,975 S 7/2000 Zhu

FIG. 14 is a bottom view thereof;

(Continued)

FIG. 15 is front top right perspective view thereof;

FIG. 16 is a rear top left perspective view thereof;

FOREIGN PATENT DOCUMENTS

FIG. 17 is a front view of another alternative embodiment of an electrical connector showing my new design;

CN 213753127 U 7/2021

FIG. 18 is a rear view thereof;

JP D1323822 * 3/2008

FIG. 19 is a left side view thereof;

(Continued)

FIG. 20 is a right side view thereof;

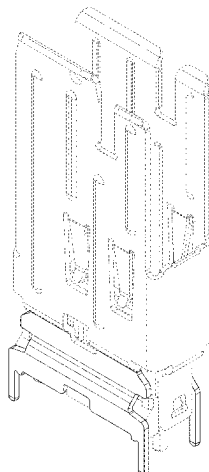
FIG. 21 is a top view thereof;

FIG. 22 is a bottom view thereof;

FIG. 23 is front top right perspective view thereof; and,

FIG. 24 is a rear top left perspective view thereof.

(Continued)



The broken lines represent unclaimed portions of the electrical connector and form no part of the claimed design.

1 Claim, 21 Drawing Sheets

(58) Field of Classification Search

CPC H01R 13/02; H01R 13/11; H01R 13/40;
H01R 13/64; H01R 13/74; H01R
13/6272; H01R 13/6275

See application file for complete search history.

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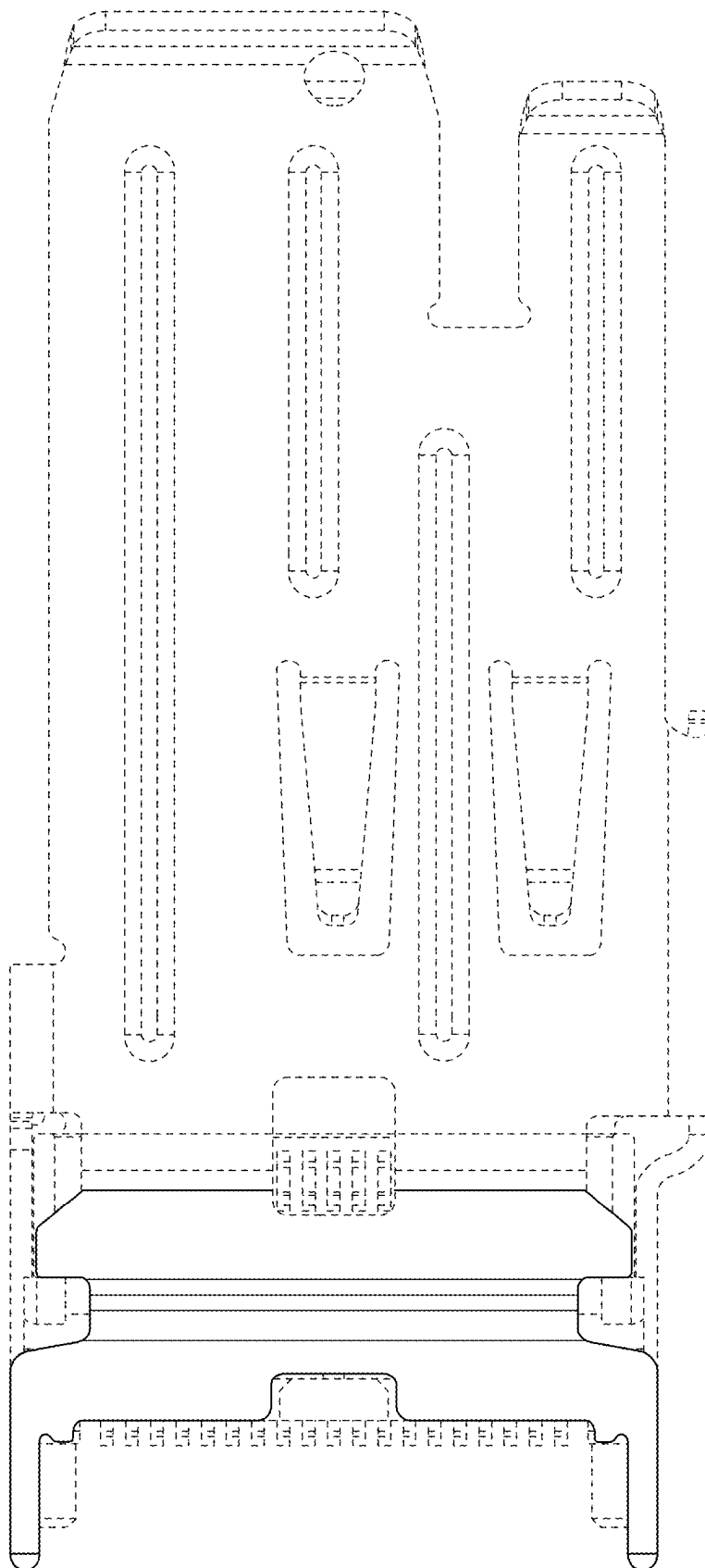


FIG. 1

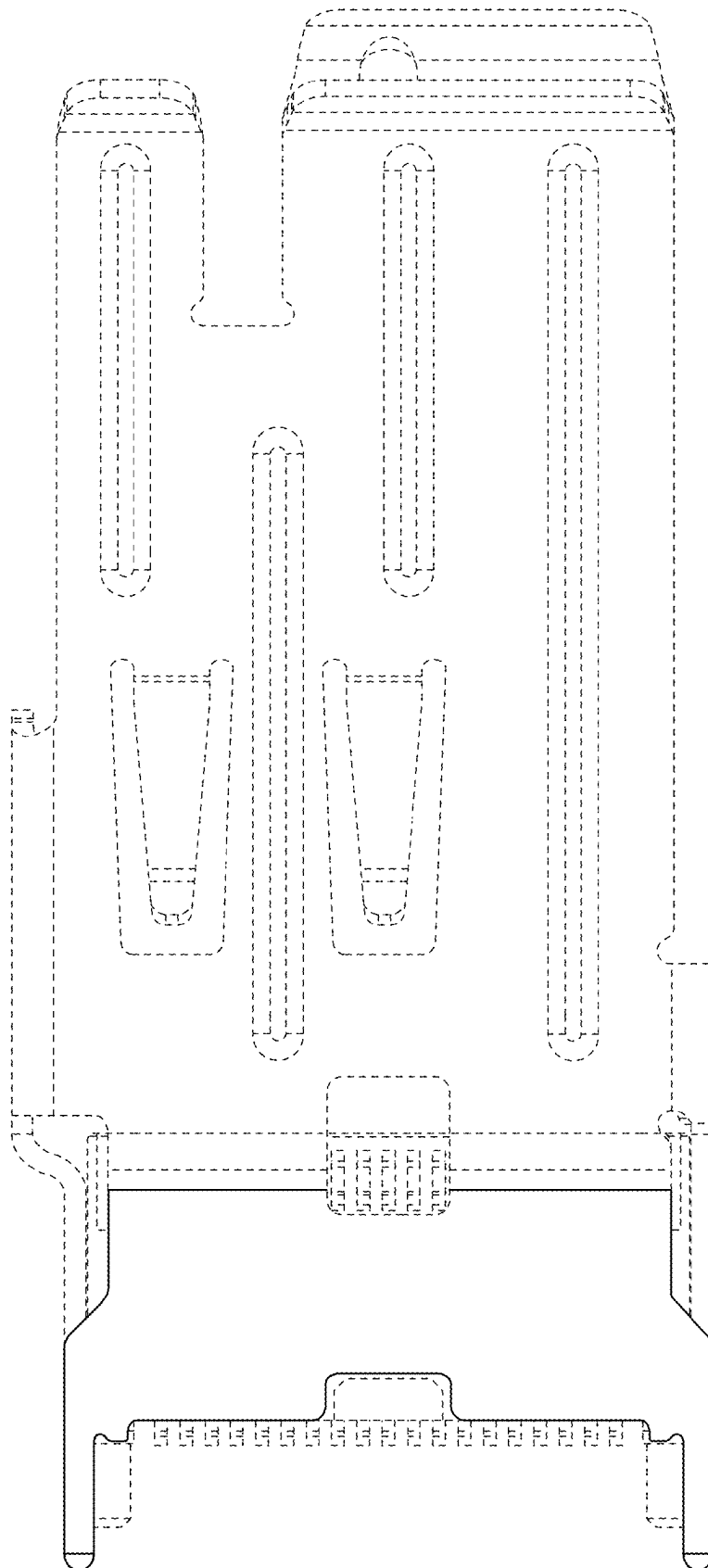


FIG. 2

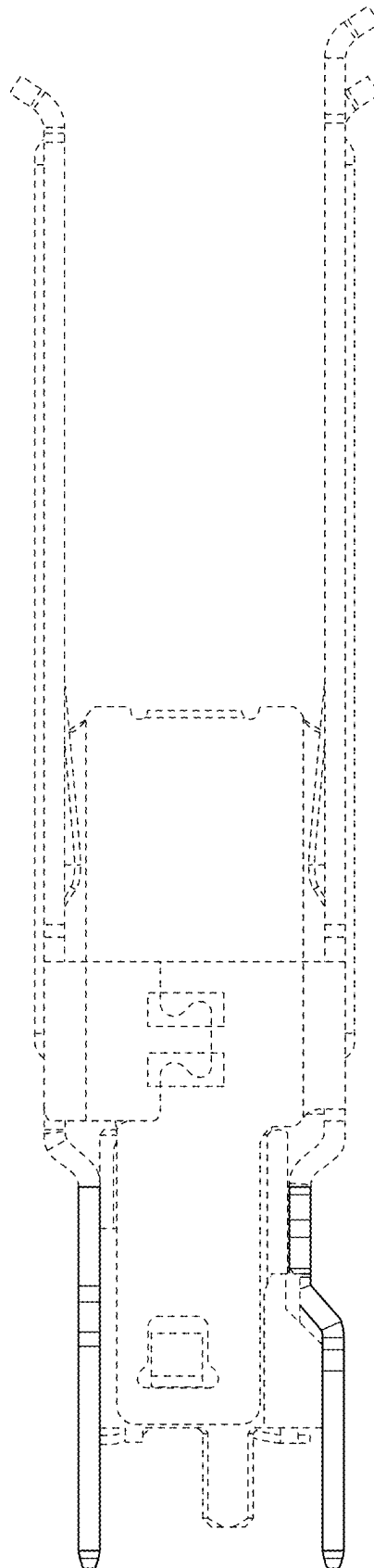


FIG. 3

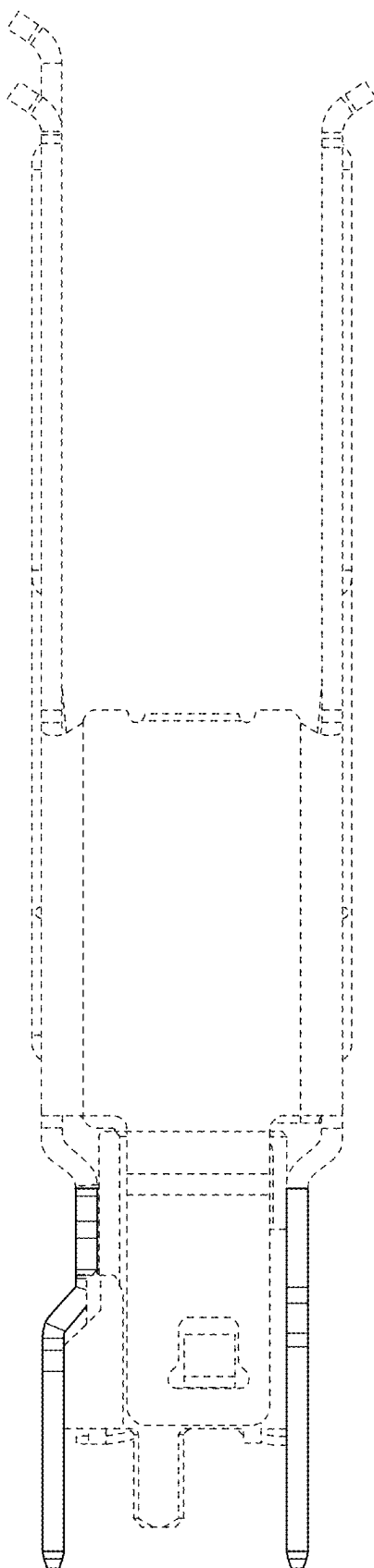


FIG. 4

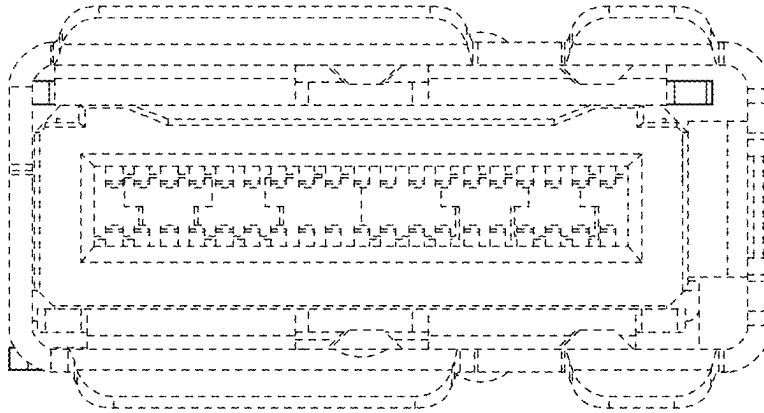


FIG. 5

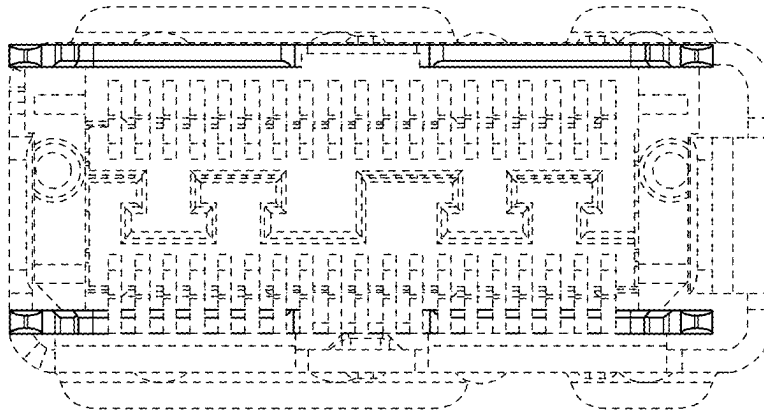


FIG. 6

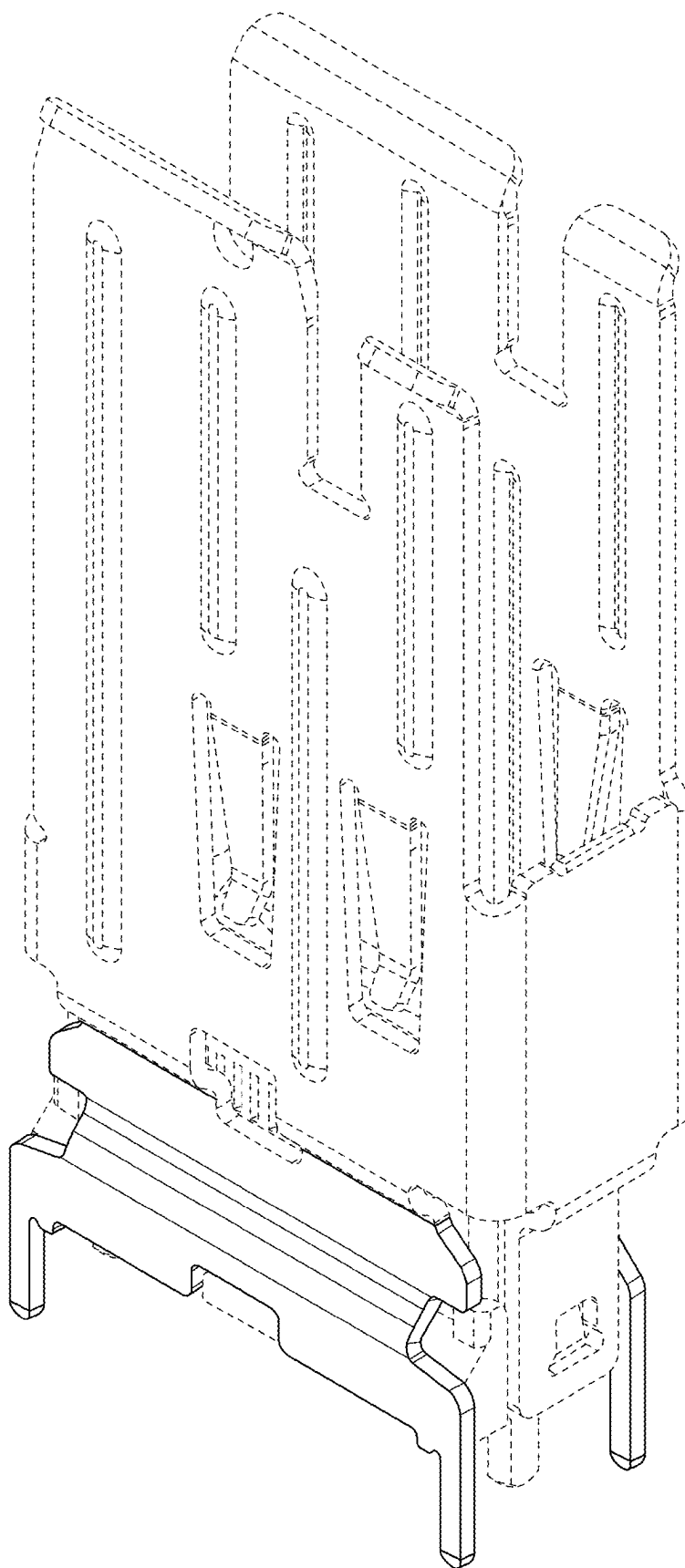


FIG. 7

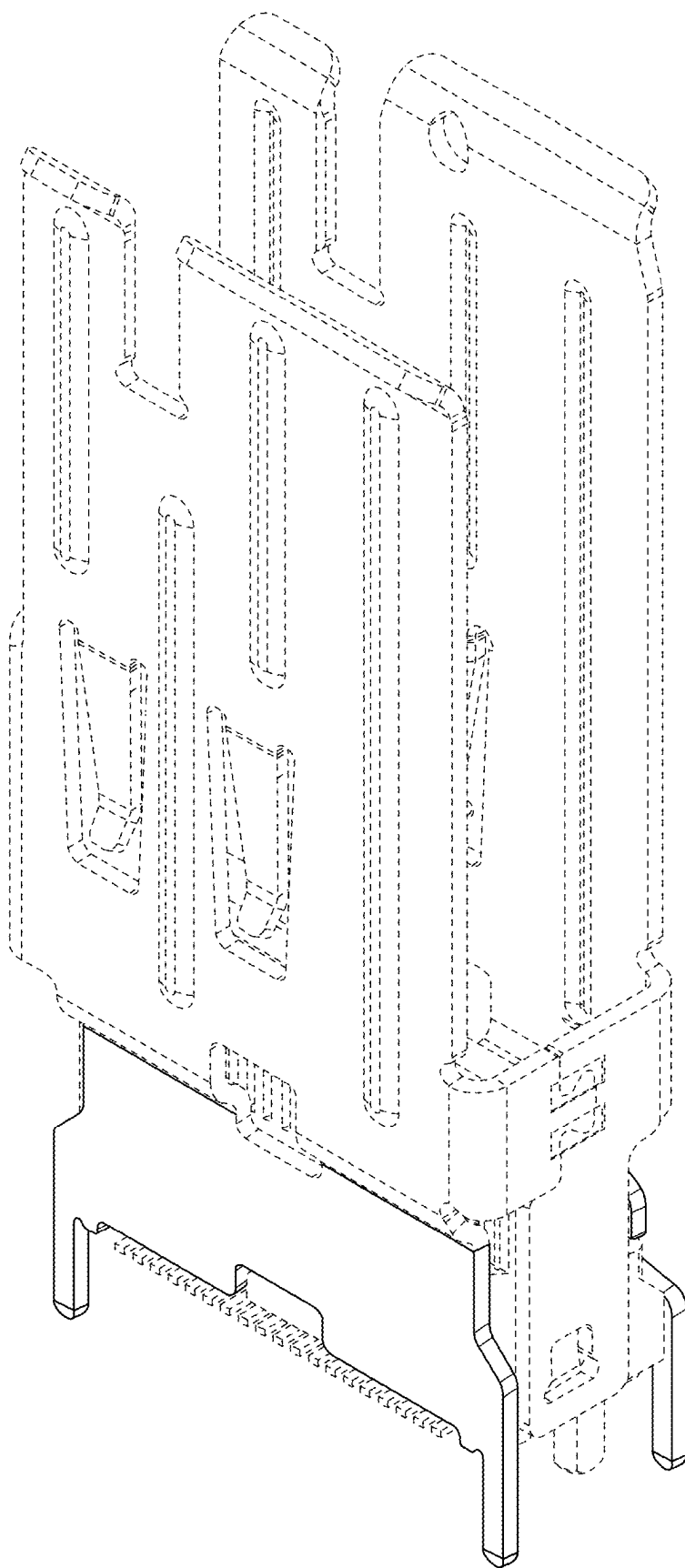


FIG. 8

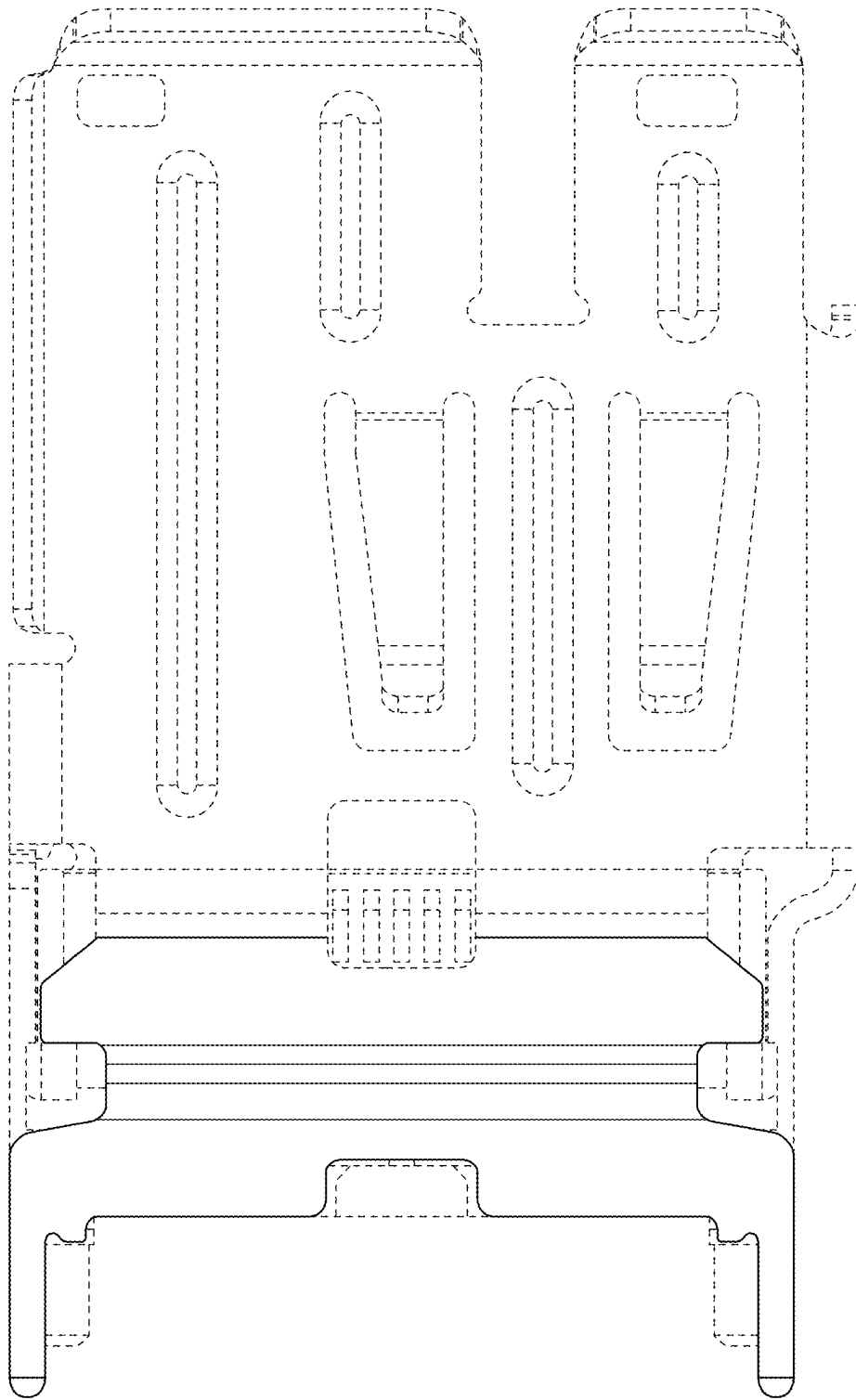


FIG. 9

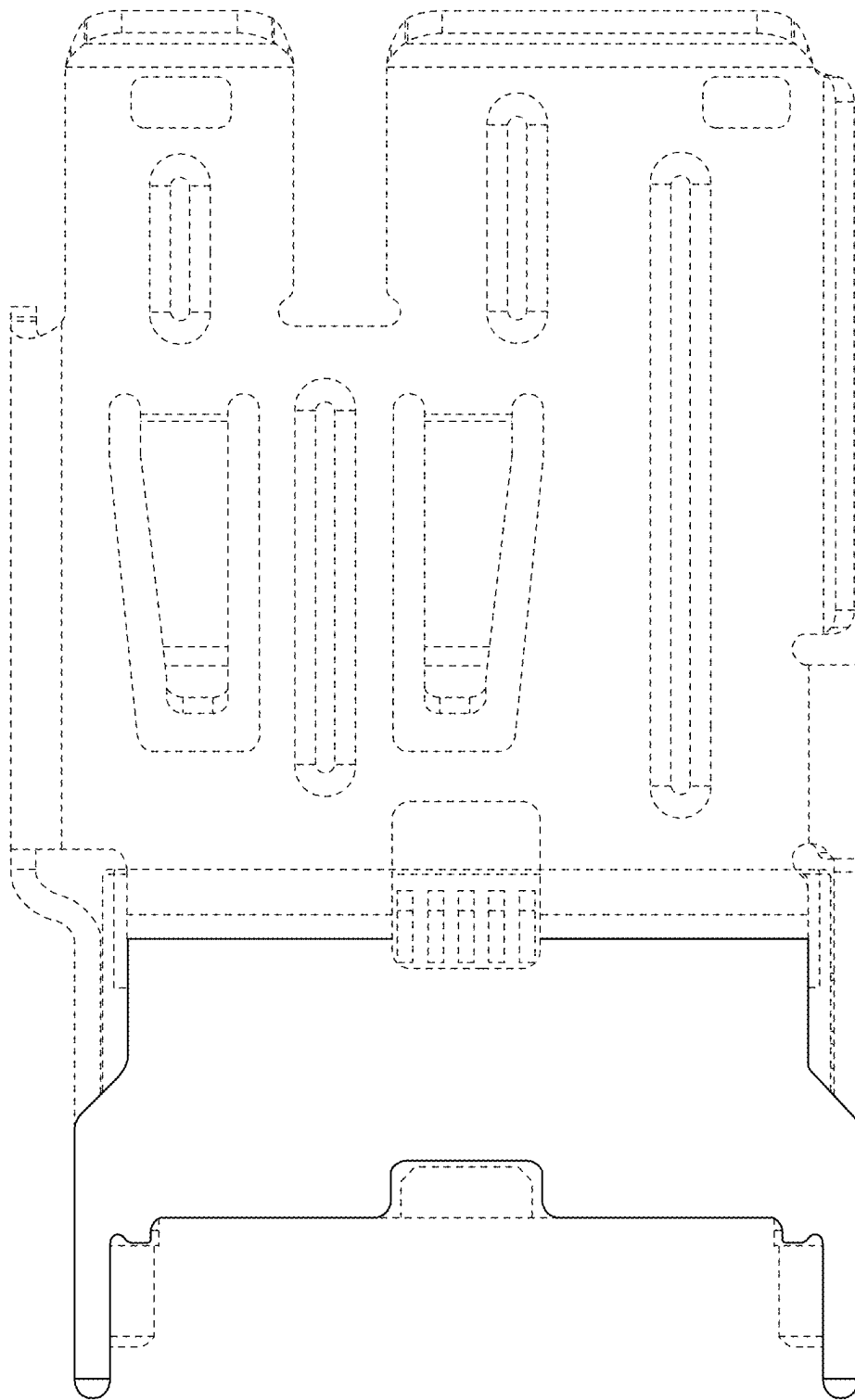


FIG. 10

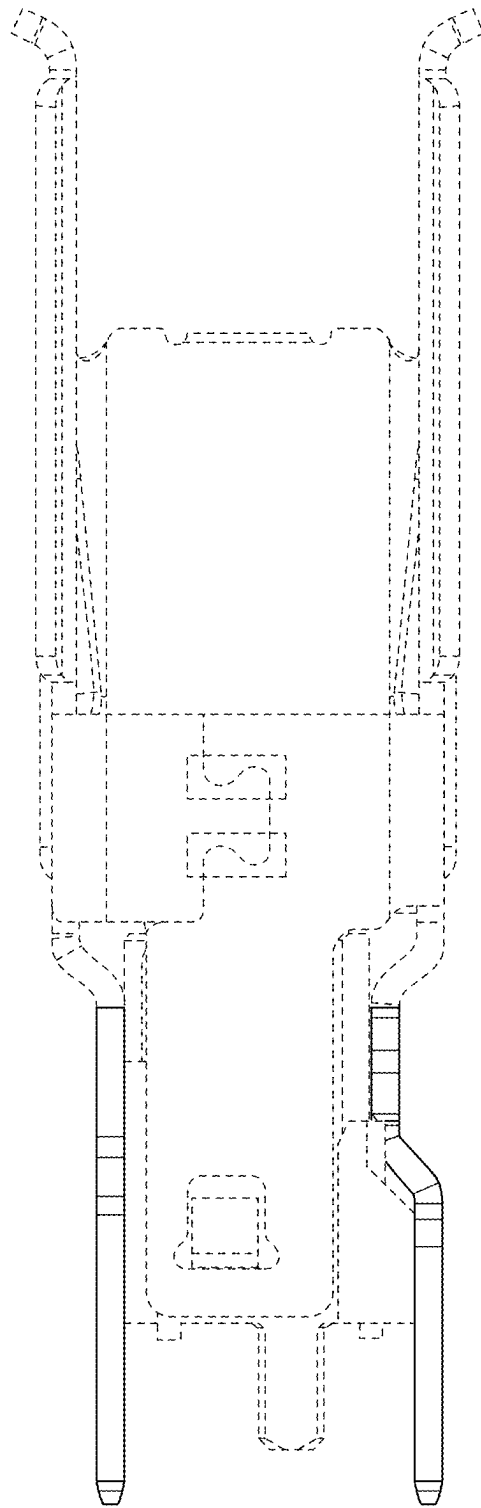


FIG. 11

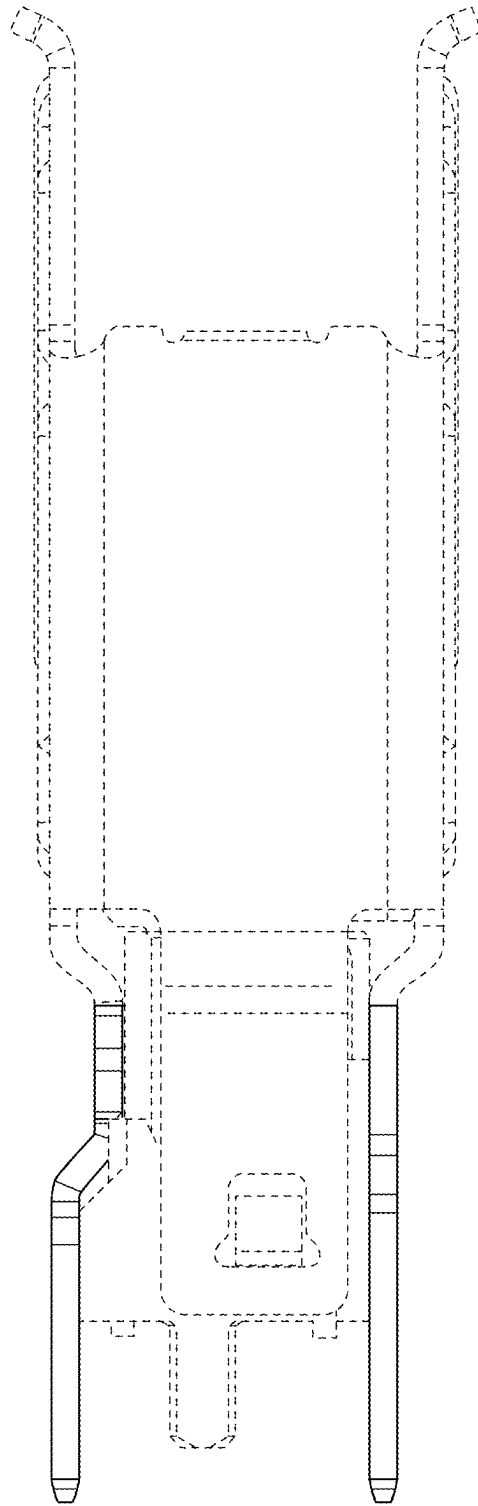


FIG. 12

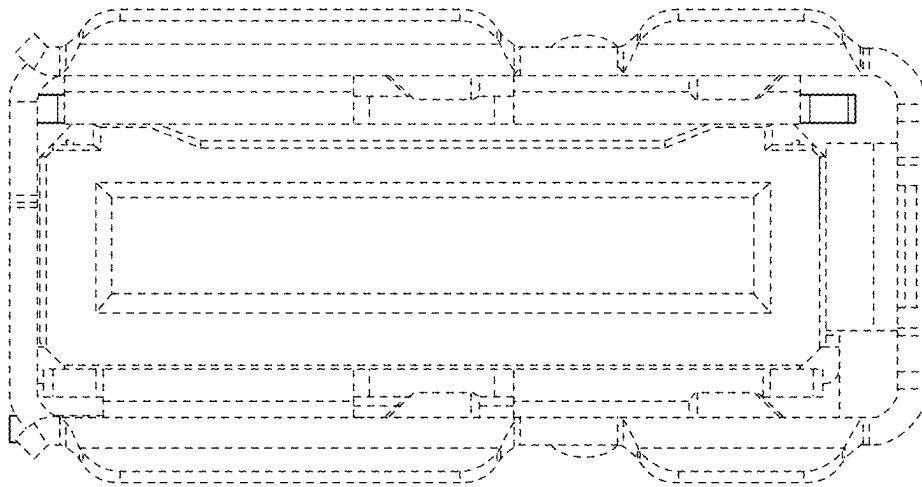


FIG. 13

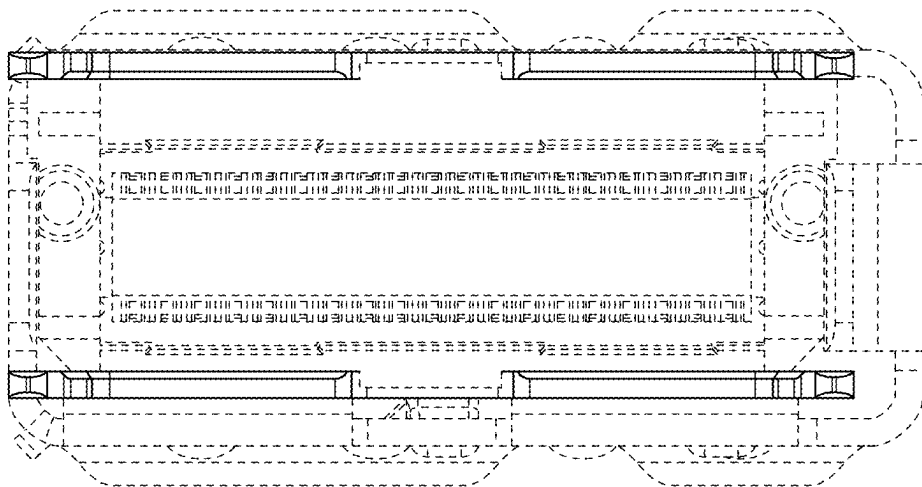


FIG. 14

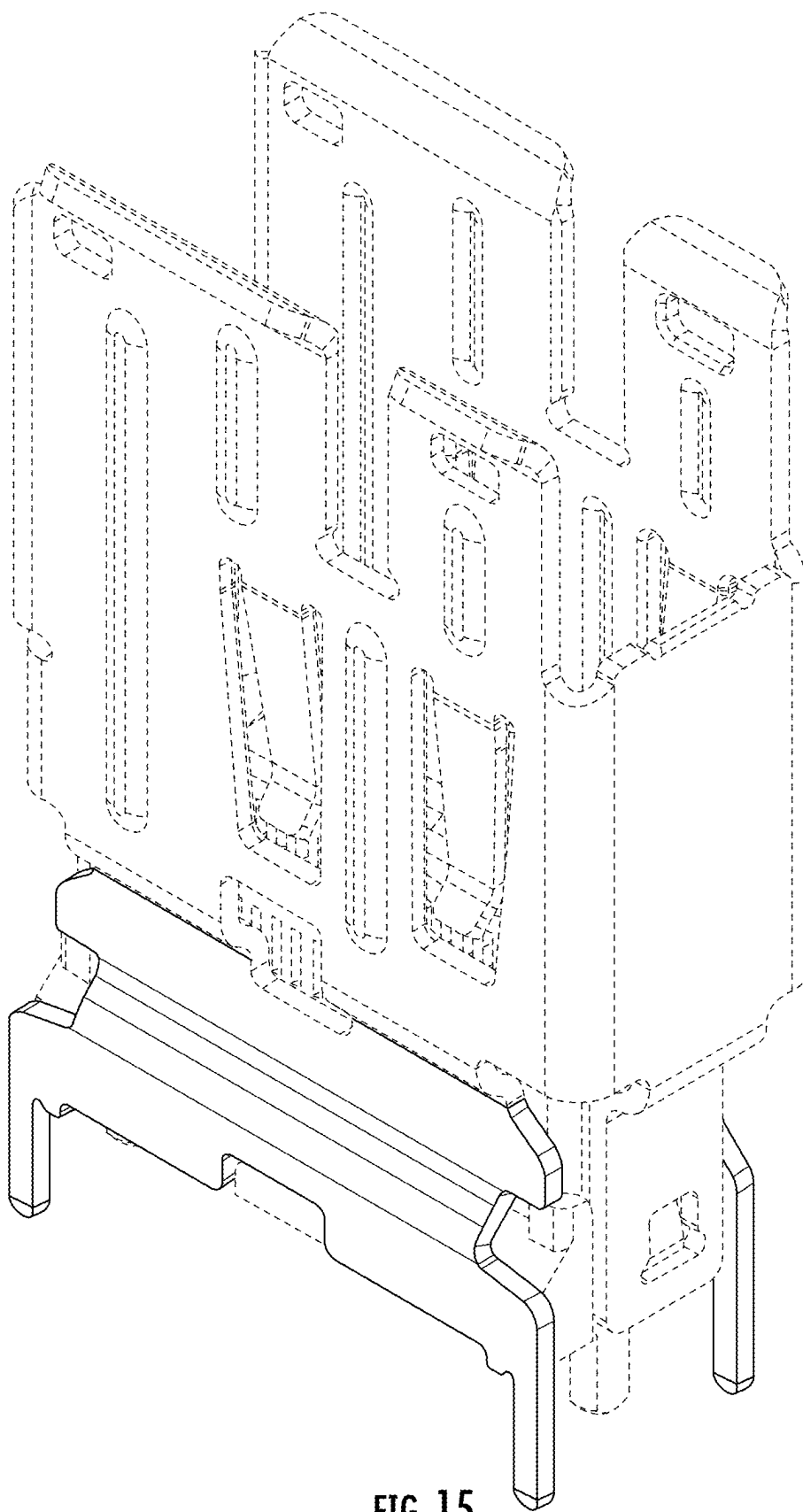


FIG. 15

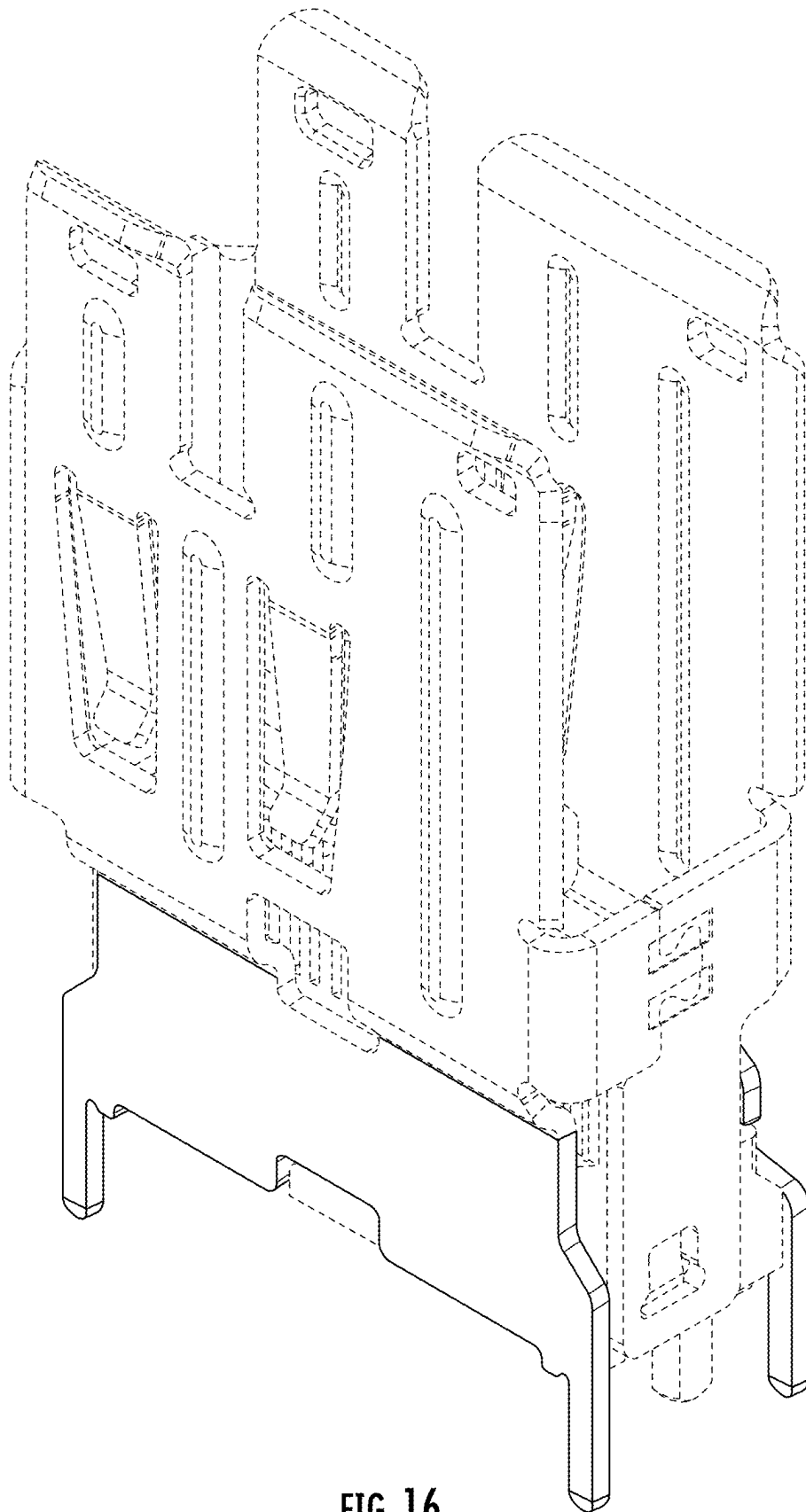


FIG. 16

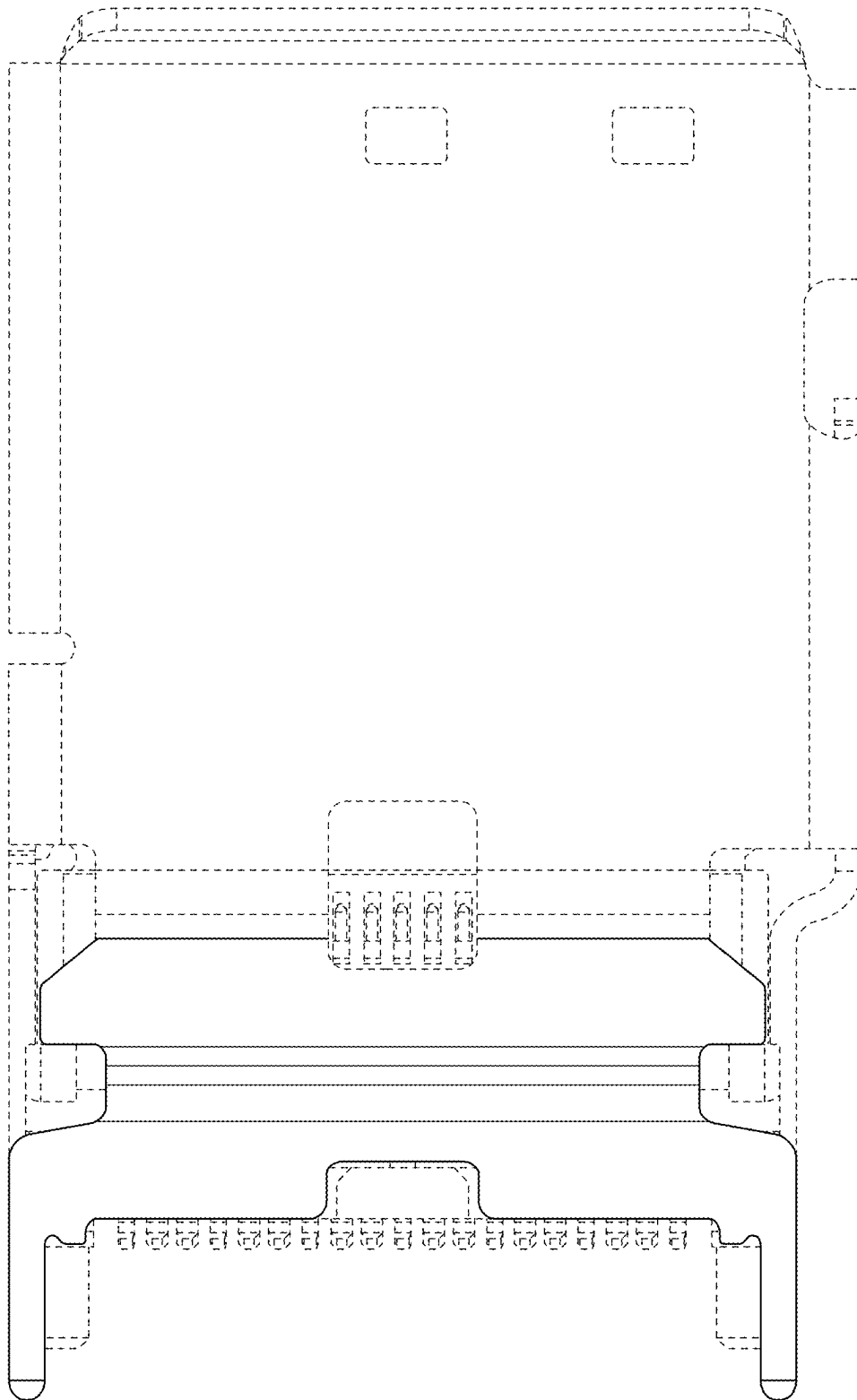


FIG. 17

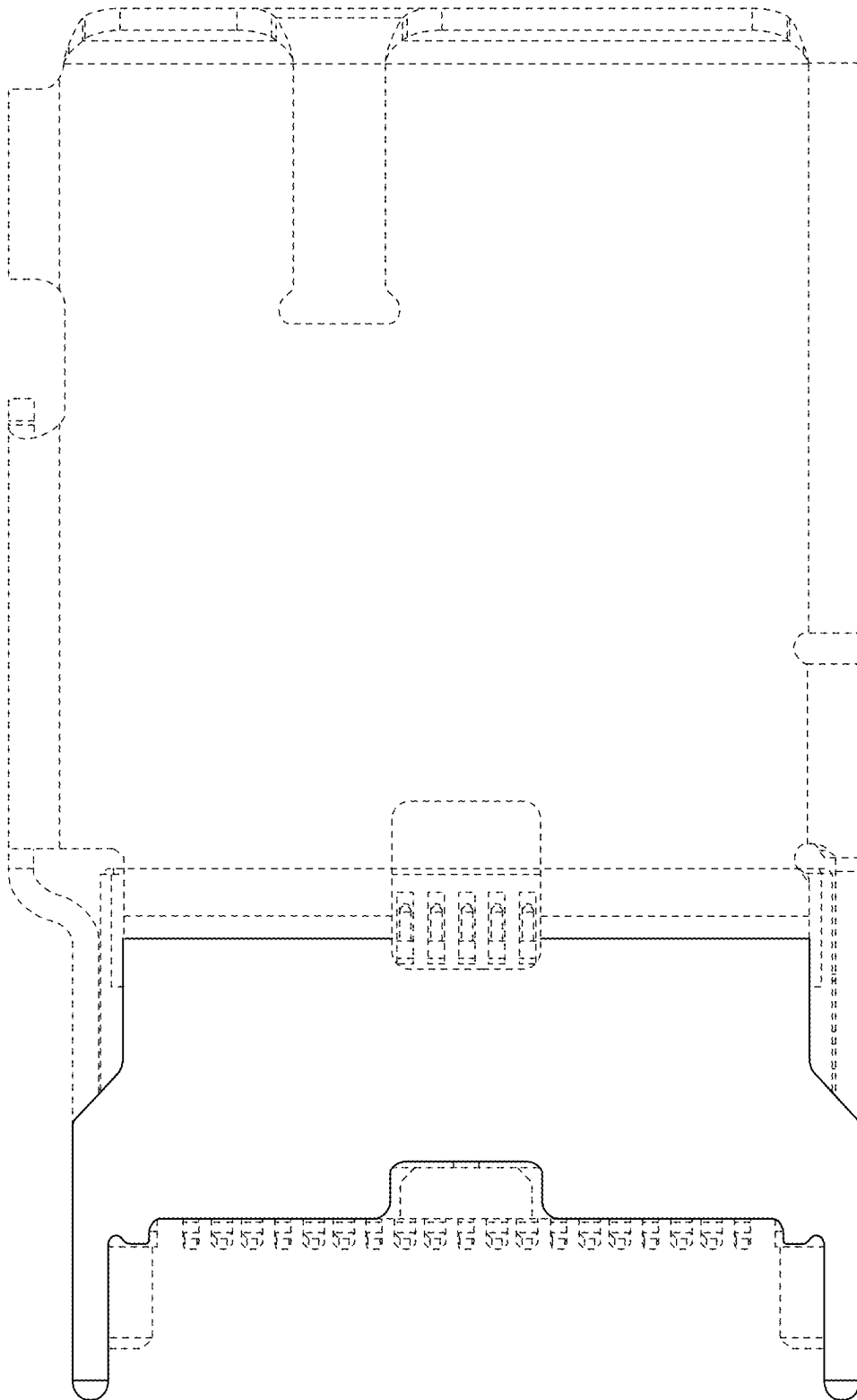


FIG. 18

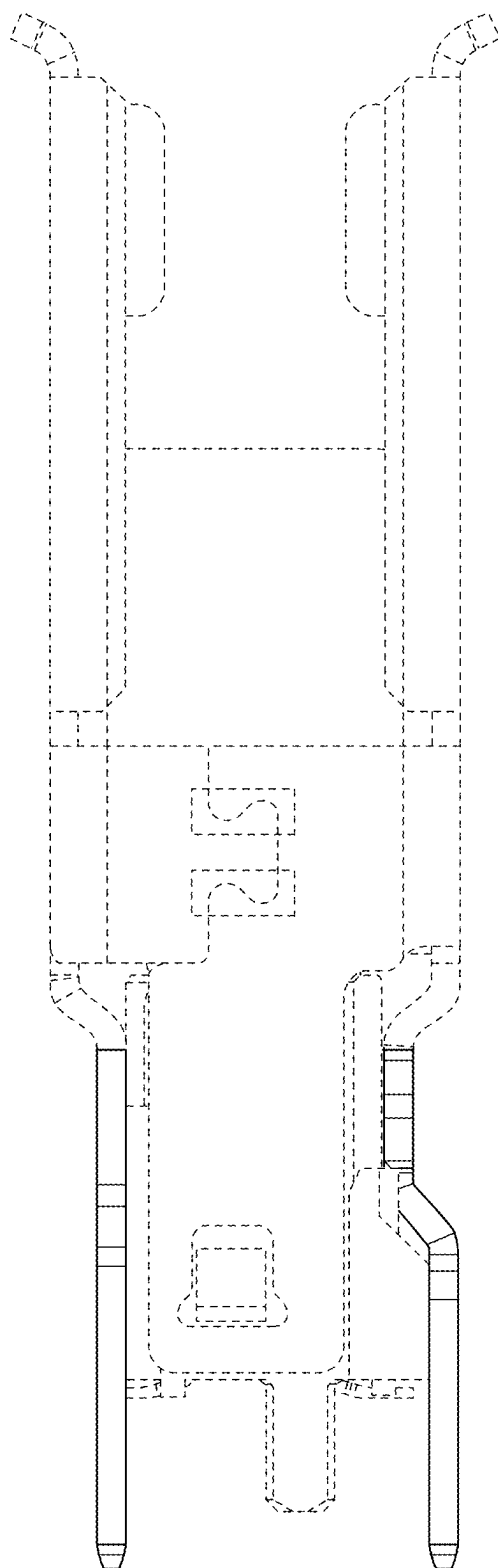


FIG. 19

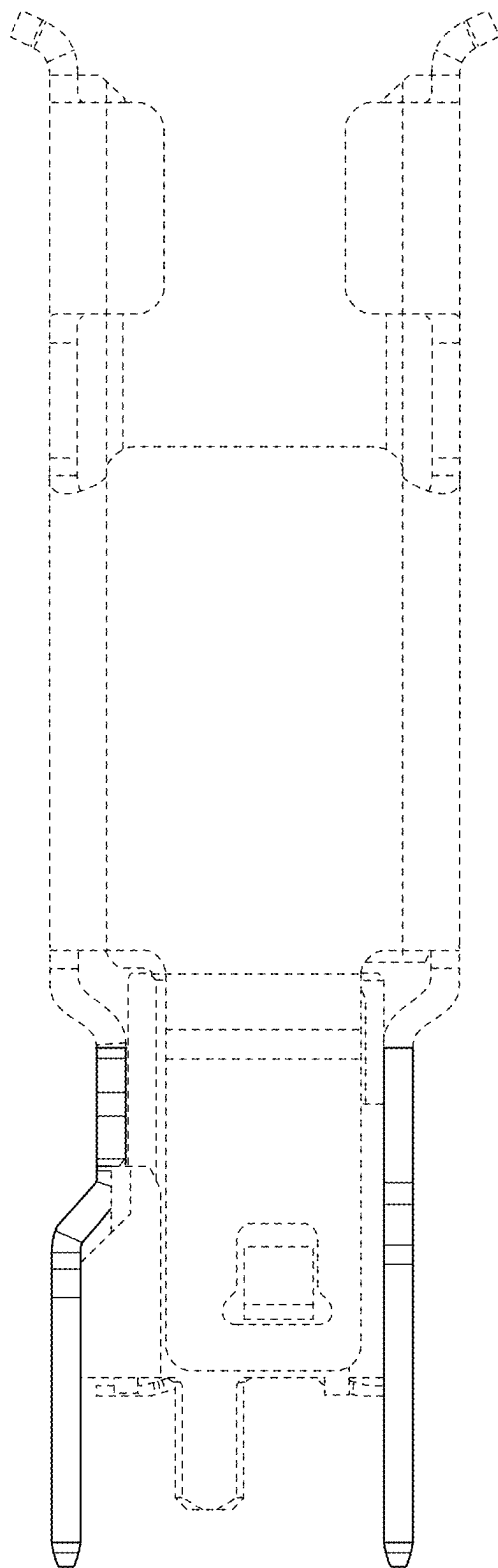


FIG. 20

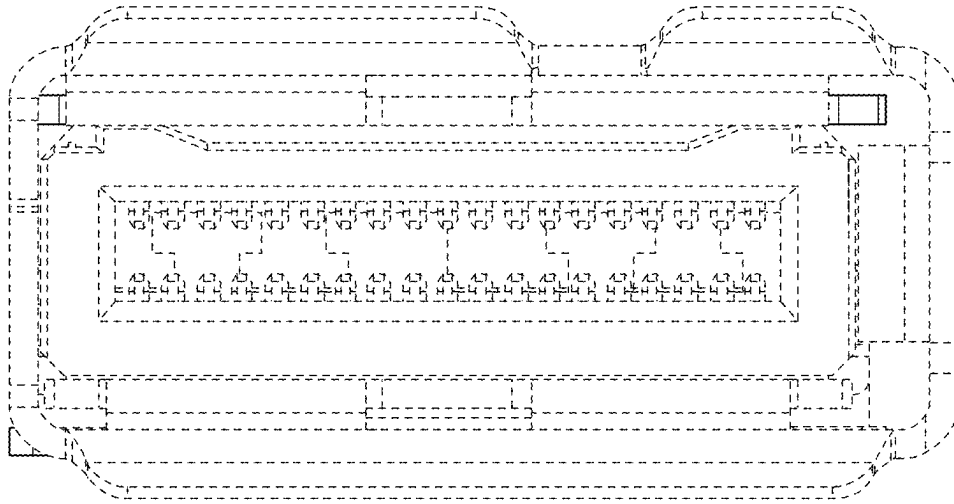


FIG. 21

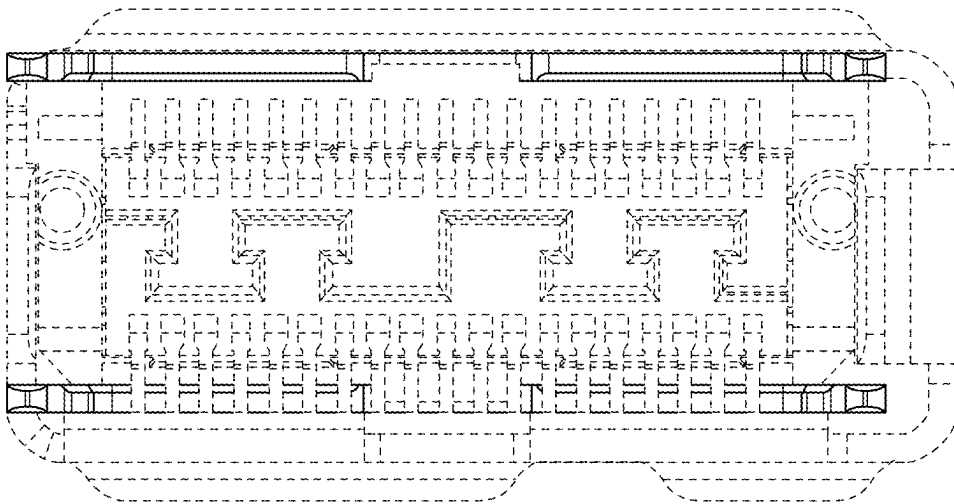


FIG. 22

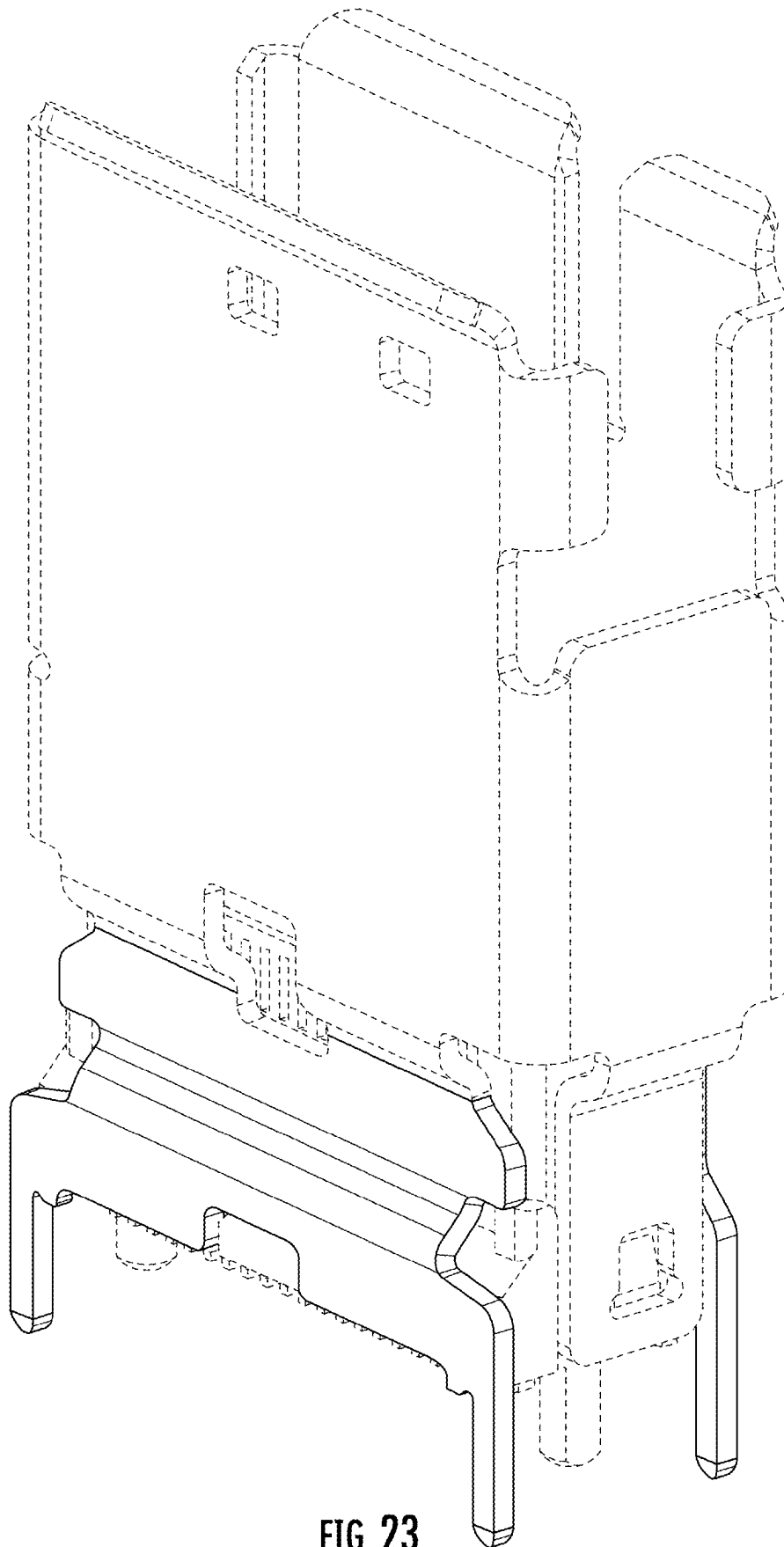


FIG. 23

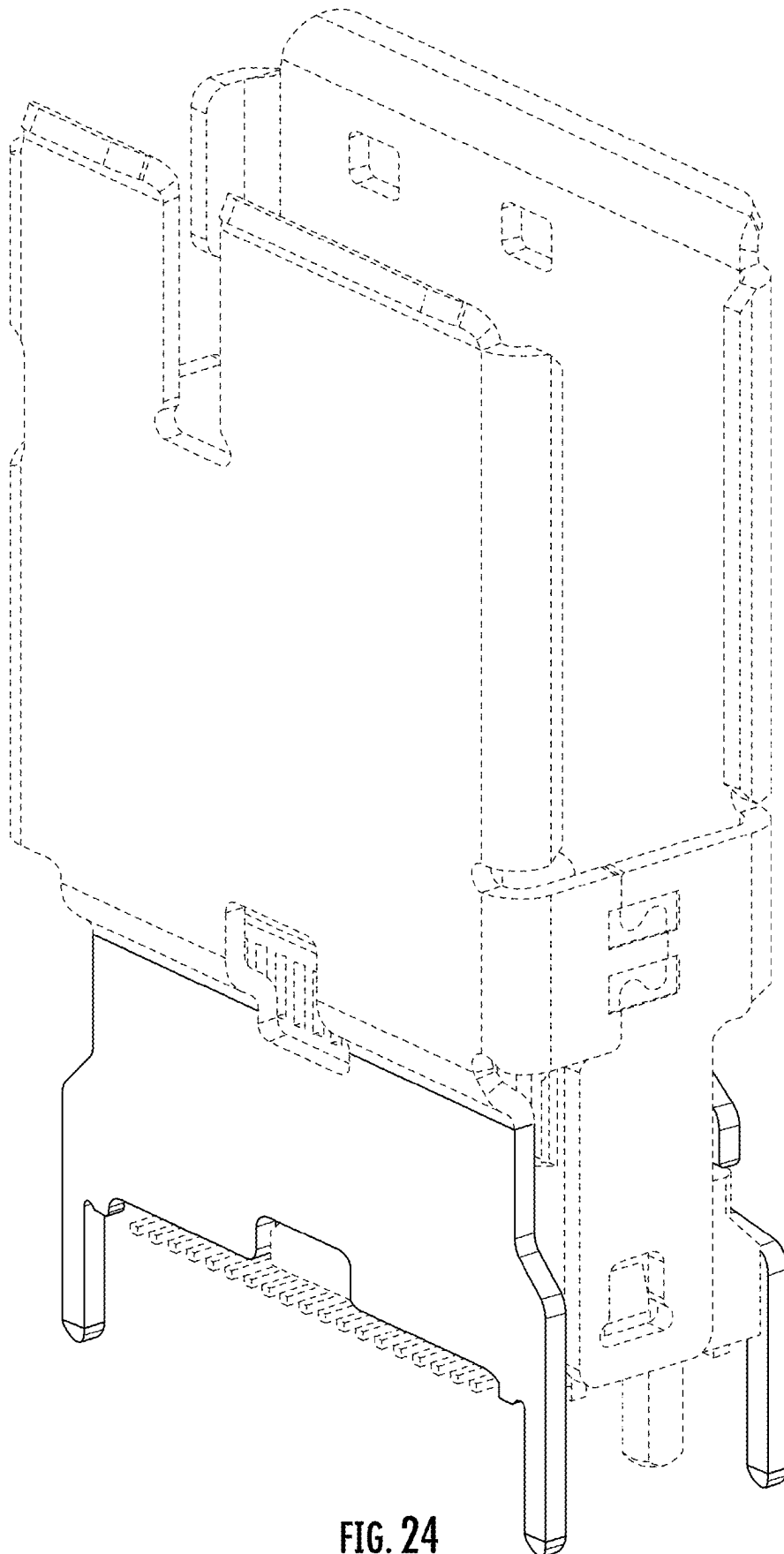


FIG. 24