US00D963589S

(12) United States Design Patent

Seki et al.

(10) Patent No.: US D963,589 S
(45) Date of Patent: ** Sep. 13, 2022

(54) **CONNECTOR**

(71) Applicant: **Japan Aviation Electronics Industry, Limited**, Tokyo (JP)

(72) Inventors: **Satoshi Seki**, Tokyo (JP); **Takahiro Yamaji**, Tokyo (JP)

(73) Assignee: **JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED**, Tokyo (JP)

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

(21) Appl. No.: **29/747,342**

(22) Filed: **Aug. 21, 2020**

(30) **Foreign Application Priority Data**

Mar. 2, 2020 (JP) ..... 2020-004045 D

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

(52) **U.S. Cl.**
USPC **D13/147**; D13/133; D14/433

(58) **Field of Classification Search**
USPC D8/105; D10/85; D13/108, 117, 133, D13/137.4, 139.4, 139.7, 146–147, D13/153–154, 160; D14/240, 433, 435.1, D14/480.1; D27/194
CPC H05K 1/18; H01R 24/20; H01R 24/60; H01R 13/11; H01R 13/405; H01R 13/6581; H01R 13/6596; H01R 43/24; H02J 7/00; H02J 7/0042; H02J 7/0045
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D519,929 S * 5/2006 Huang D13/147
D531,579 S * 11/2006 Peng D13/147
D589,888 S * 4/2009 Wu D13/147
D671,075 S * 11/2012 Yang D13/147
D714,226 S * 9/2014 Chang D13/147
9,948,016 B2 * 4/2018 Chen H01R 13/11
D833,444 S * 11/2018 Chan D14/433
D864,876 S * 10/2019 Sakaizawa D13/147
D867,302 S * 11/2019 Zhu D13/147
D887,990 S * 6/2020 Wang D13/153
D934,253 S * 10/2021 Lee D14/433
(Continued)

OTHER PUBLICATIONS

Poyiccot, Date: Apr. 23, 2019, [online], [site visited Jan. 26, 2022]. Available from internet, URL: https://www.amazon.com/Poyicott-Angled-Degree-Type-C-Charging/dp/B07QXQ921J?th=1 (Year: 2019).*

Primary Examiner — Shawn T Gingrich
Assistant Examiner — Bryan N. Melvin
(74) *Attorney, Agent, or Firm* — Manabu Kanesaka

(57) **CLAIM**

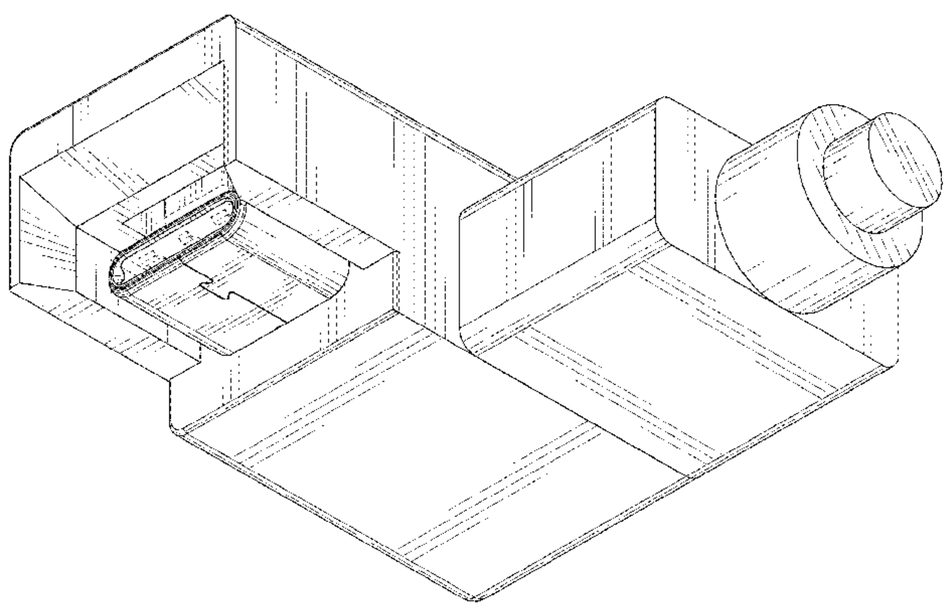
The ornamental design for a connector, as shown and described.

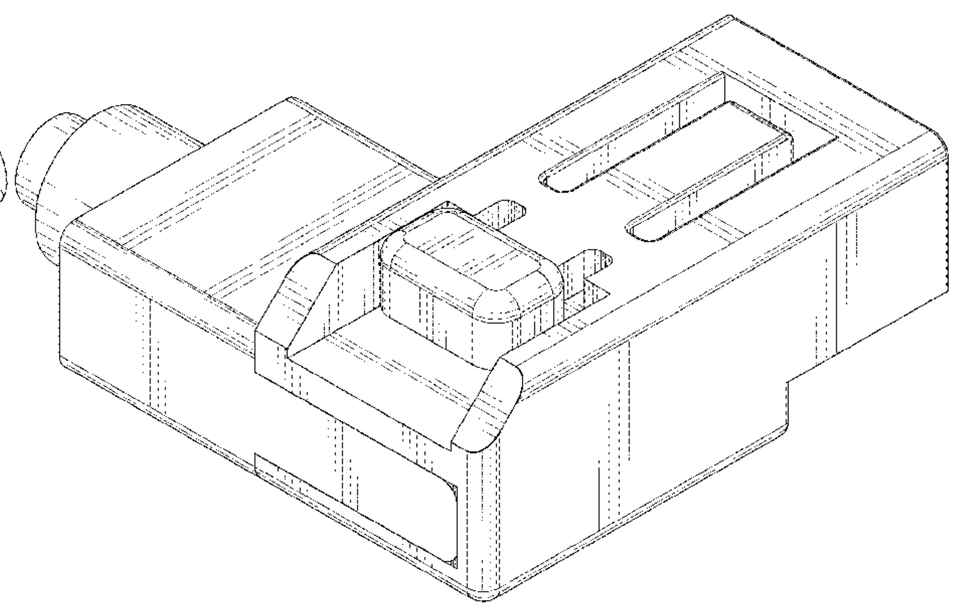
DESCRIPTION

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

The broken line showing of the connector is for the purpose of illustrating portions of the article and forms no part of the claimed design.

1 Claim, 5 Drawing Sheets





(56) **References Cited**

U.S. PATENT DOCUMENTS

2016/0336698	A1*	11/2016	Chang	H05K 1/18
2017/0194803	A1*	7/2017	Card	H01R 24/60

* cited by examiner

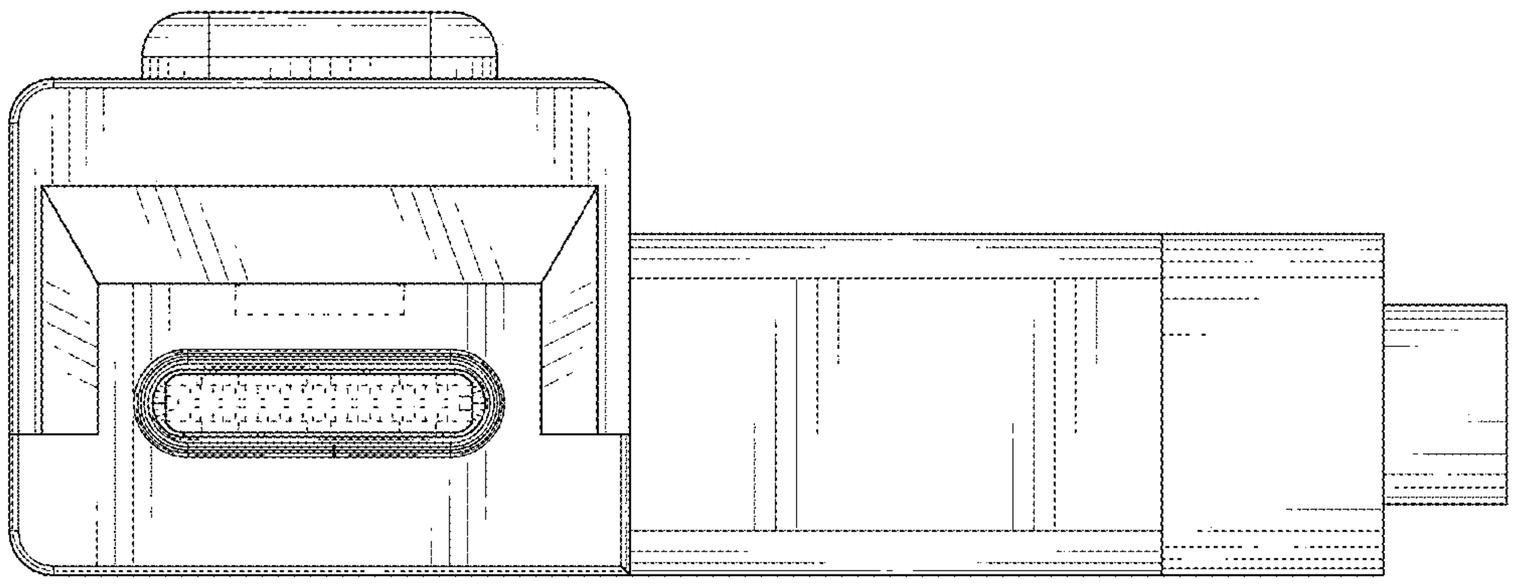


FIG. 1

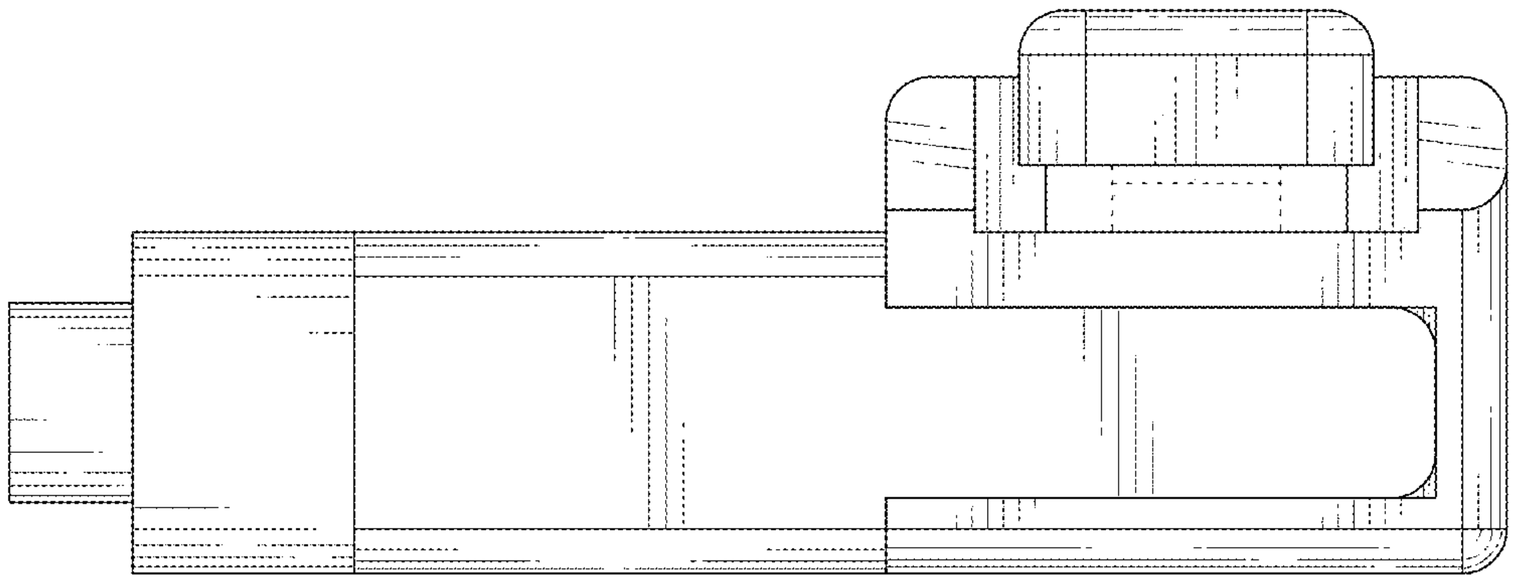


FIG. 2

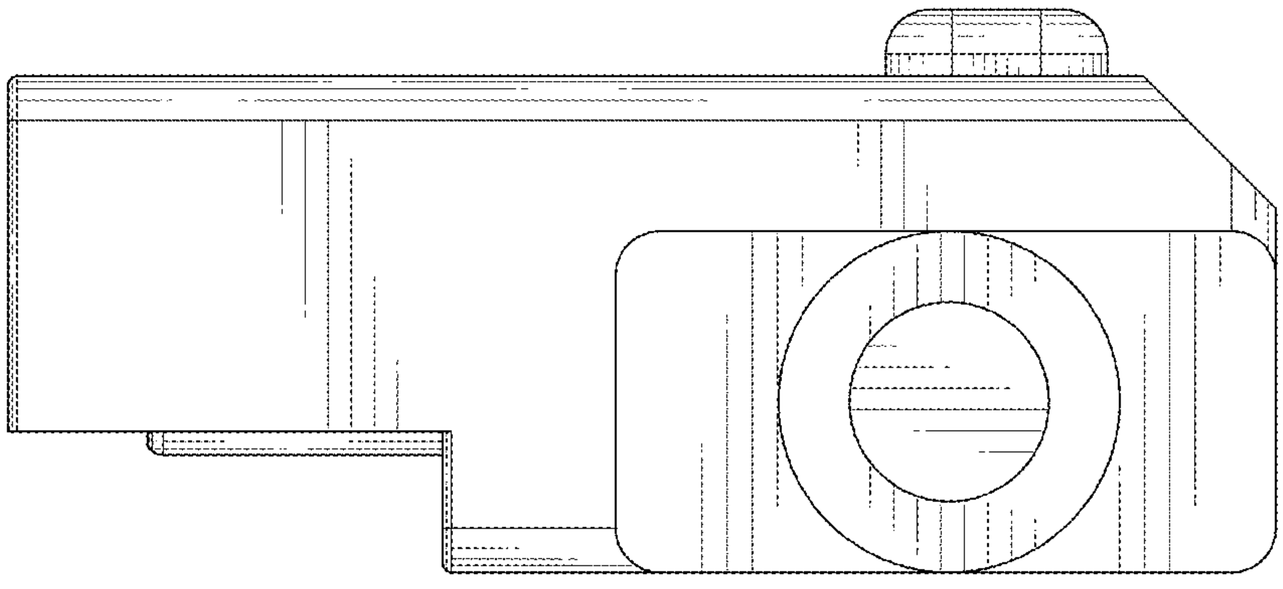


FIG. 3

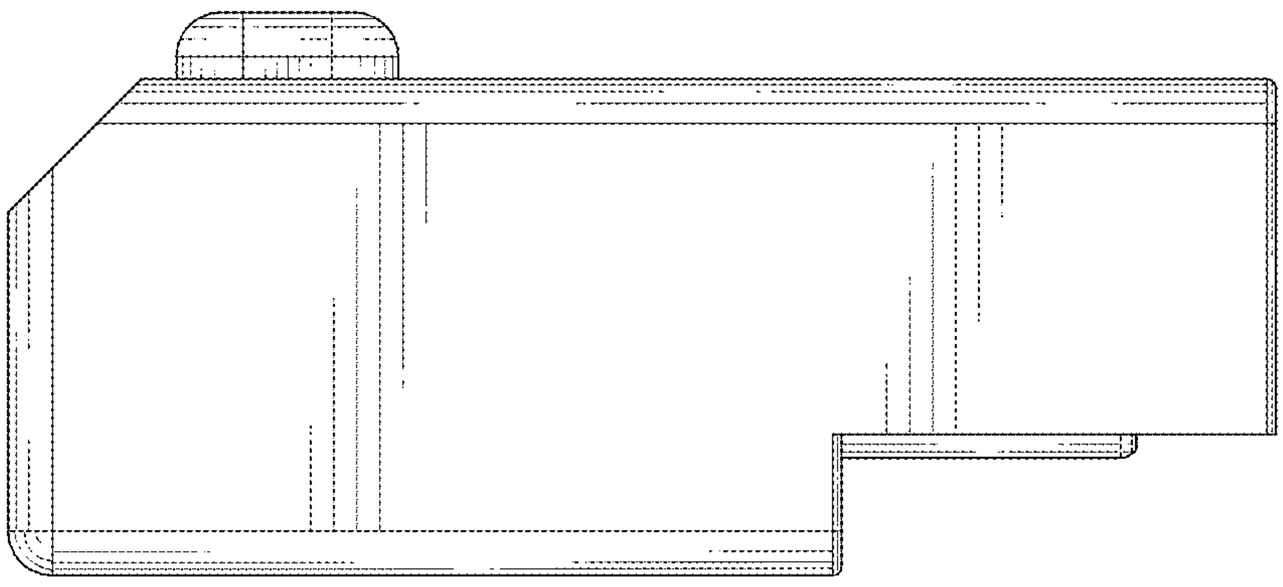


FIG. 4

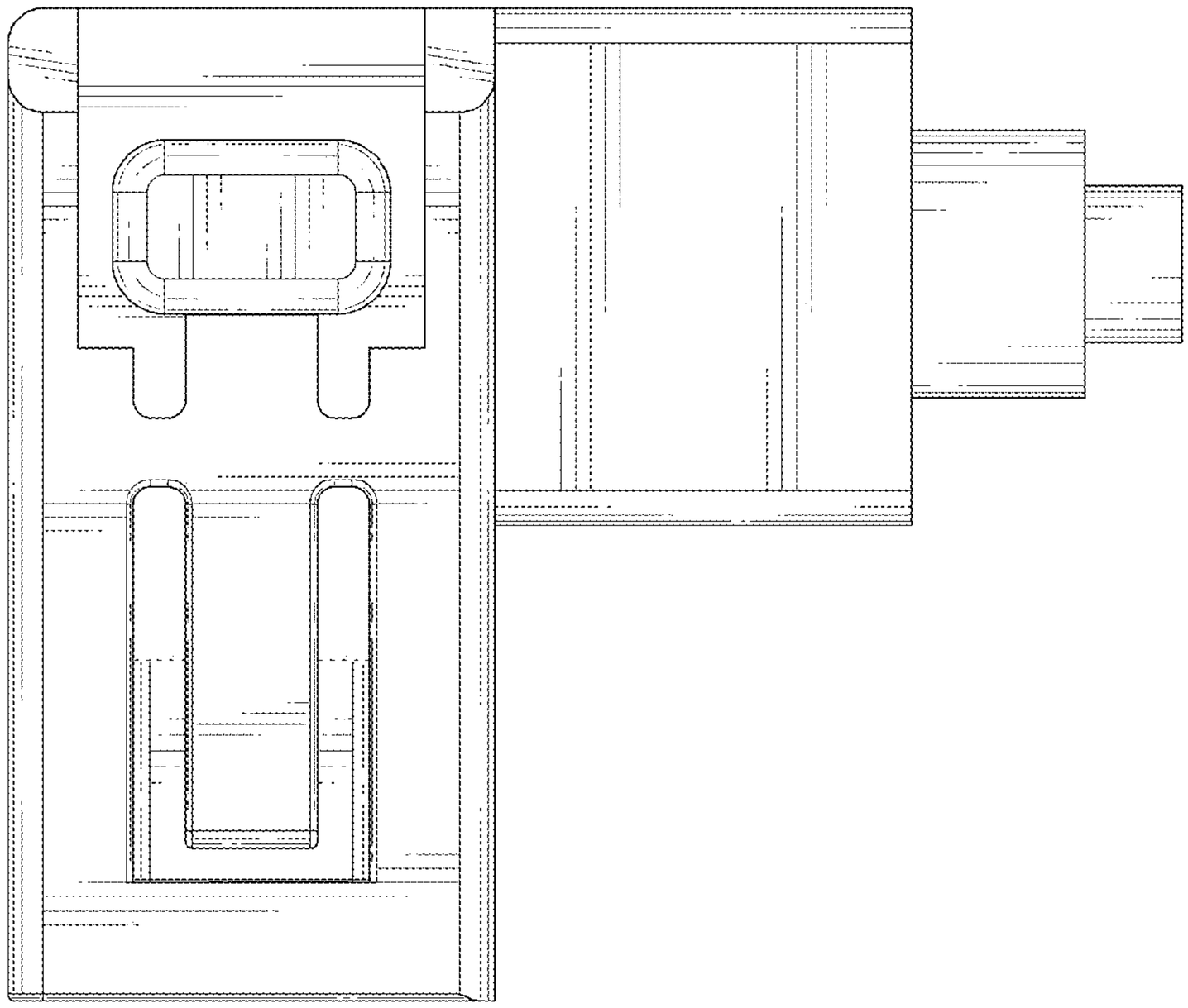


FIG. 5

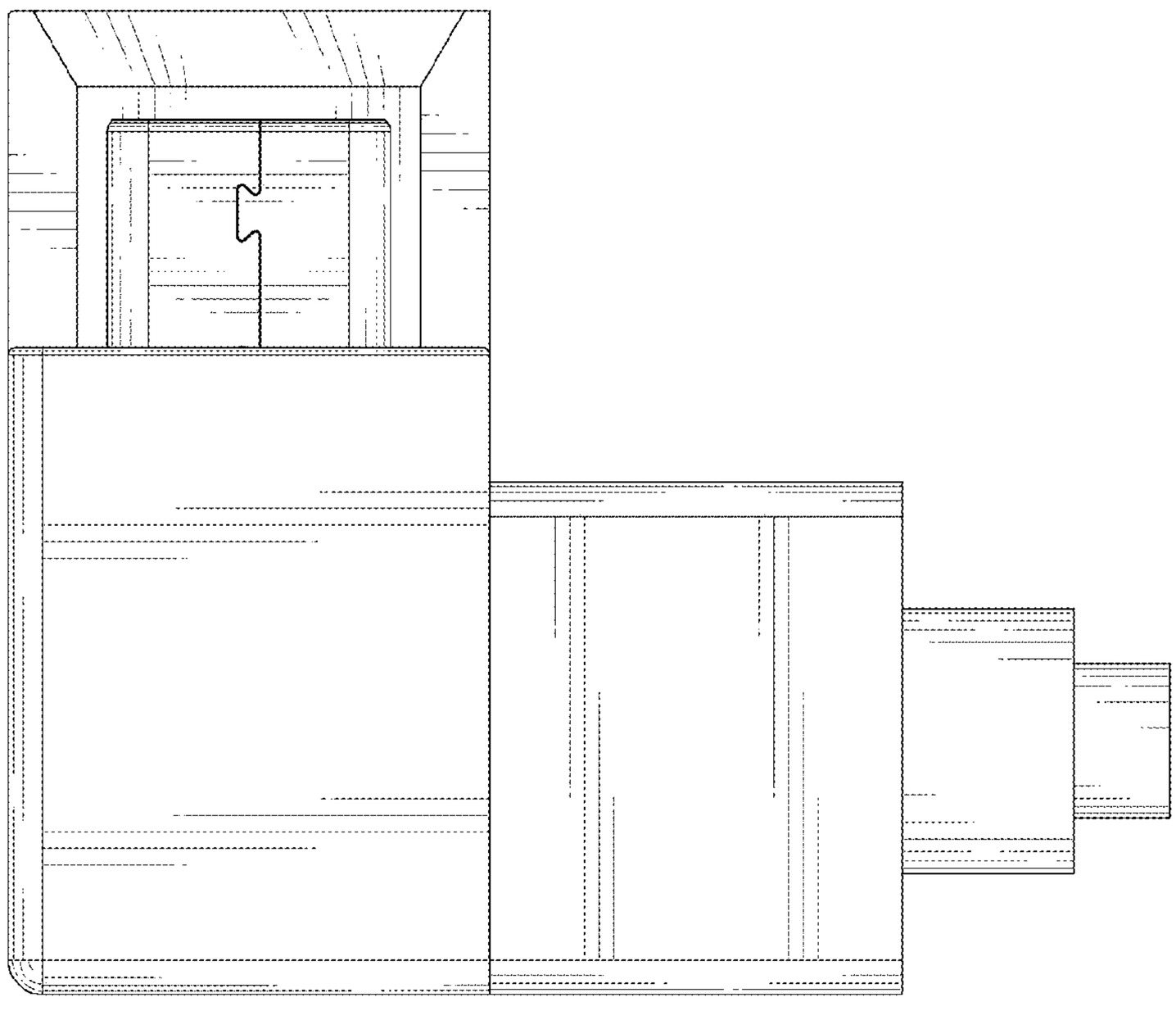


FIG. 6

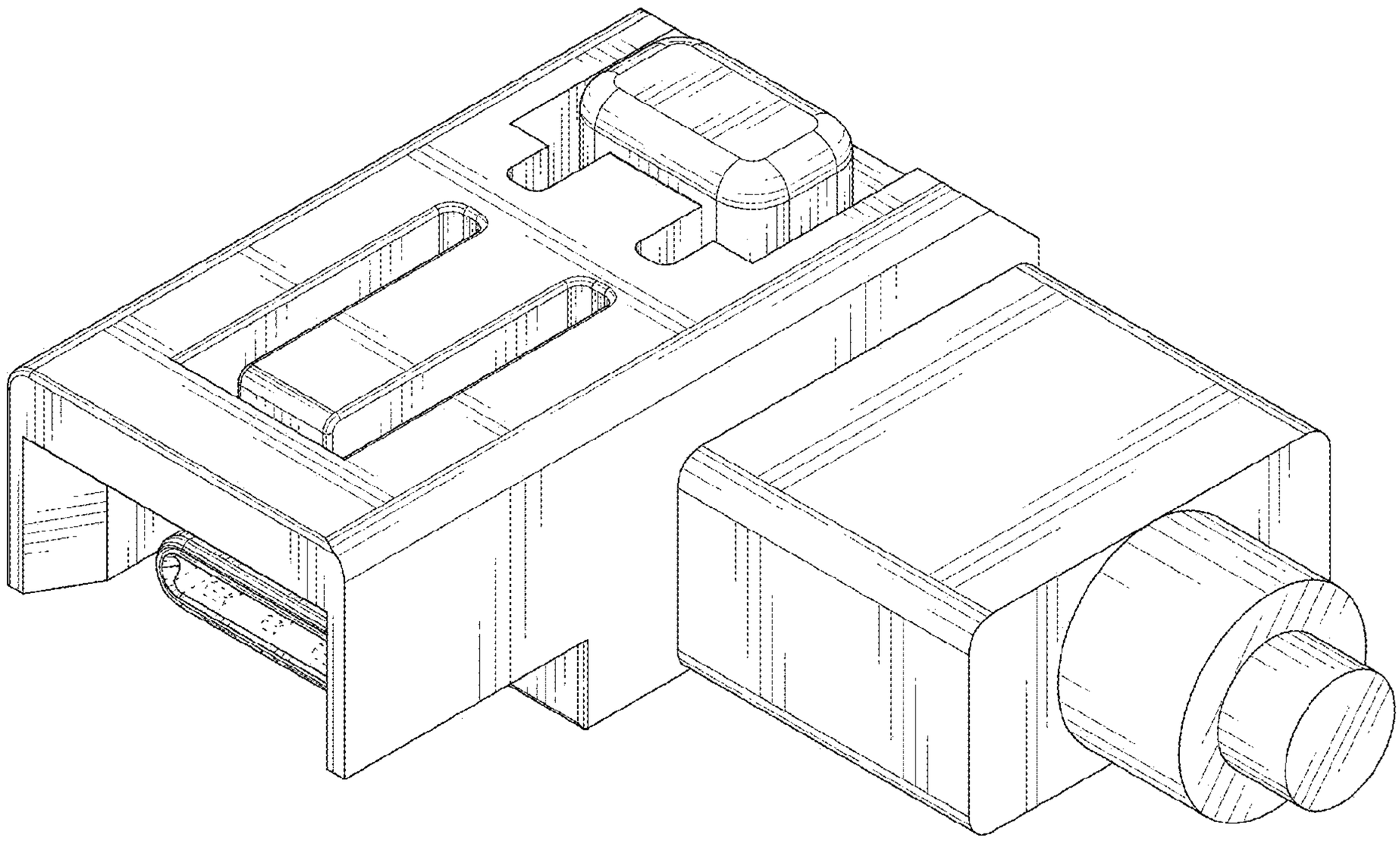


FIG. 7

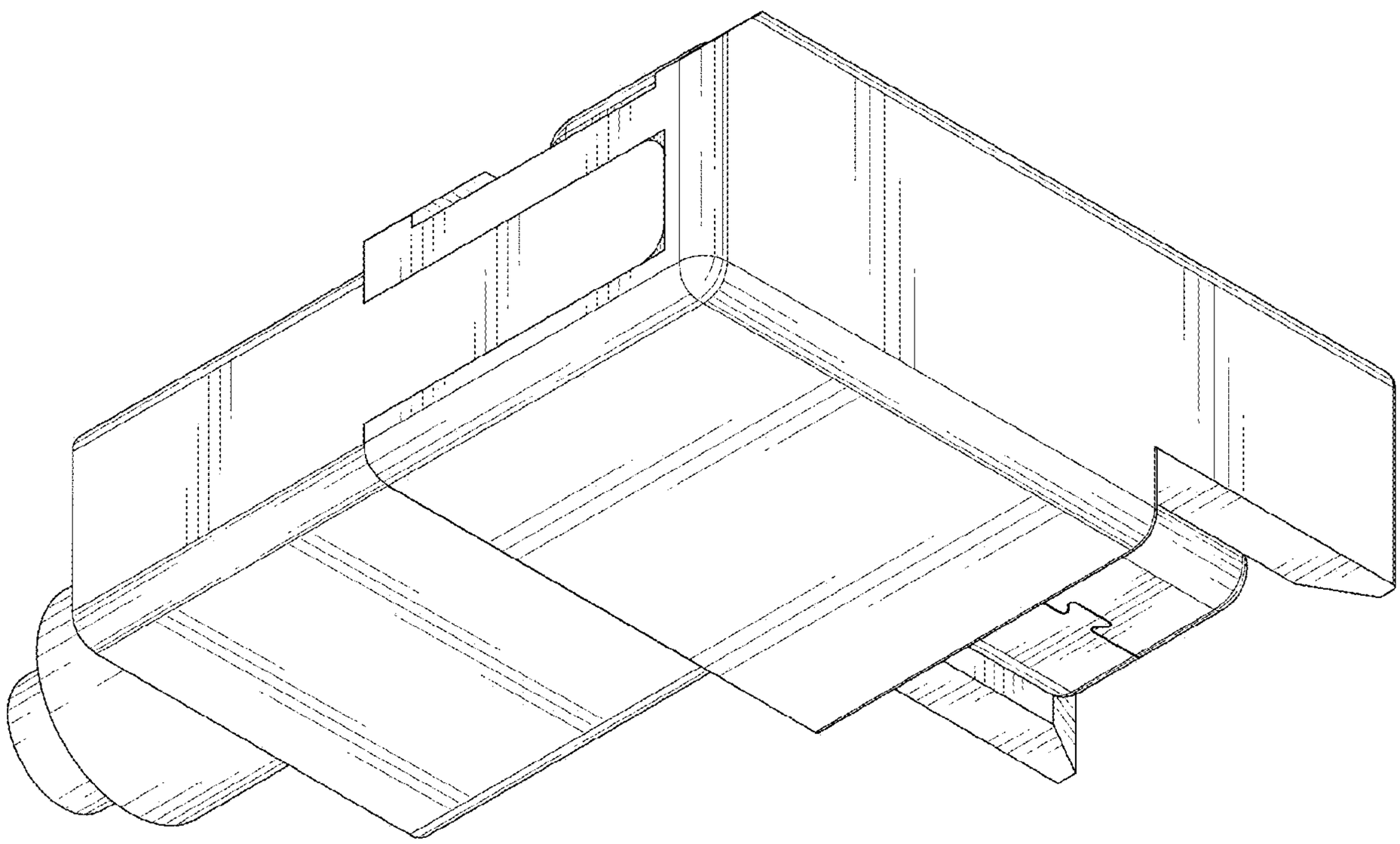


FIG. 8

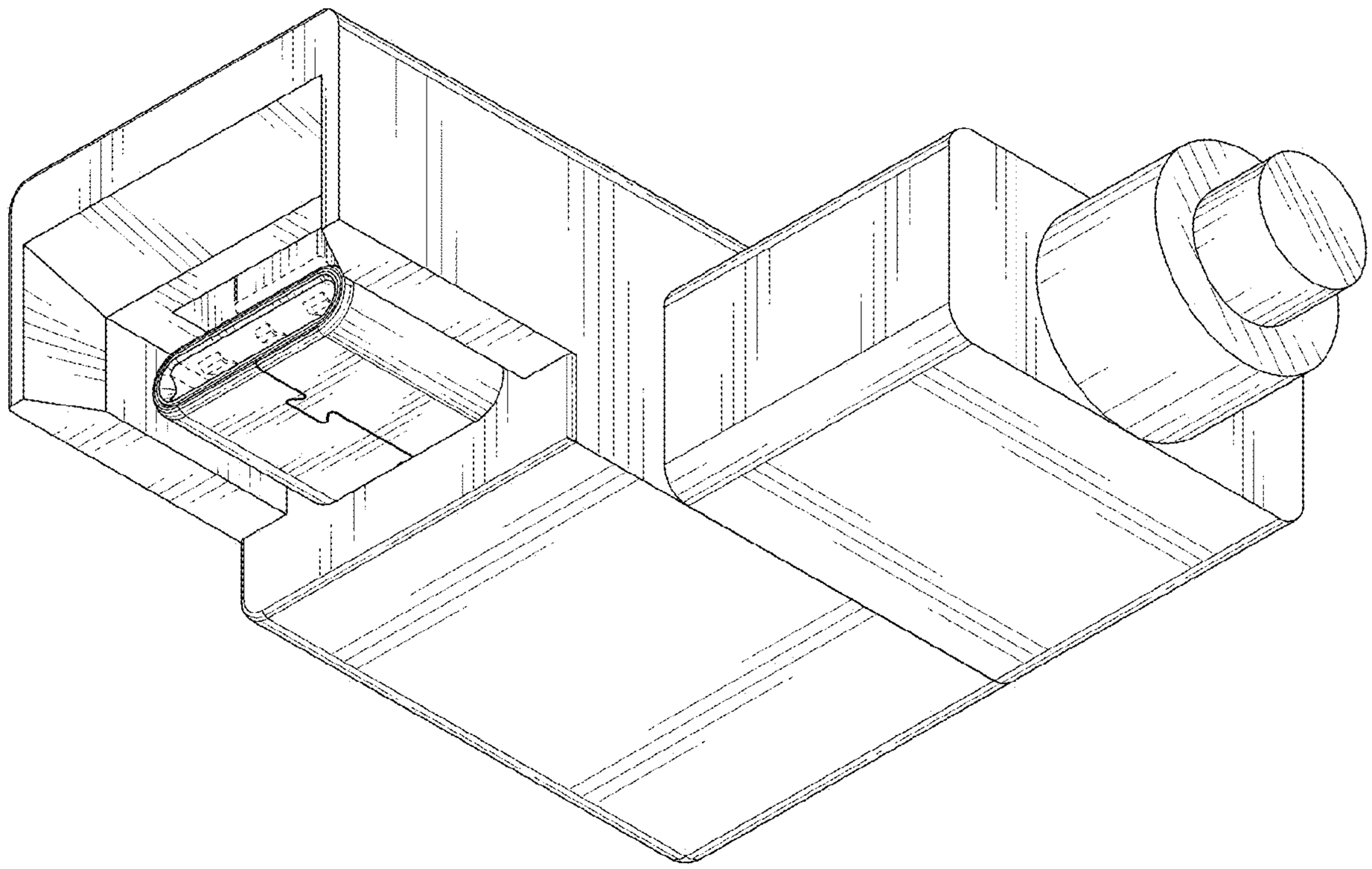


FIG. 9

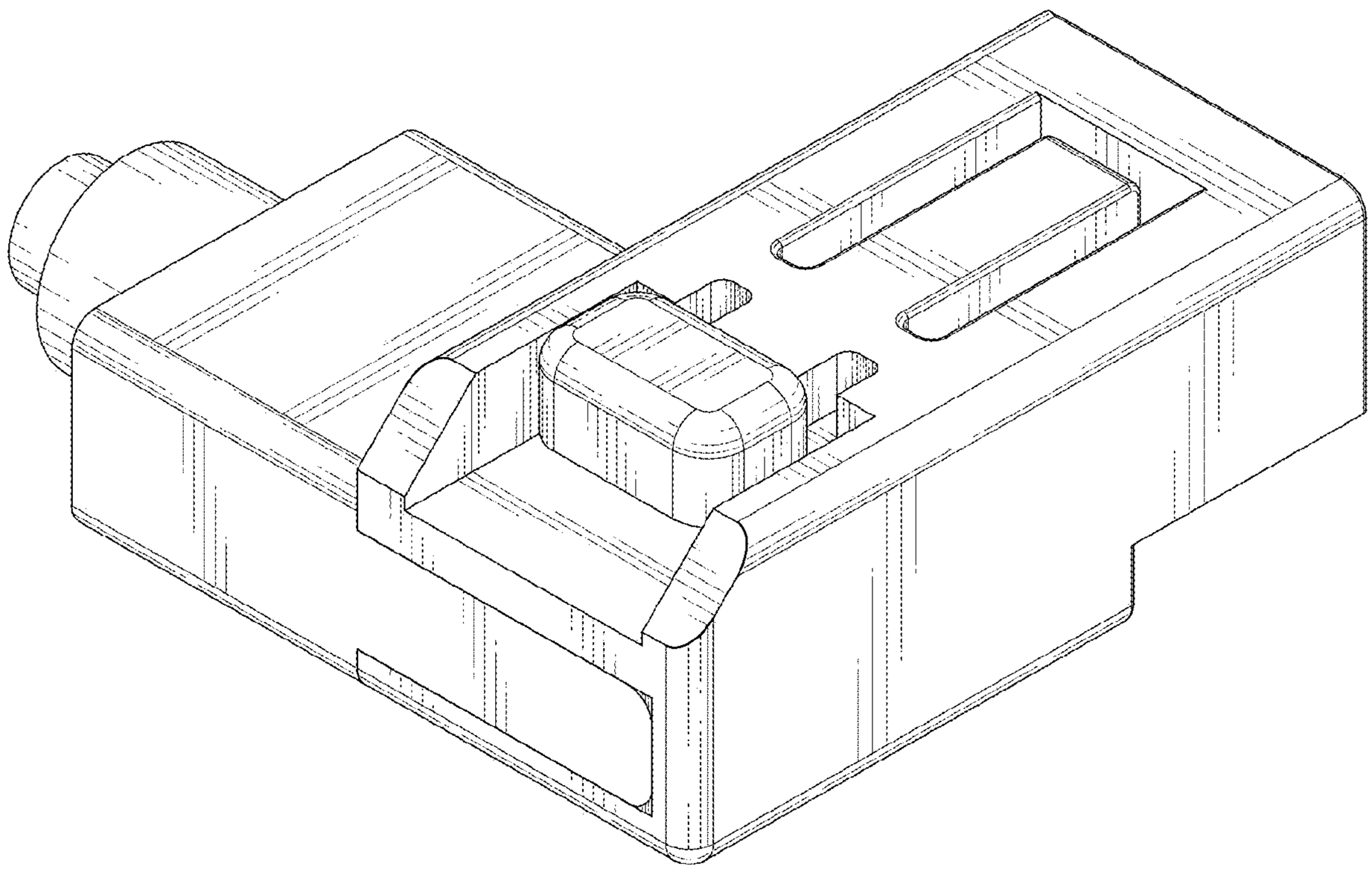


FIG. 10