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(12) **United States Design Patent**
Ochi et al.

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(54) **ELECTRIC CONNECTOR**

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

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(30) **Foreign Application Priority Data**

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

(52) **U.S. Cl.**
USPC **D13/133**

(58) **Field of Classification Search**
USPC D13/123, 133, 146, 147, 154, 173, 184,
D13/199

CPC H01R 9/05; H01R 11/20; H01R 12/00;
H01R 13/52; H01R 13/62; H01R 13/627;
H01R 13/64; H01R 13/648; H01R 29/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D275,748 S *	10/1984	Humphreys	.....	D13/146
D287,239 S *	12/1986	Komatsu	.....	D13/133
D312,613 S *	12/1990	Shichida	.....	D13/133
D456,355 S *	4/2002	Togashi	.....	D13/133
6,471,546 B1 *	10/2002	Zhu	.....	H01R 12/707 439/607.4
D495,998 S *	9/2004	Shimaya	.....	D13/147
D497,877 S *	11/2004	Sato	.....	D13/133
D689,021 S *	9/2013	Wang	.....	D13/133
D845,241 S *	4/2019	Yang	.....	D13/133

D850,383 S *	6/2019	Kunieda	.....	D13/133
2002/0094715 A1 *	7/2002	Pepe	.....	H01R 4/2433 439/417
2006/0098969 A1 *	5/2006	Asai	.....	H04N 5/2257 396/89
2018/0342824 A1 *	11/2018	Ho	.....	H01R 12/707

FOREIGN PATENT DOCUMENTS

JP	2011198526 A *	10/2011	
JP	2018206740 A *	12/2018	..... H04N 5/2251

OTHER PUBLICATIONS

Examiner Notice issued for counterpart Japanese Application No. 2019-018591, issued by the Japan Patent Office drafted on Nov. 26, 2019.

Global Sources Electronic Components, vol. 9, No. 37, p. 161(JPO Design Division Publicly Known Material No. HB28001021).

Korea Design Trademark Gazette, 2005-23, (May 6, 2005), 30-0380771, (JPO Design Division Publicly Known Material No. HH17529200).

* cited by examiner

Primary Examiner — Shawn T Gingrich

(57) **CLAIM**

The ornamental design for an electric connector, as shown and described.

DESCRIPTION

FIG. 1 is a 1st perspective view of an electric connector, showing our new design;

FIG. 2 is a 2nd perspective view thereof.

FIG. 3 is a front elevation view thereof;

FIG. 4 is a rear elevation view thereof;

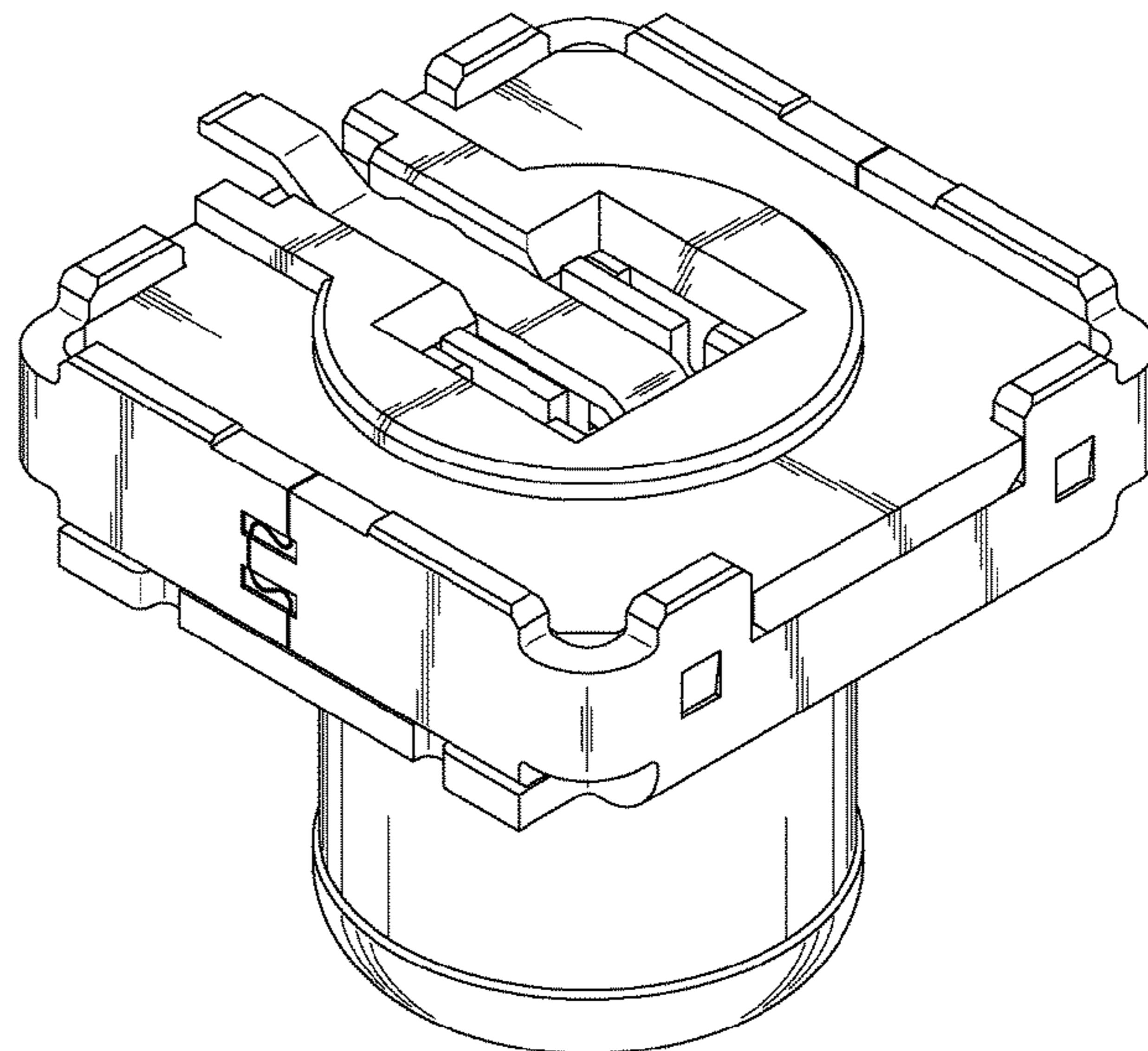
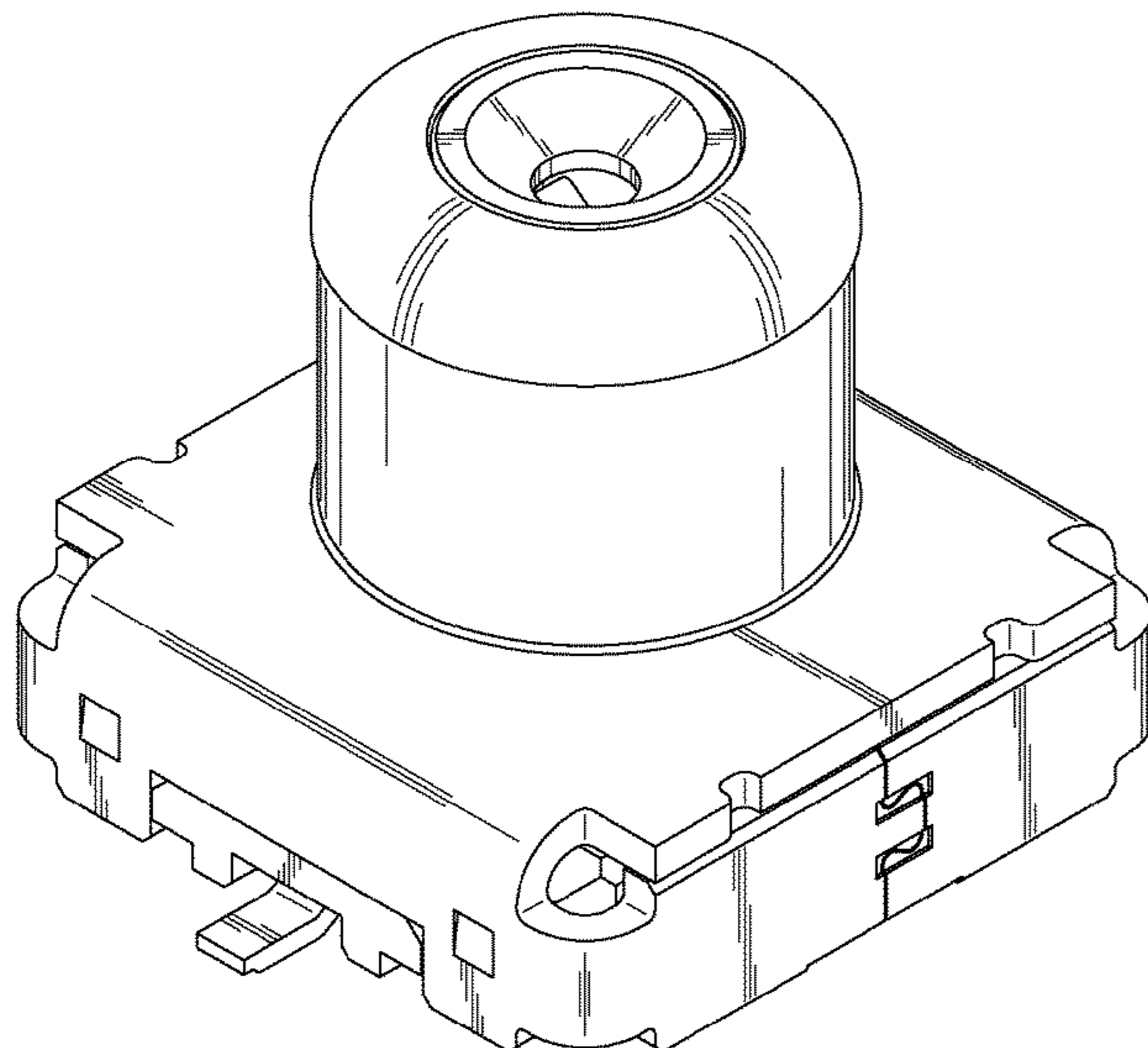
FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a left side view thereof; and,

FIG. 8 is a right side view thereof.

1 Claim, 8 Drawing Sheets



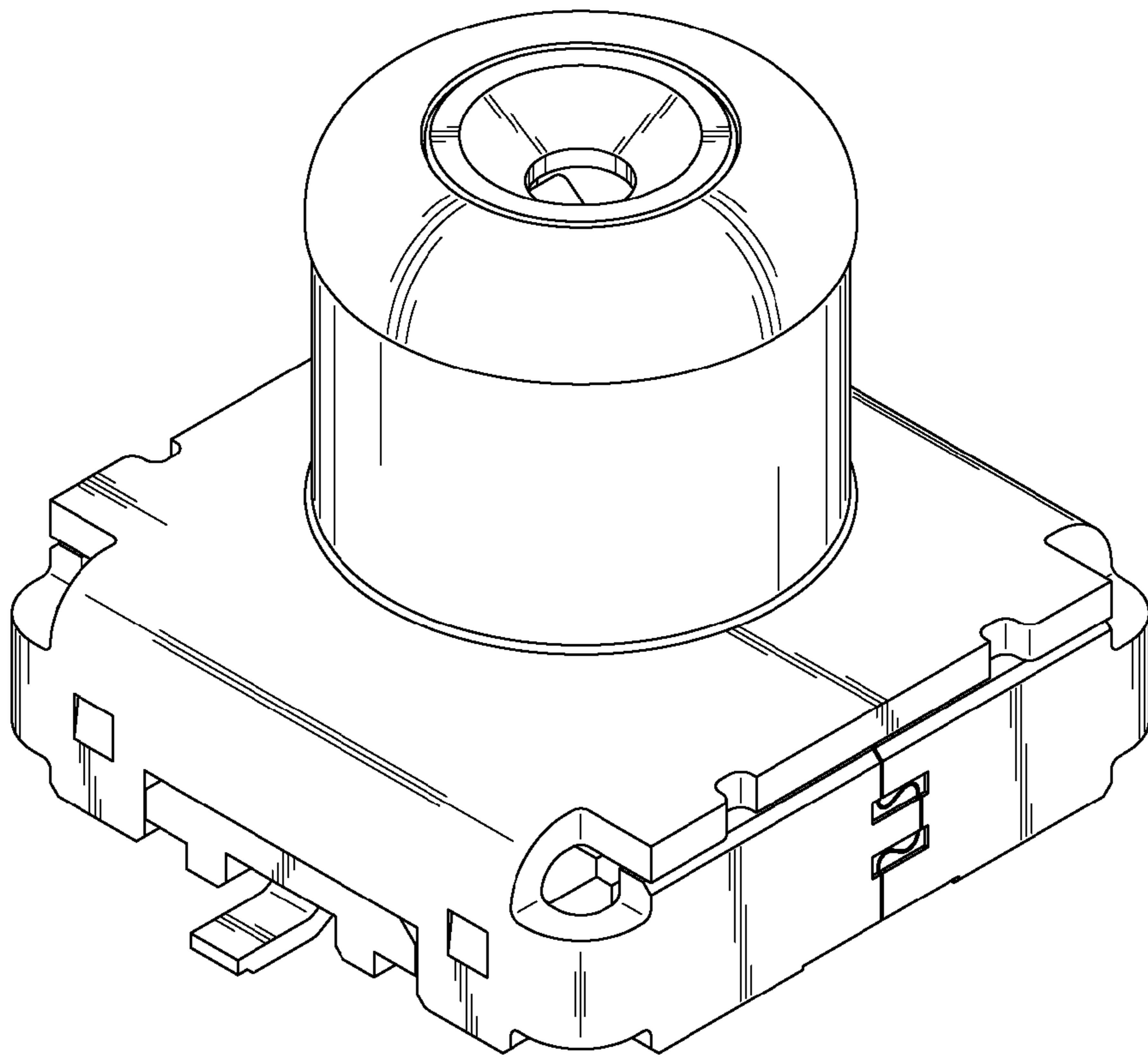


Fig. 1

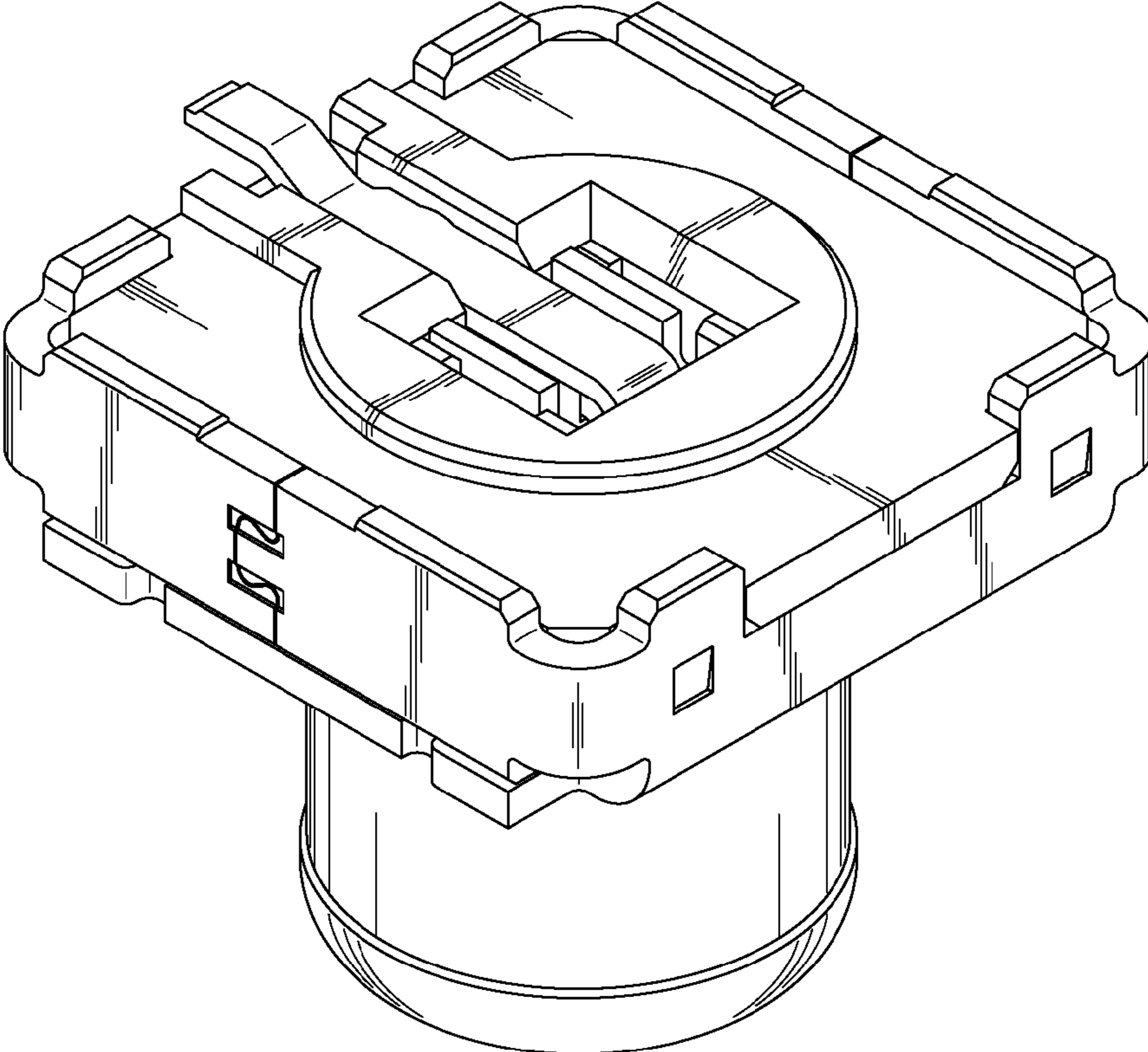


Fig. 2

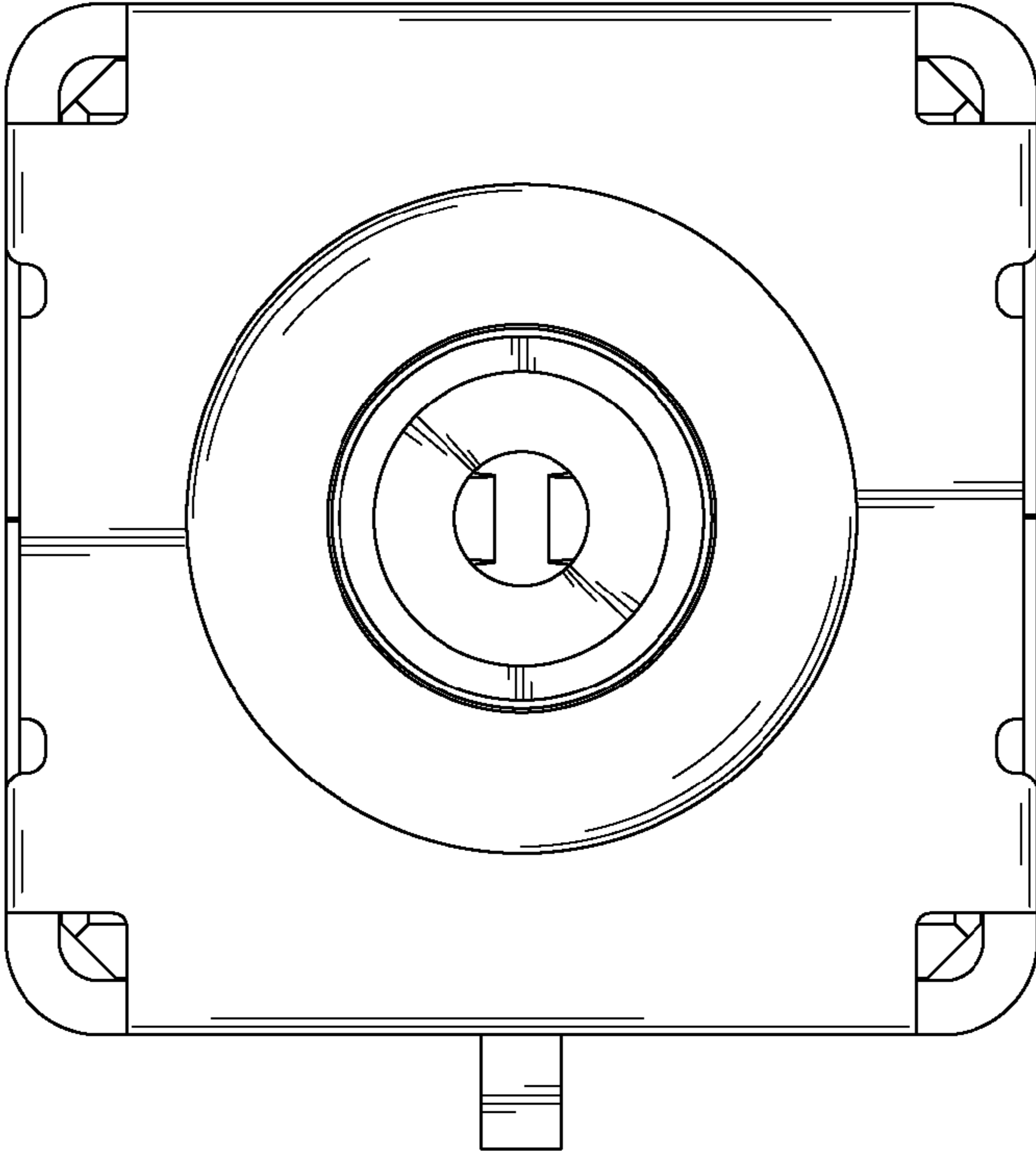


Fig.3

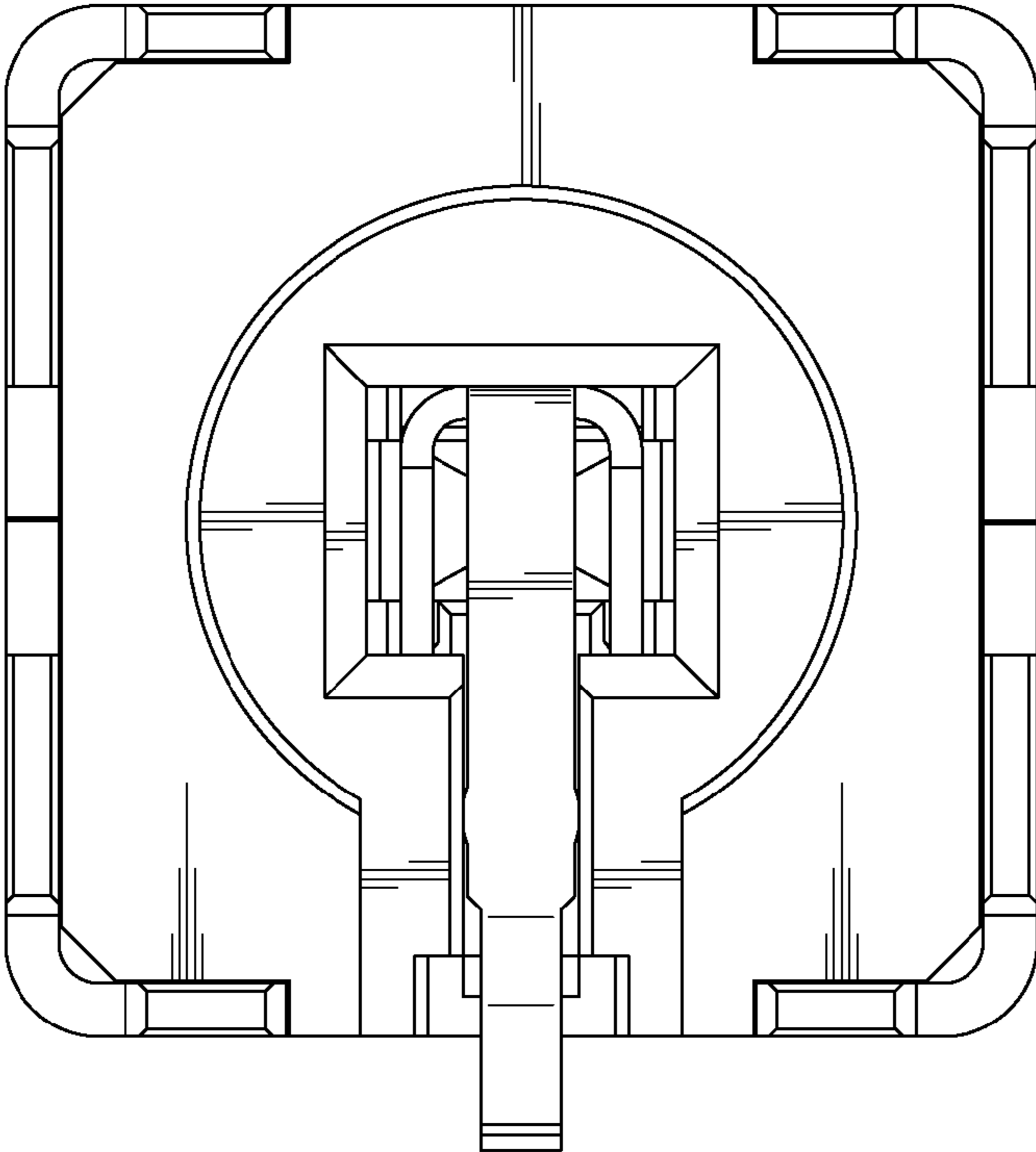


Fig. 4

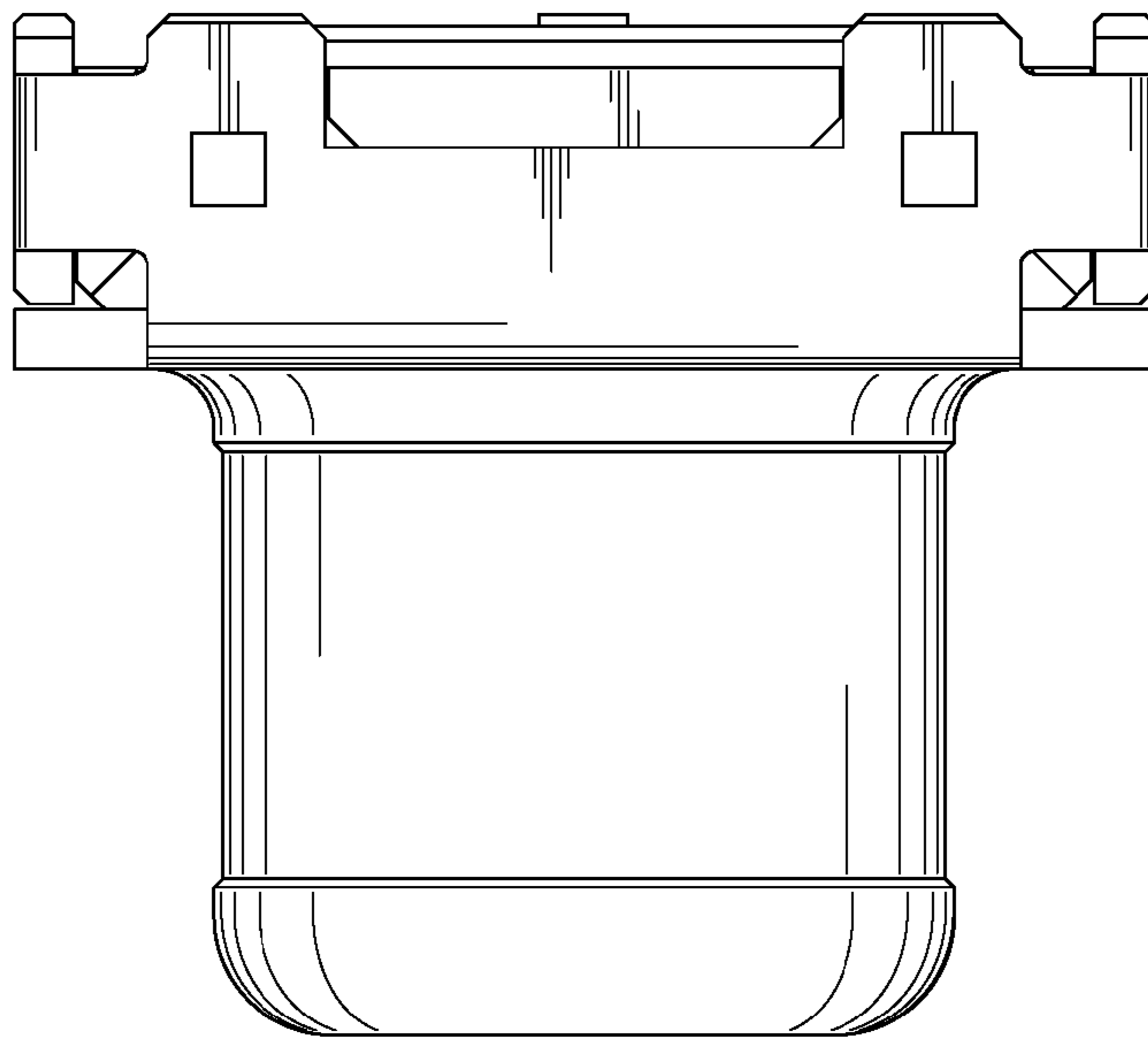


Fig. 5

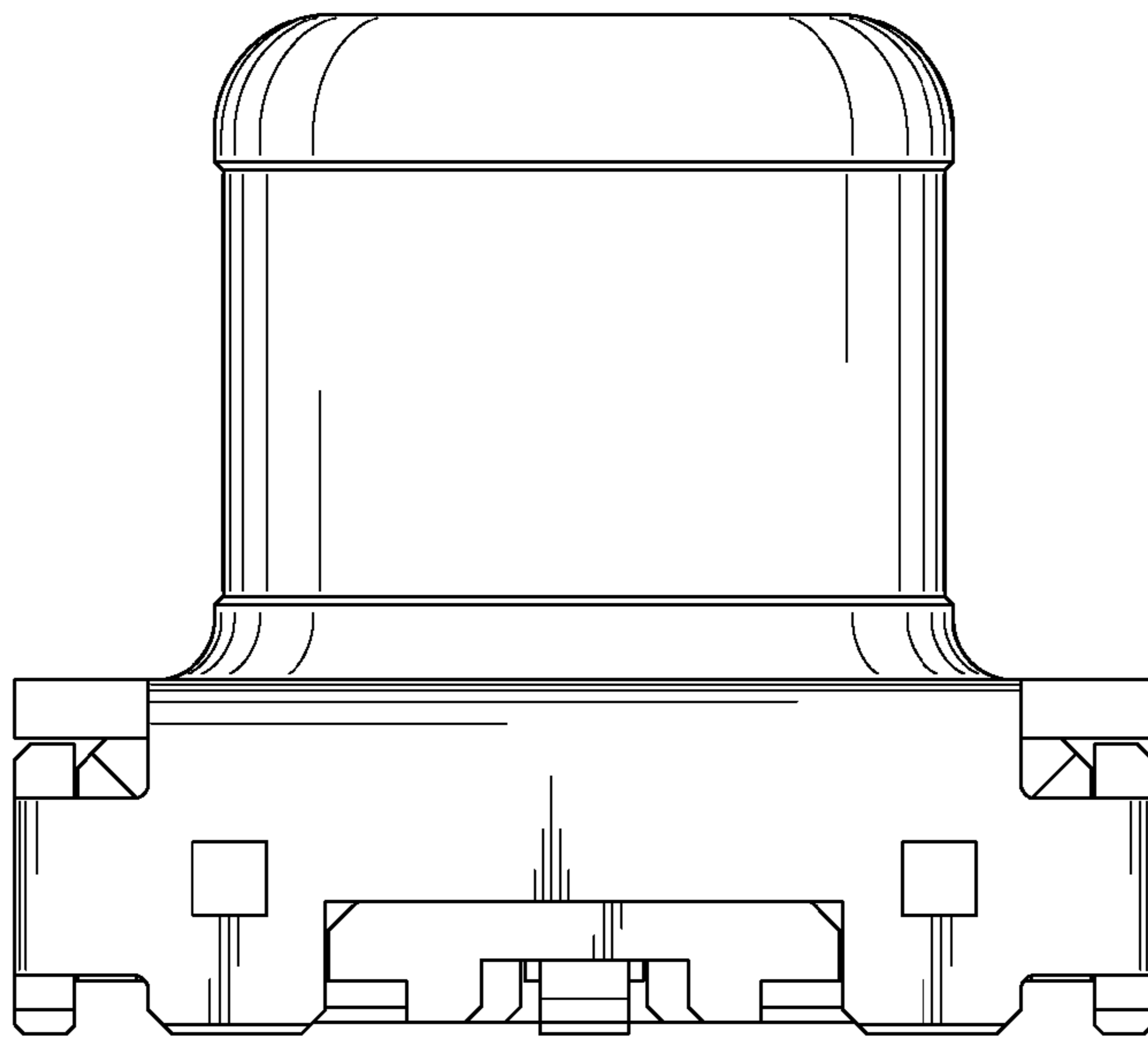


Fig. 6

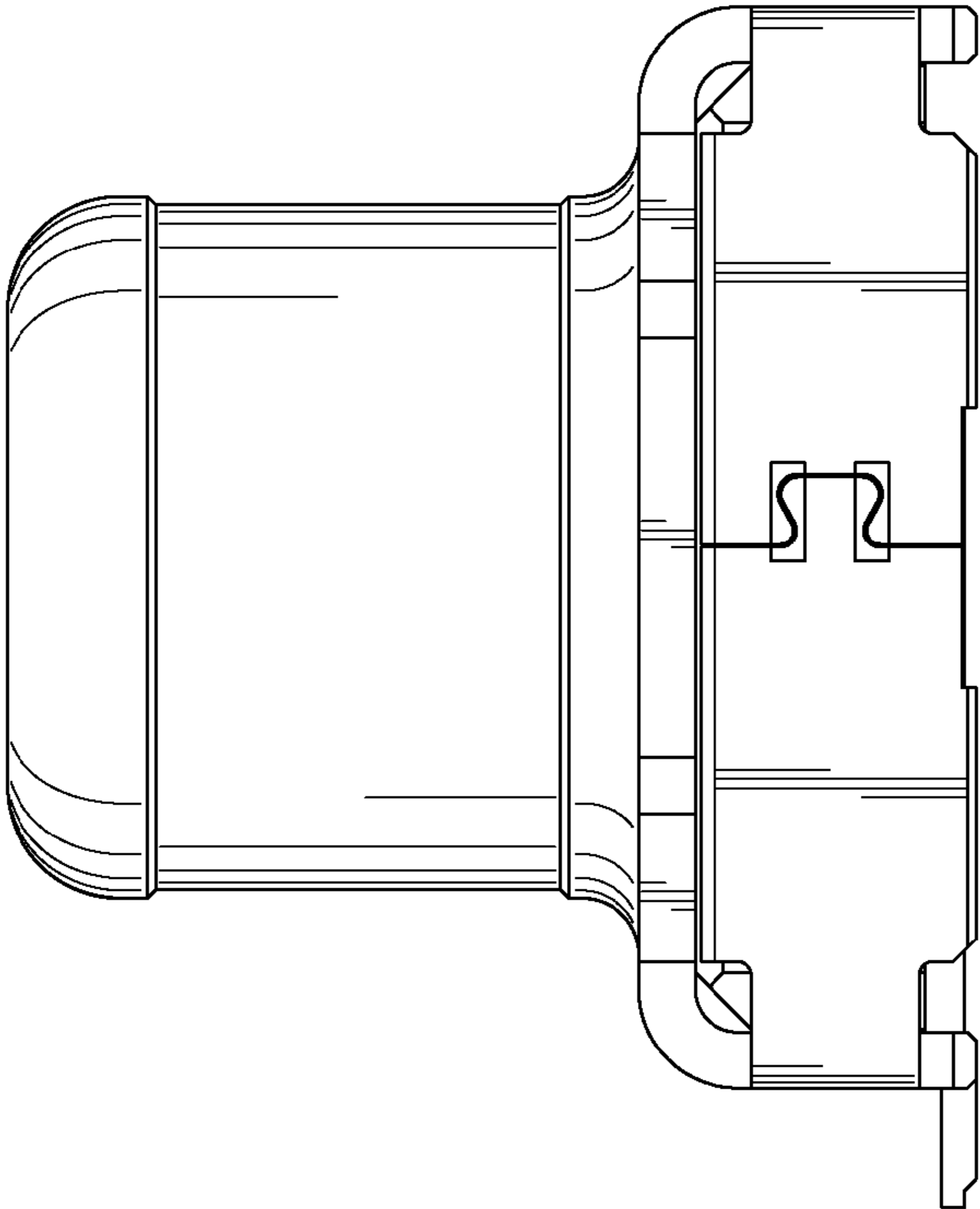


Fig. 7

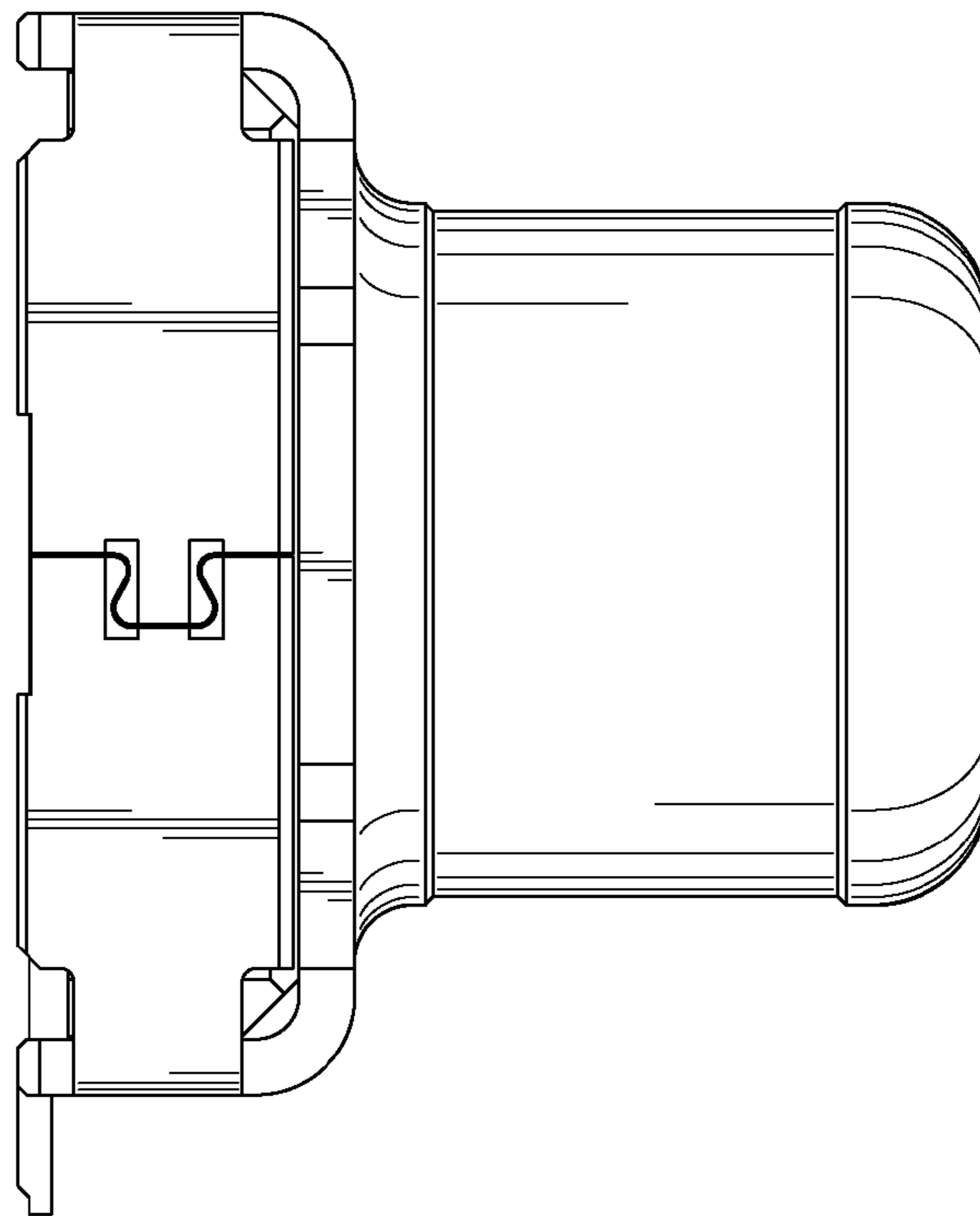


Fig. 8