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(12) **United States Design Patent** (10) **Patent No.:** **US D556,144 S**
Dinh (45) **Date of Patent:** **** Nov. 27, 2007**

(54) **PAN TYPE CEILING BOX**

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

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(51) **LOC (8) Cl.** **13-03**

(52) **U.S. Cl.** **D13/152**

(58) **Field of Classification Search** D13/139.4, D13/152, 156, 184; 174/50, 53-55, 58, 60, 174/66, 67; 220/3.2, 3.3, 3.7-3.9, 241, 242, 220/244, 315; 439/135, 136, 138, 142, 367, 439/373, 535, 536, 537, 541, 892, 893
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

934,298	A *	9/1909	Fagen et al.	.....	220/3.8
1,568,131	A *	1/1926	Bonnell	.....	285/154.3
1,751,262	A	3/1930	Brown		
RE22,882	E *	5/1947	Popp	.....	200/295
2,437,674	A *	3/1948	Armbruster	.....	70/173
3,701,448	A	10/1972	Vadnais	.....	220/3.9
4,874,905	A	10/1989	Schnell et al.	.....	174/65
5,234,119	A	8/1993	Jorgensen et al.	.....	272/3.9
5,522,577	A	6/1996	Roesch	.....	248/343
5,854,443	A *	12/1998	Reiker	.....	174/58
6,191,362	B1	2/2001	Gretz	.....	174/58
6,207,897	B1 *	3/2001	Reiker	.....	174/58
6,355,883	B1	3/2002	Gretz	.....	174/58
D478,872	S *	8/2003	Heggem	.....	D13/152

6,677,523	B1	1/2004	Gretz	.....	174/63
6,794,573	B1 *	9/2004	Ofcharsky et al.	.....	174/58
6,909,045	B2 *	6/2005	Halbert	.....	174/50
6,956,170	B1 *	10/2005	Gretz et al.	.....	174/58
2002/0179599	A1 *	12/2002	Dinh et al.	.....	220/3.3
2006/0169472	A1 *	8/2006	Waters	174/60
2006/0278632	A1 *	12/2006	Tai	220/3.2

* cited by examiner

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(57) **CLAIM**

The ornamental design for the pan type ceiling box, as shown and described.

DESCRIPTION

FIG. 1 is an enlarged front pictorial view of the pan type ceiling box of the present invention.

FIG. 2 is an enlarged back pictorial view of the pan type ceiling box of the present invention.

FIG. 3 is a front elevational view of the pan type ceiling box of the present invention.

FIG. 4 is a right side elevational view of the pan type ceiling box of the present invention.

FIG. 5 is a back elevational view of the pan type ceiling box of the present invention; and,

FIG. 6 is another side elevational view of the pan type ceiling box of the present invention.

The broken line showing is included for the purpose of illustrating environmental features and forms no part of the claimed design.

1 Claim, 2 Drawing Sheets

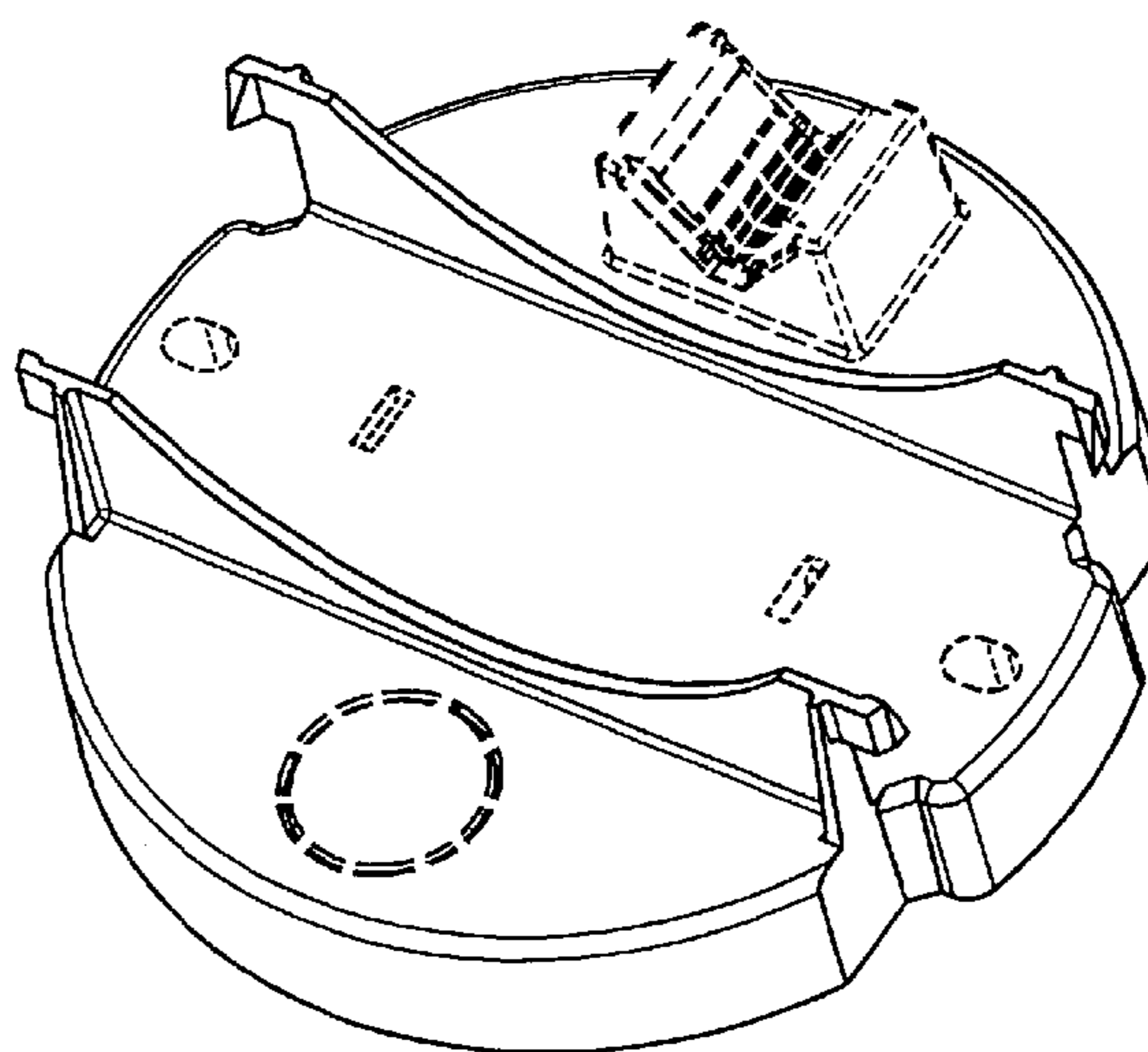
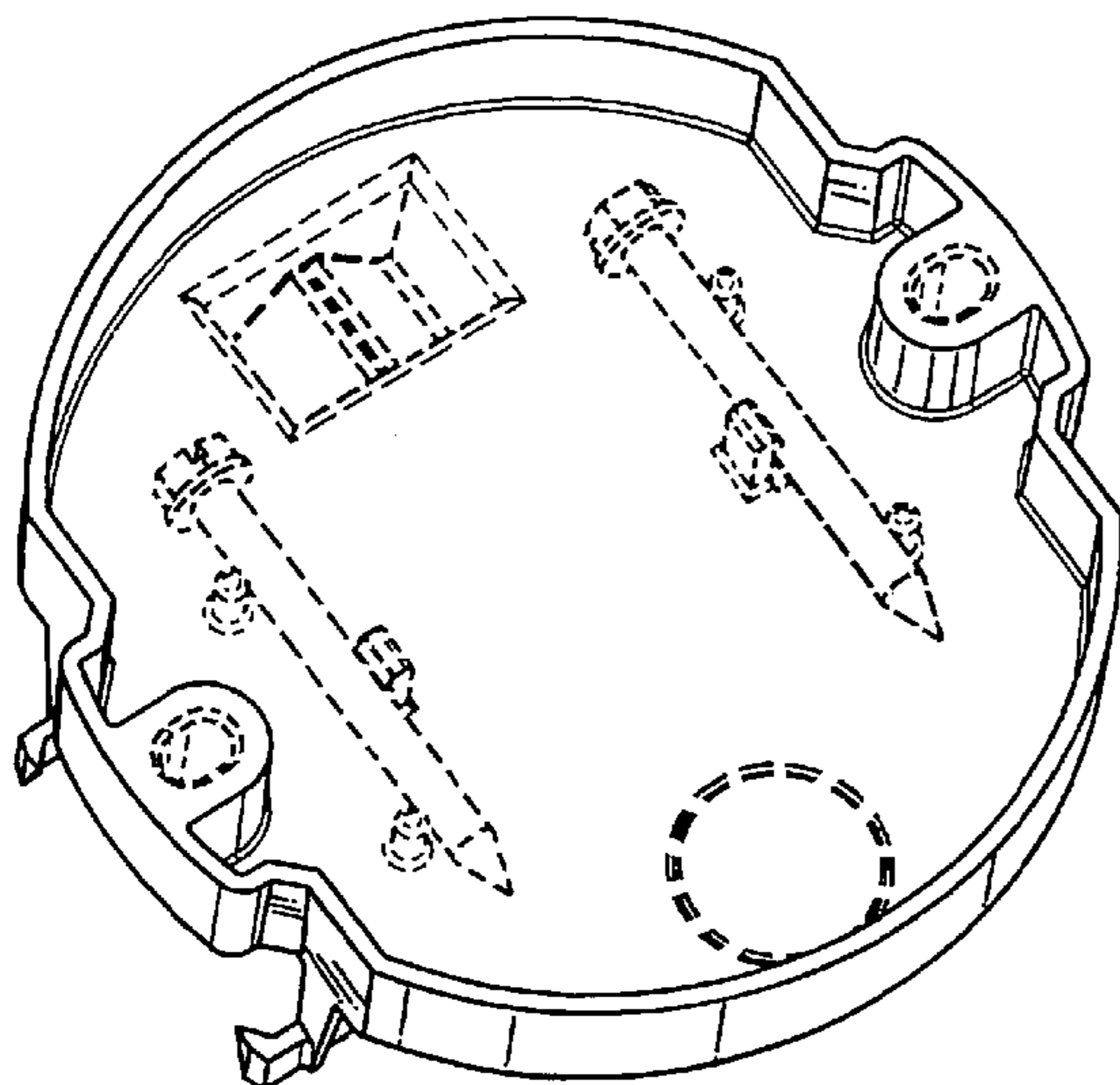


FIG. 2

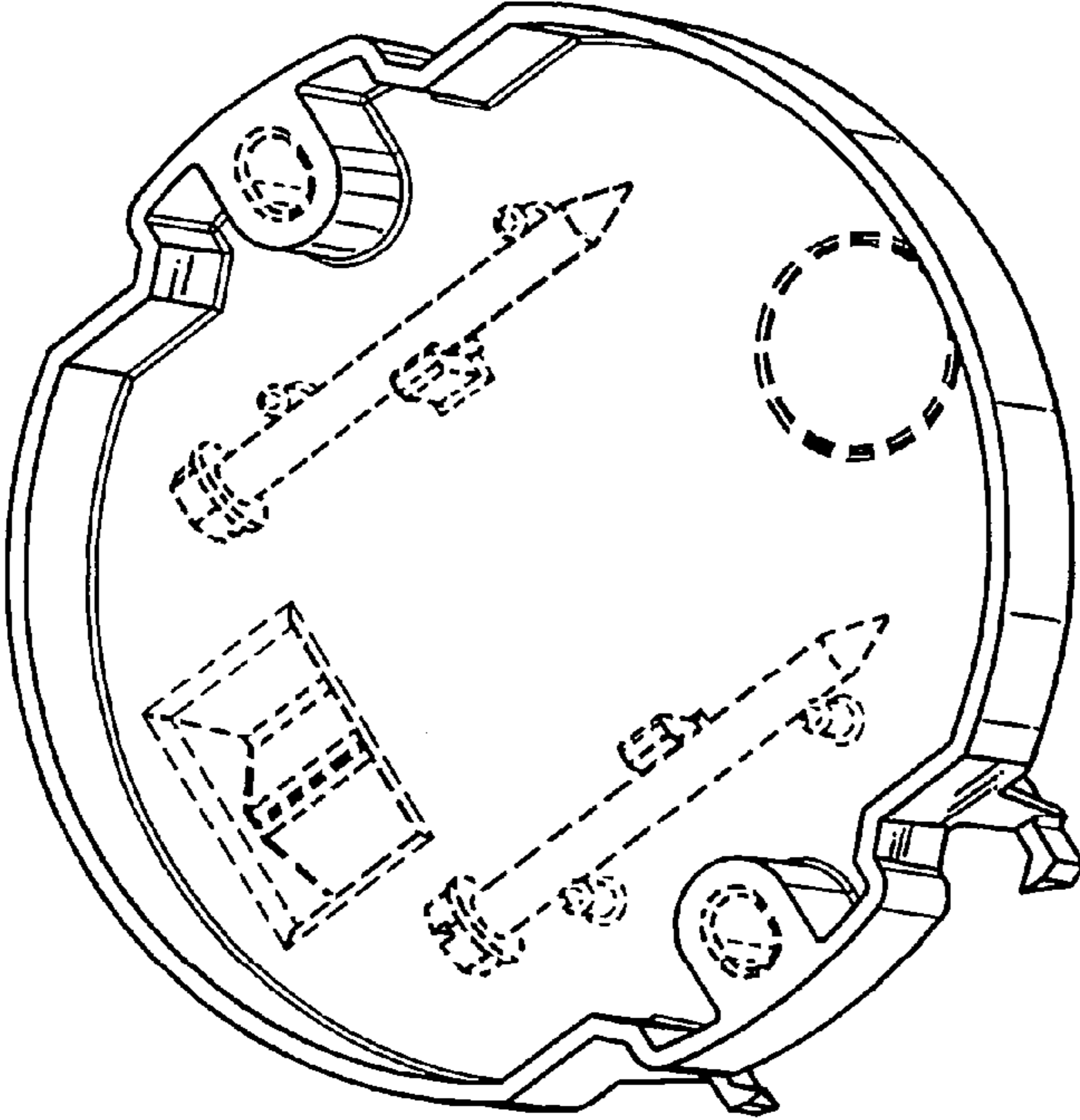
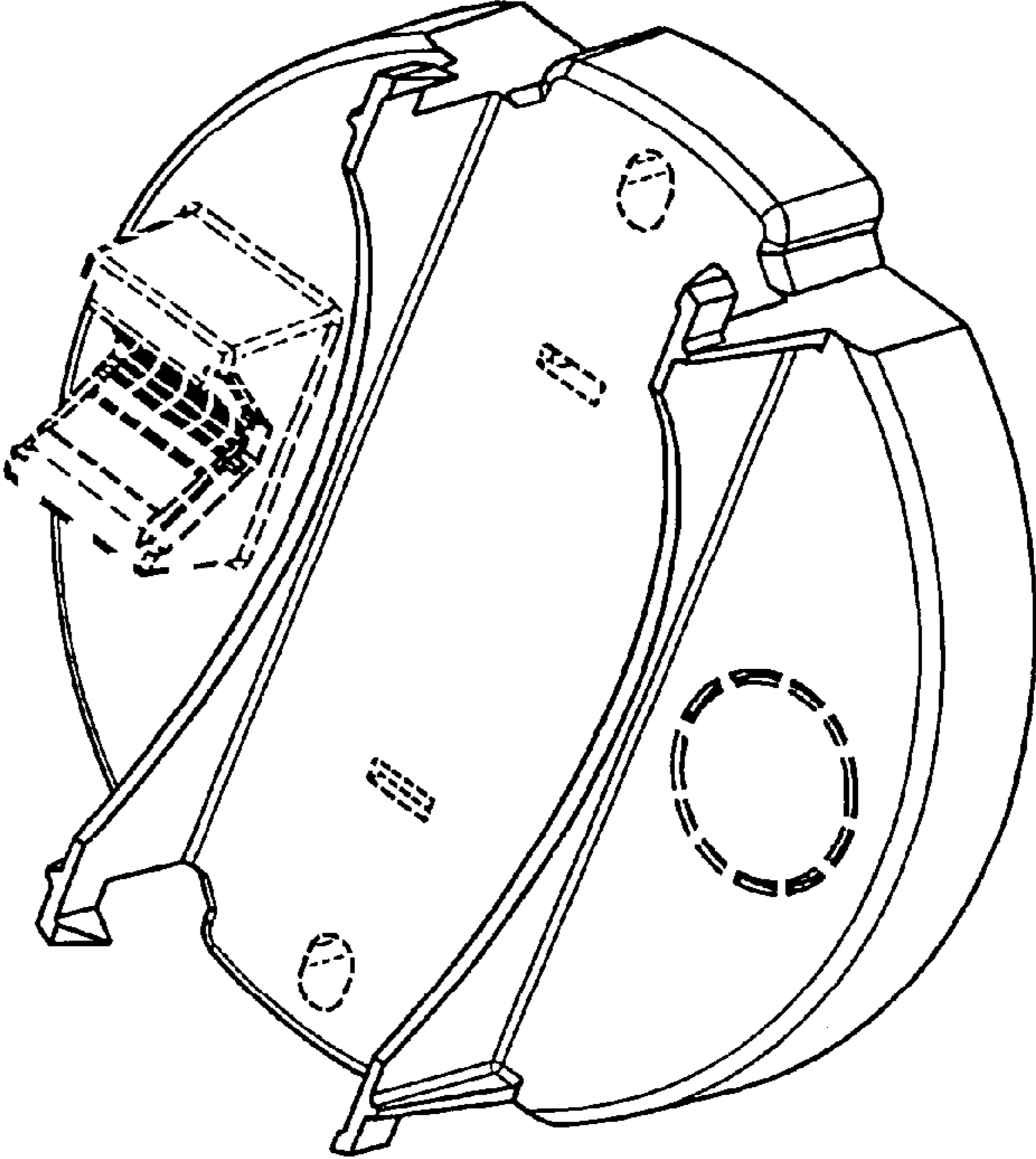


FIG. 1

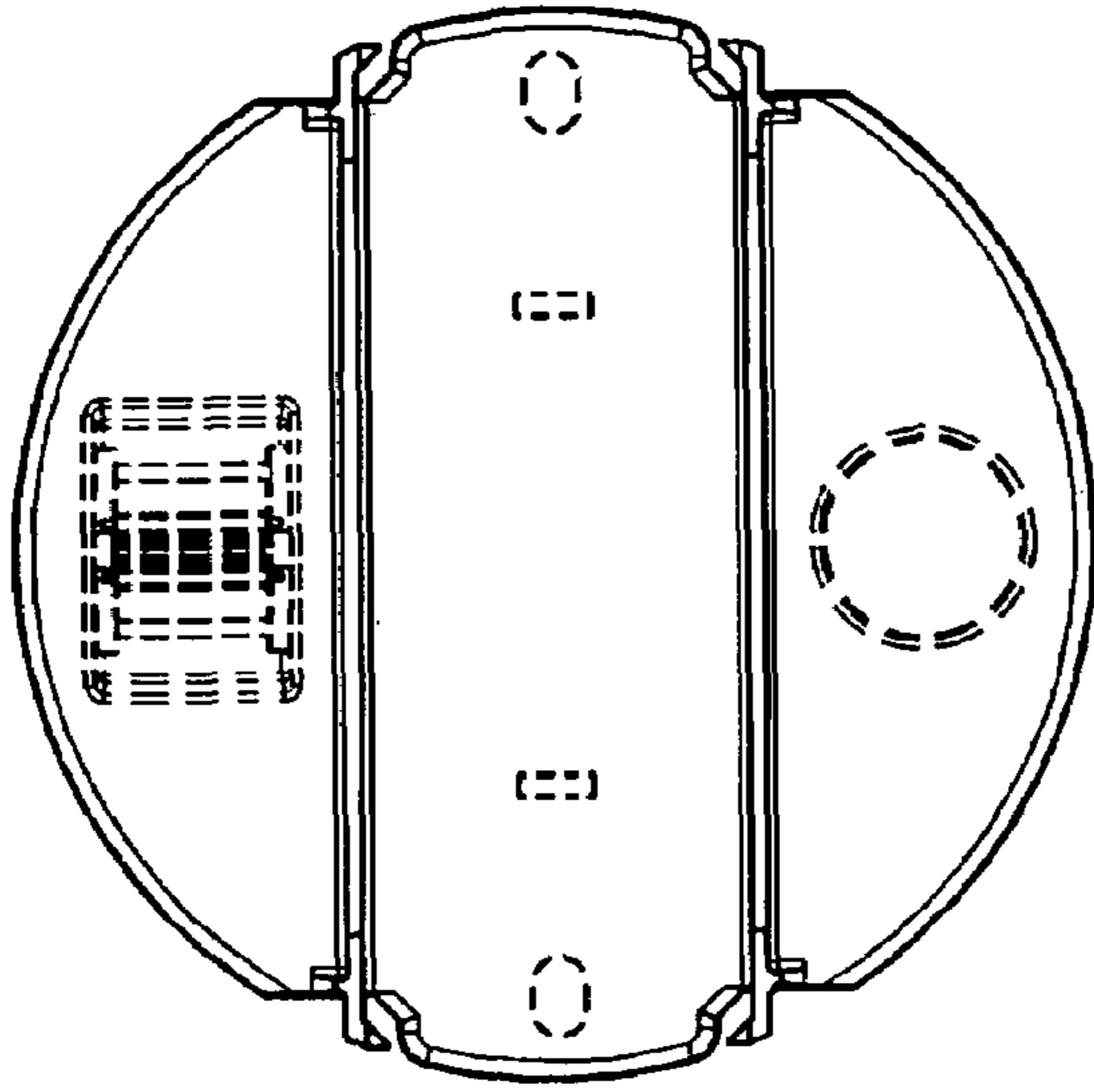


FIG. 3

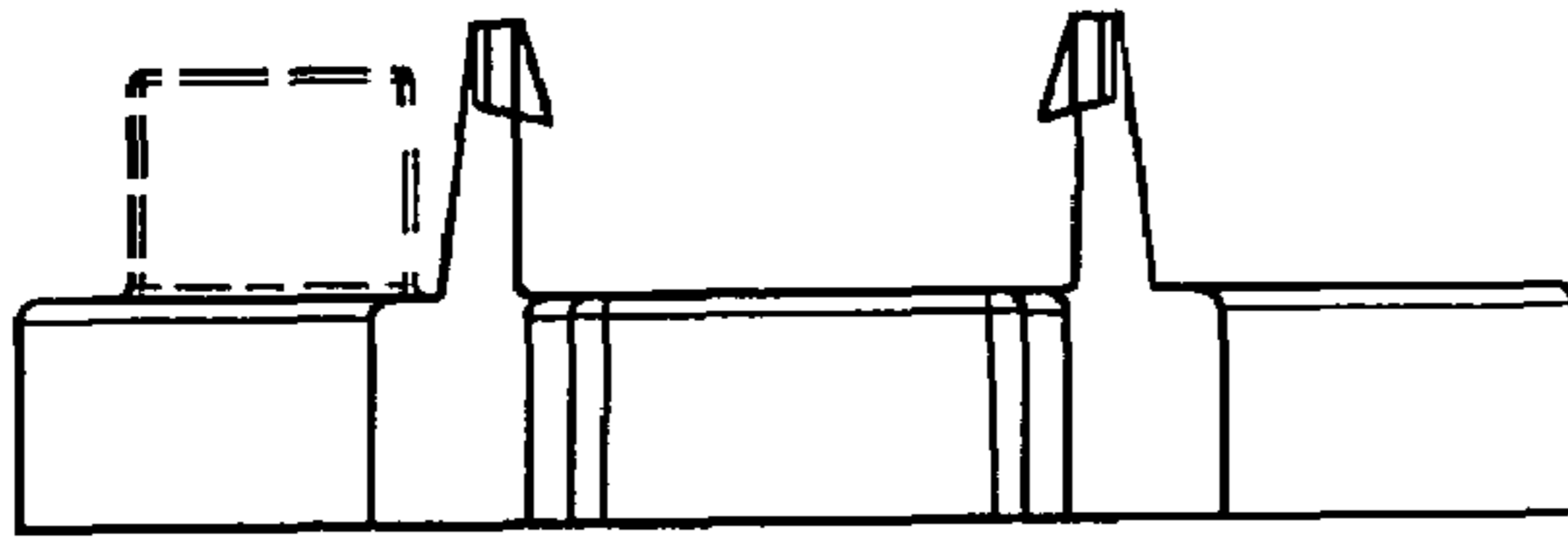


FIG. 4

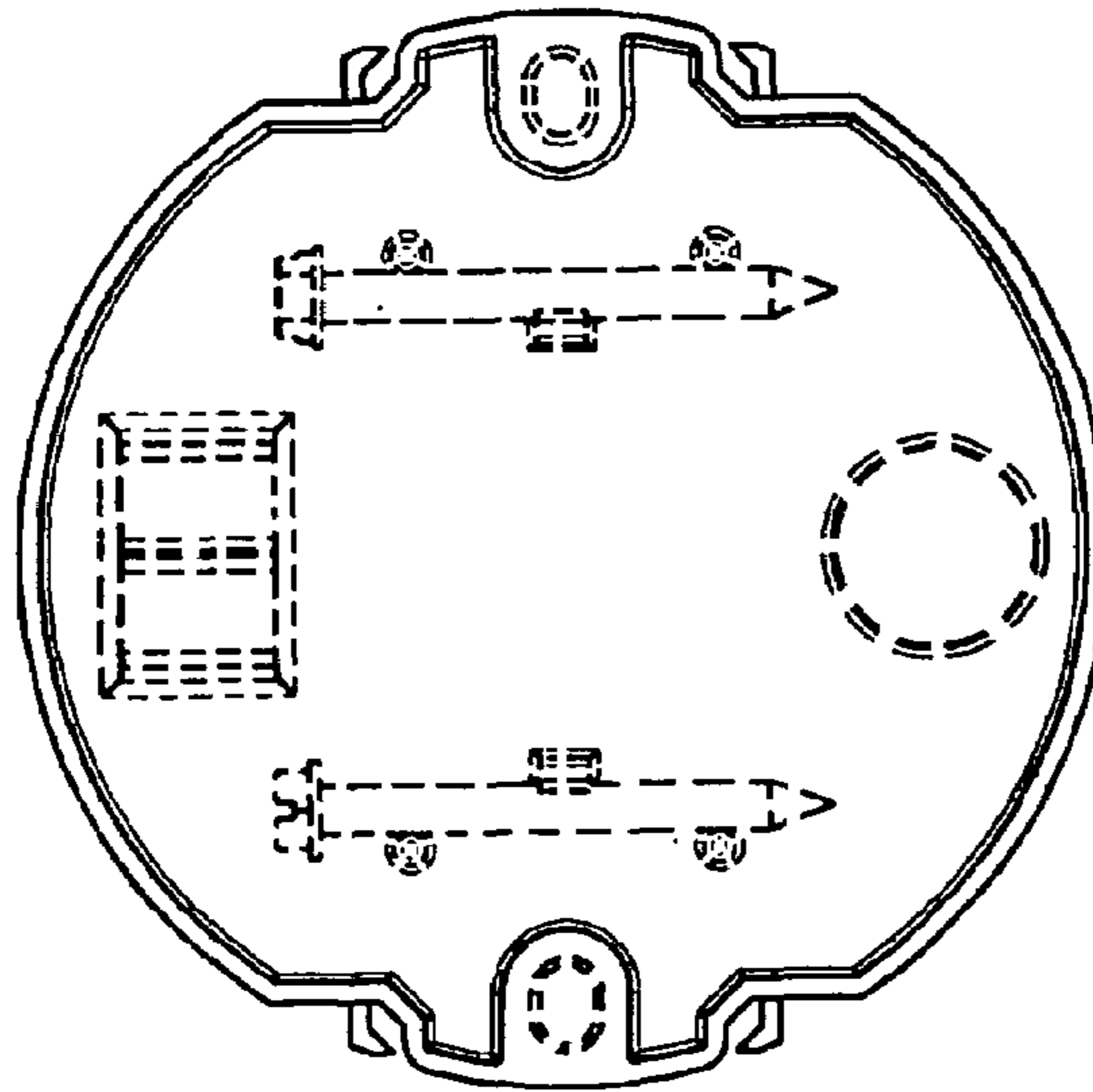


FIG. 5

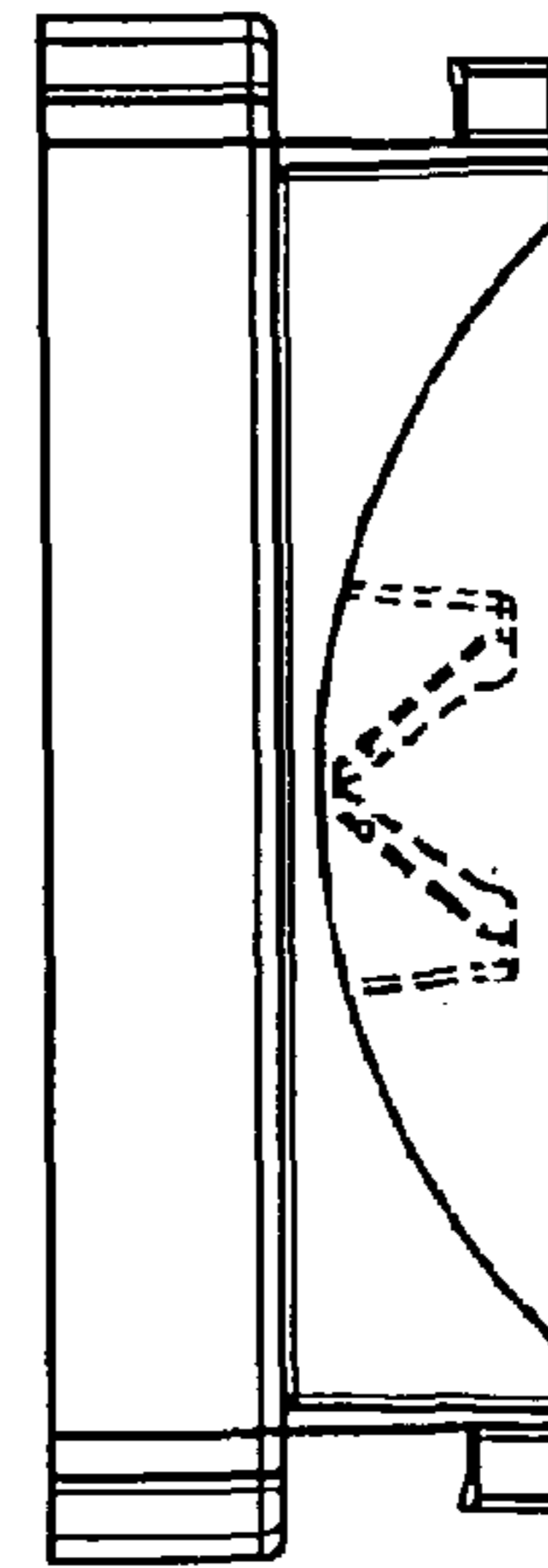


FIG. 6