

US00D615165S

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

(10) **Patent No.:** **US D615,165 S**
(45) **Date of Patent:** **** May 4, 2010**

(54) **COUPLING HOUSING FOR A MINE
DEWATERING APPARATUS**

(75) Inventors: **Michael McAlpine**, Caloundra (AU);
Robert Turner, Caloundra (AU)

(73) Assignee: **Weir Minerals Australia, Ltd.**,
Artarmon (AU)

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

(21) Appl. No.: **29/314,295**

(22) Filed: **Mar. 18, 2009**

(30) **Foreign Application Priority Data**

Sep. 22, 2008 (AU) 14550/08

(51) **LOC (9) Cl.** **23-01**

(52) **U.S. Cl.** **D23/262**

(58) **Field of Classification Search** D23/259-269;
4/286-287, 295; 138/89, 91; 217/110; 220/288;
222/552, 554, 546, 563; 285/139.1, 148.18,
285/148.23, 242, 251, 256, 331, 353, 423,
285/921; 174/665; D15/7

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,319,774 A * 3/1982 Kavick 285/256
4,836,580 A * 6/1989 Farrell 285/24

5,806,830 A * 9/1998 Alvarez 251/145
D520,521 S * 5/2006 Angeletta D15/7
2006/0208485 A1 * 9/2006 Discher et al. 285/319

* cited by examiner

Primary Examiner—T. Chase Nelson

Assistant Examiner—Eric L Goodman

(74) *Attorney, Agent, or Firm*—Morriess O'Bryant Compagni

(57) **CLAIM**

The ornamental design for the coupling housing for a mine dewatering apparatus, as shown and described herein.

DESCRIPTION

FIG. 1 is a perspective view of the present invention depicting a first end of the coupling housing for attachment to a pump of a mine dewatering apparatus;

FIG. 2 is a perspective view of the coupling housing depicting a second end for attachment to the engine assembly of a mine dewatering apparatus shown in FIG. 1;

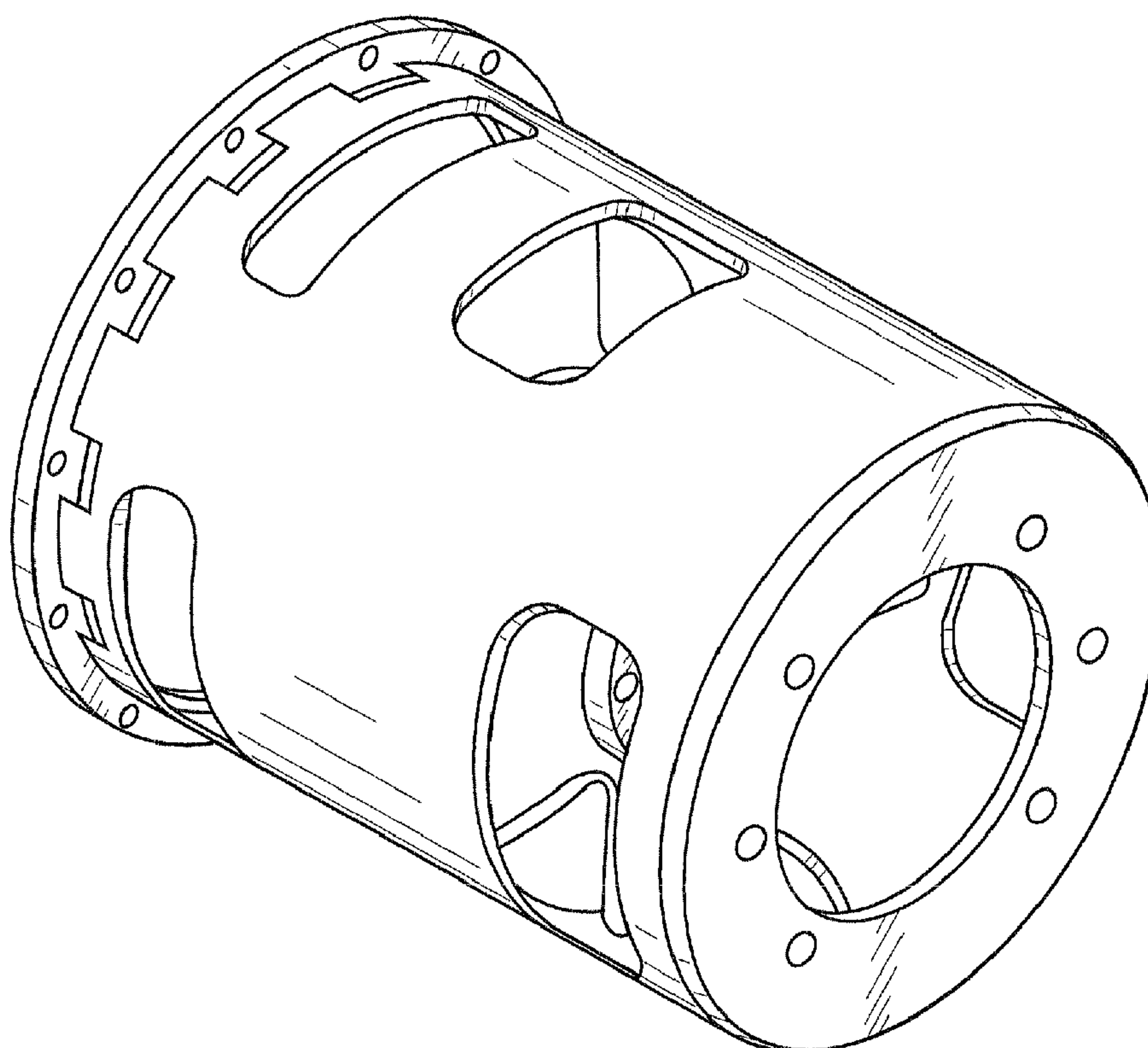
FIG. 3 is a side view in elevation of the mine dewatering apparatus;

FIG. 4 is a side view in elevation of the invention as shown in FIG. 3, rotated 180°;

FIG. 5 is a side view in elevation of the invention as shown in FIG. 4, rotated 90° to the right; and,

FIG. 6 is a plan view of the invention as shown in FIG. 4.

1 Claim, 4 Drawing Sheets



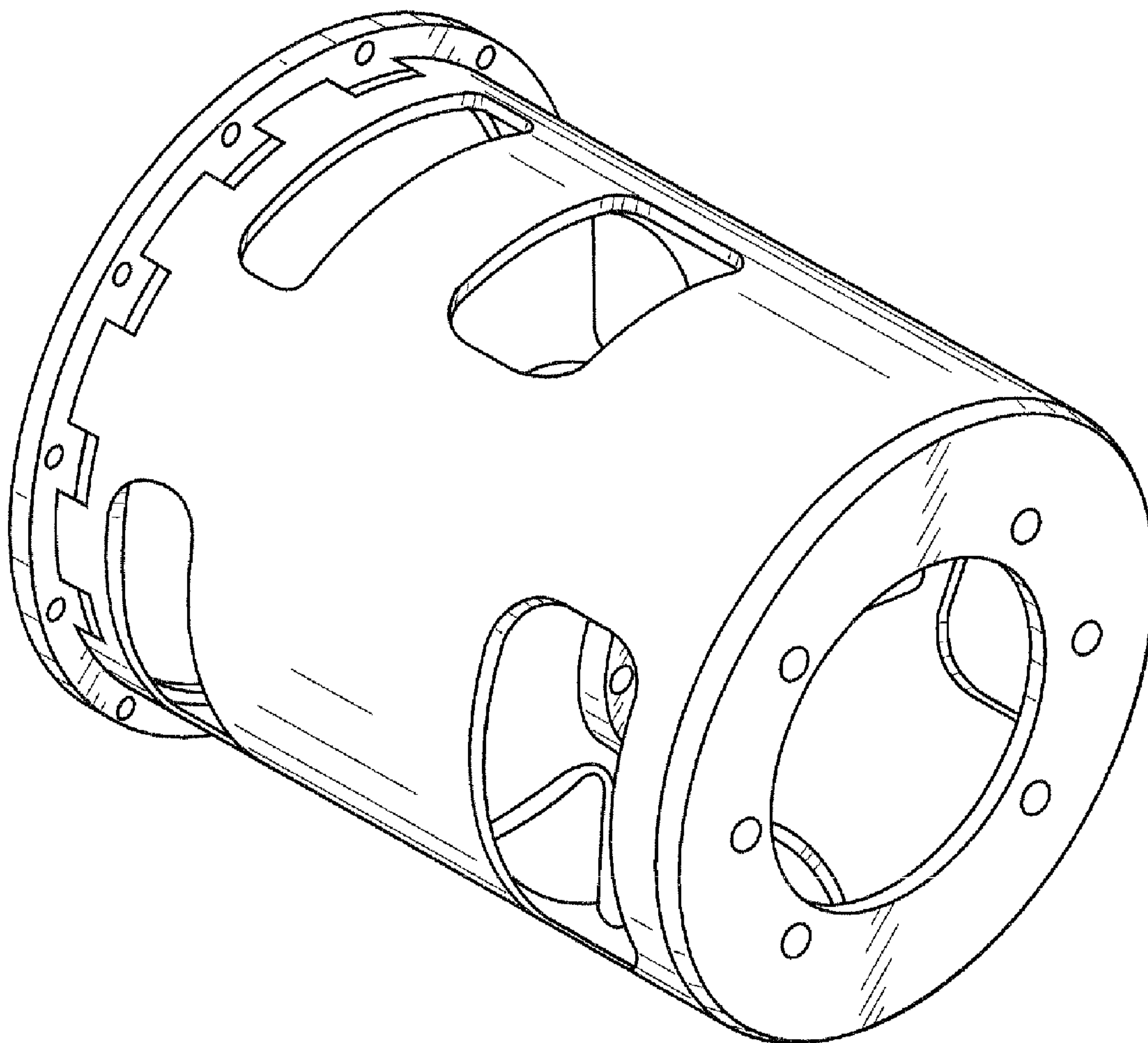


FIG. 1

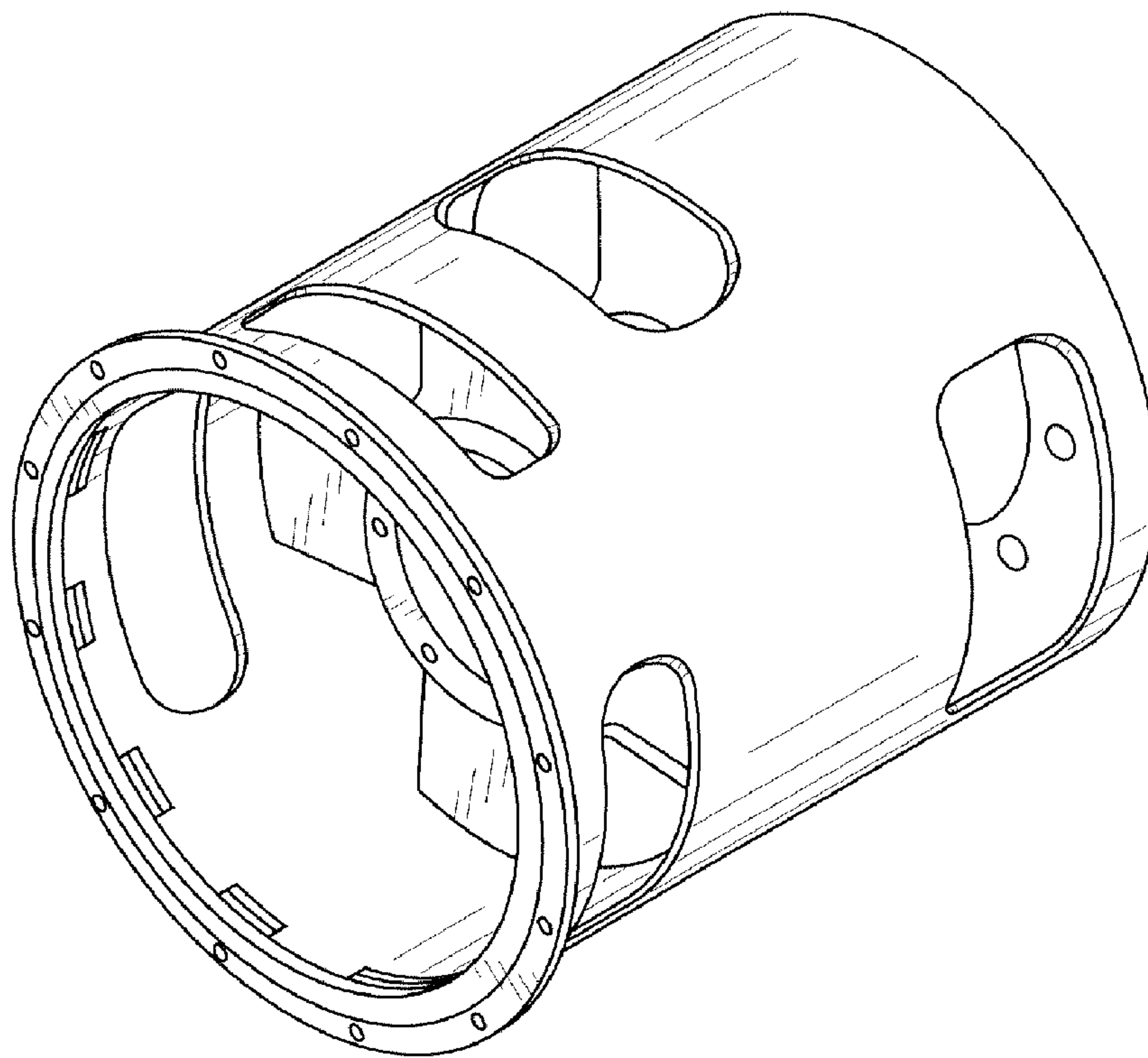


FIG. 2

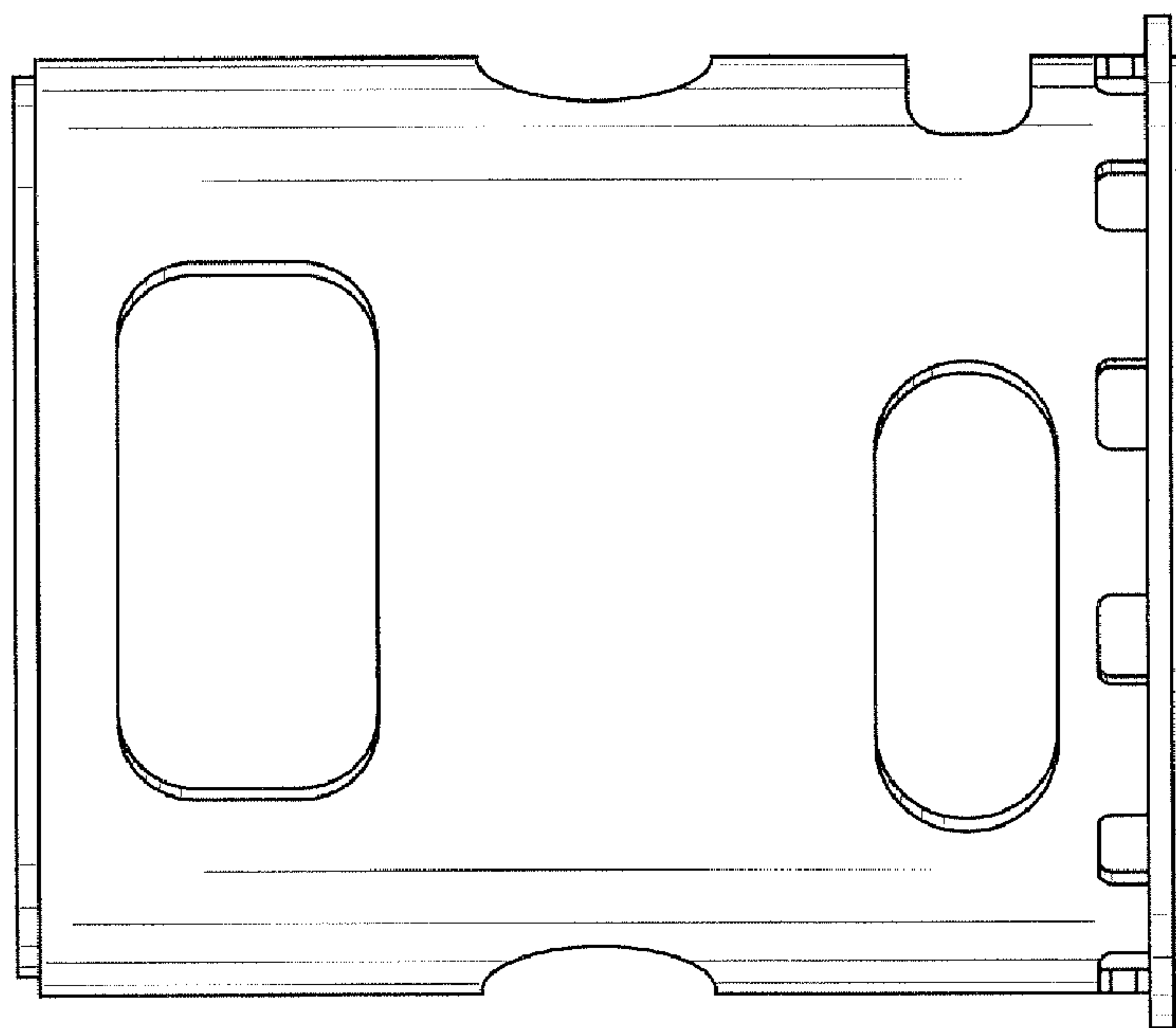


FIG. 3

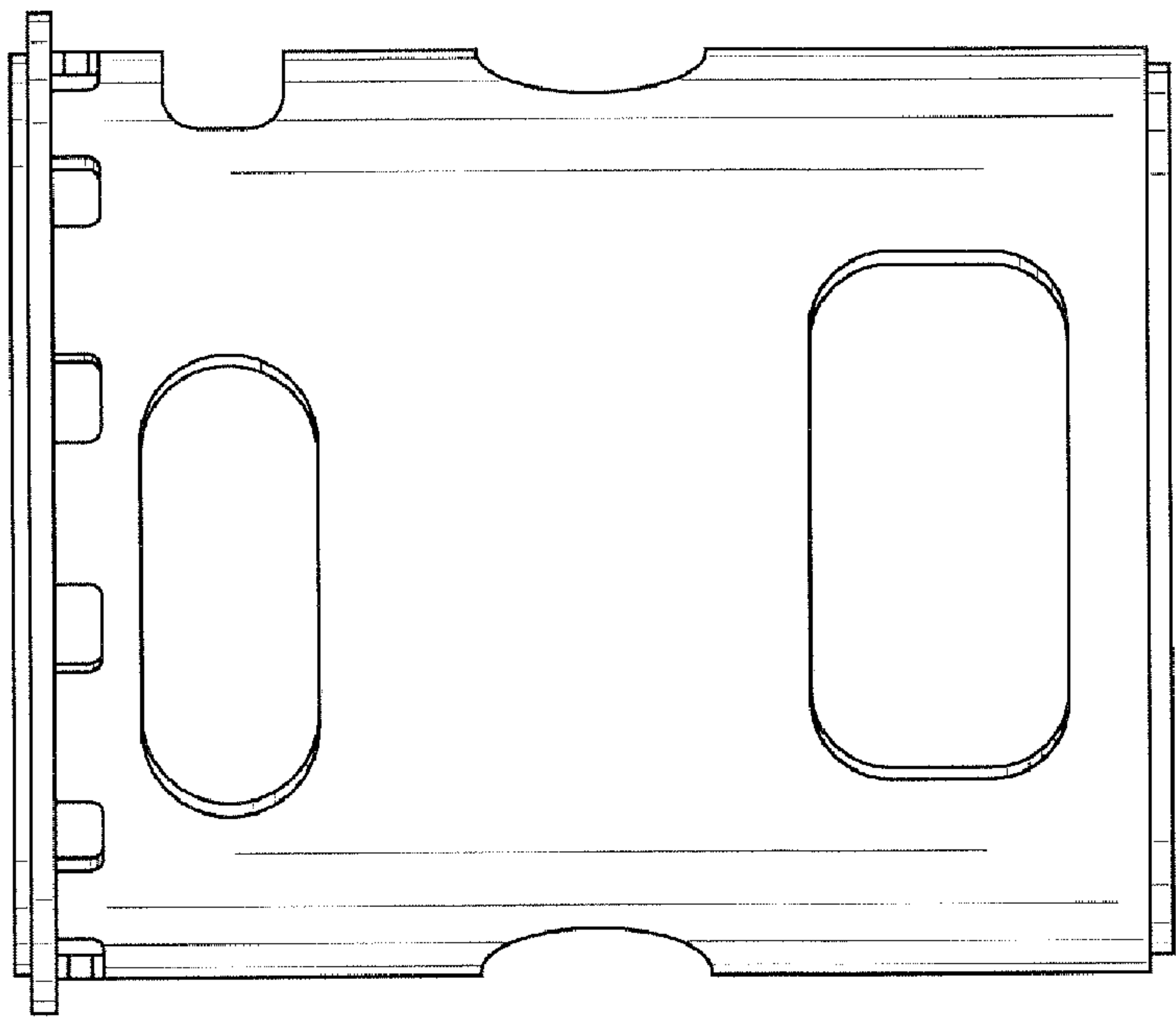


FIG. 4

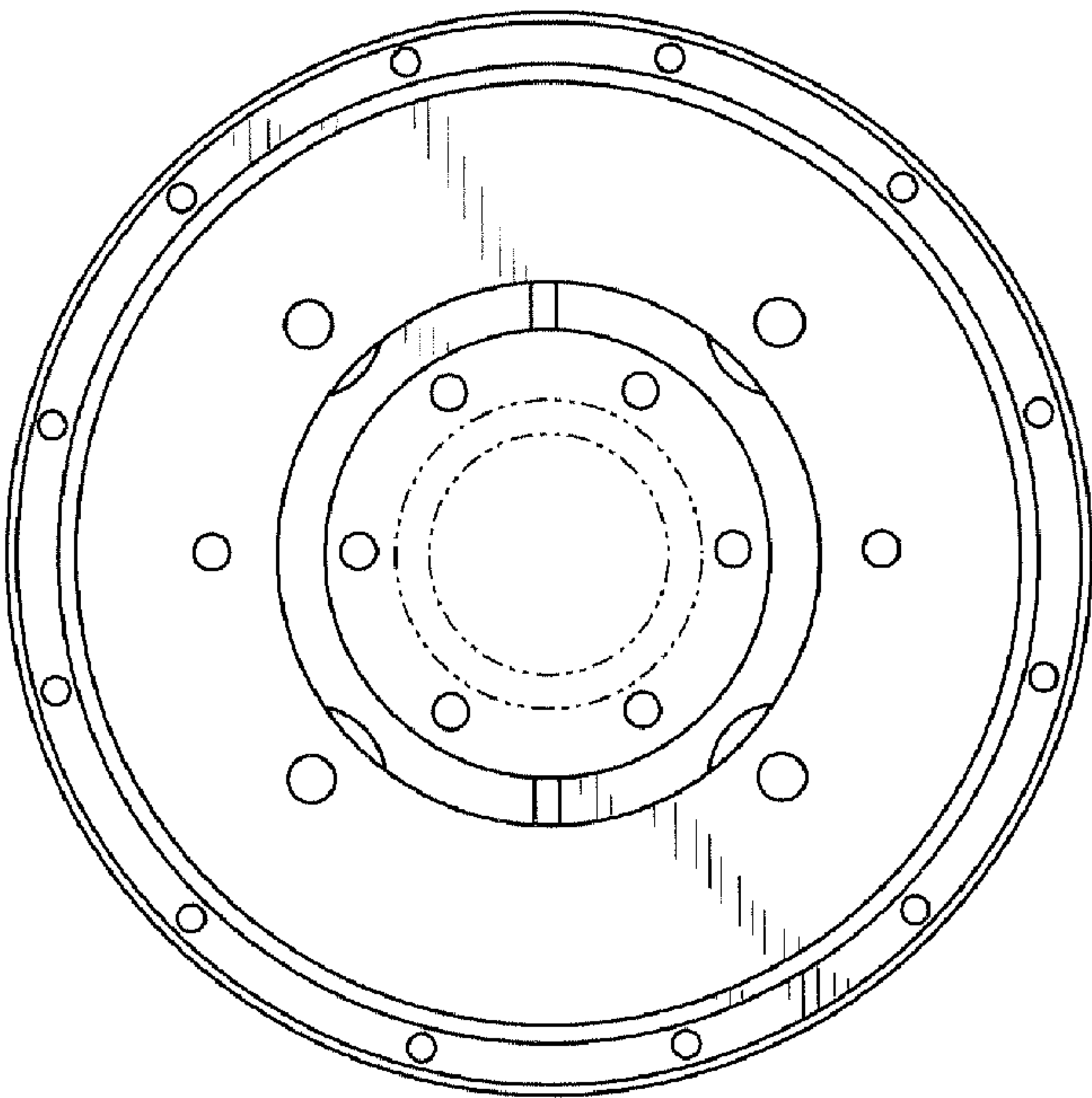


FIG. 5

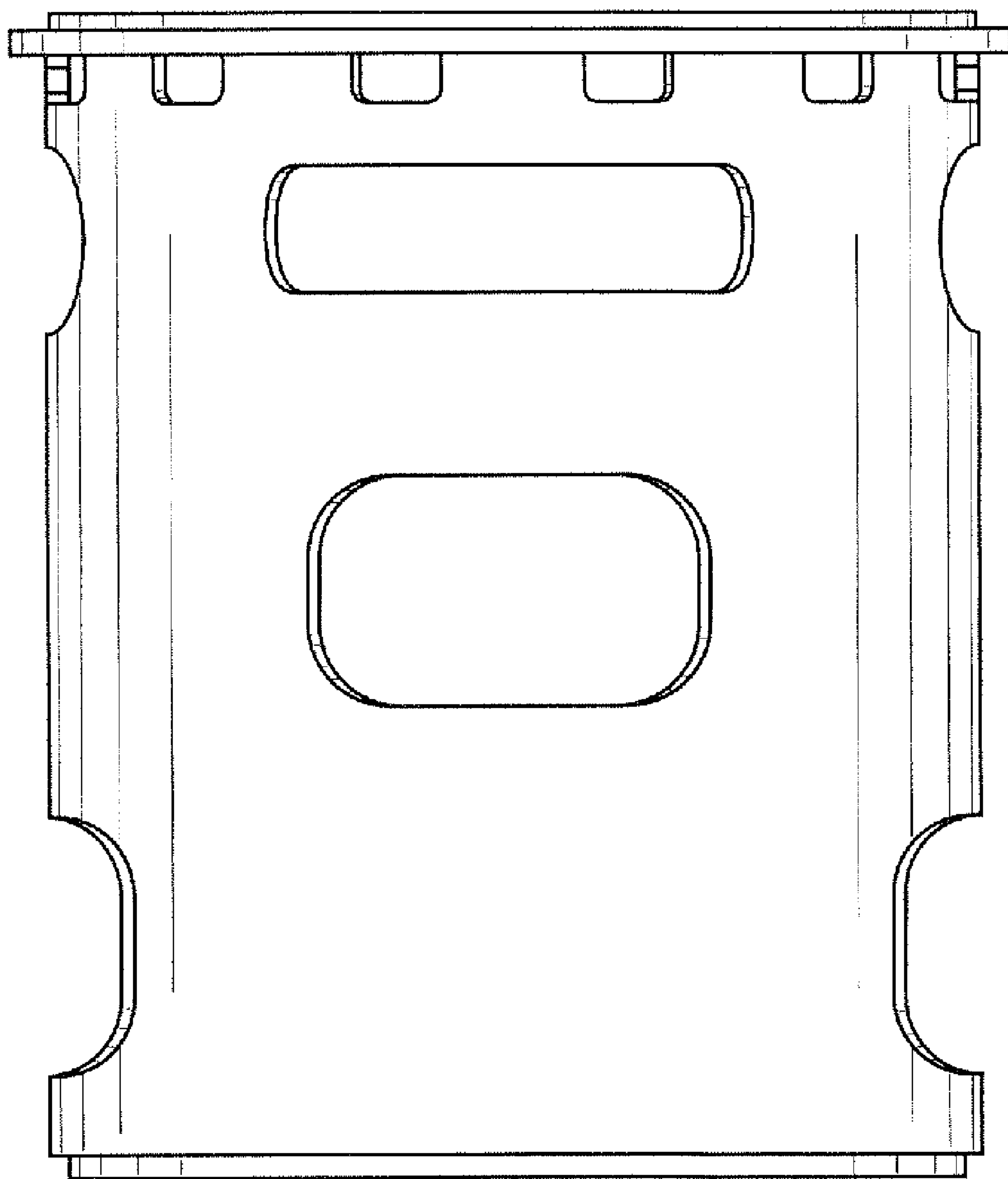


FIG. 6