

US00D514533S

(12) **United States Design Patent** (10) **Patent No.:** **US D514,533 S**
Sugiyama et al. (45) **Date of Patent:** **** Feb. 7, 2006**

(54) **NOISE ABSORBER**

FOREIGN PATENT DOCUMENTS

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JP 867319 2/1993

* cited by examiner

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

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& Chick, PC

(21) Appl. No.: **29/183,408**

(57) **CLAIM**

(22) Filed: **Jun. 10, 2003**

The ornamental design for a noise absorber, as shown and described.

(30) **Foreign Application Priority Data**

Dec. 11, 2002 (JP) 2002-359121

DESCRIPTION

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

FIG. 1 is a front elevational view of a noise absorber showing our new design, the rear elevational view being a mirror image thereof;

FIG. 2 is a right side elevational view thereof;

FIG. 3 is a left side elevational view thereof;

FIG. 4 is a top plan view thereof;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a sectional view thereof along line 6—6 in FIG. 1;

FIG. 7 is a sectional view thereof along line 7—7 in FIG. 4;

FIG. 8 is a front elevational view thereof in a closed state, the rear elevational view being a mirror image thereof;

FIG. 9 is a left side elevational view thereof in a closed state;

FIG. 10 is a top plan view thereof in a closed state; and,

FIG. 11 is a top, rear, right side perspective view thereof, showing the noise absorber as used with an electric cable.

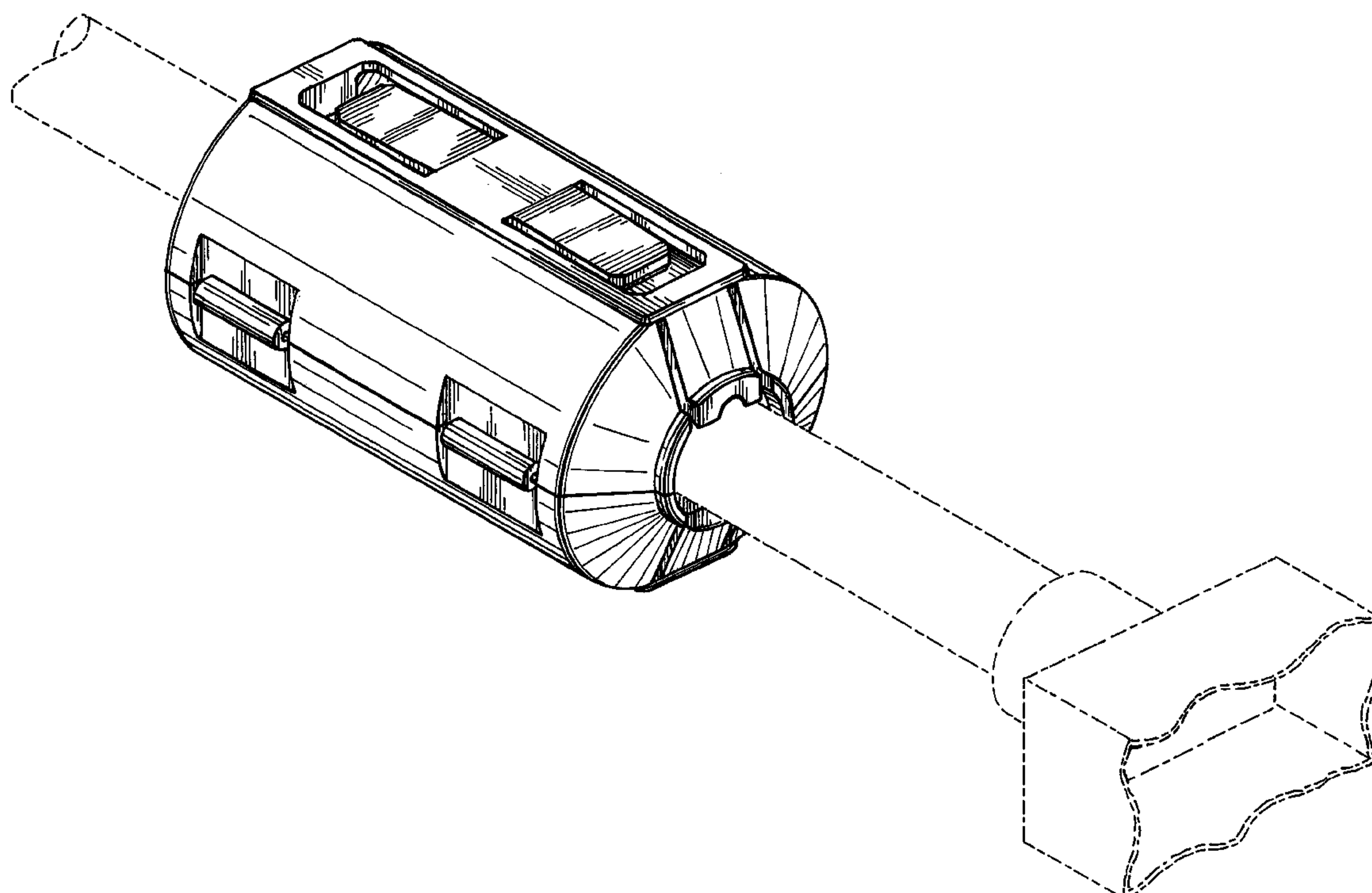
The broken line showing in FIG. 11 is for illustrative purposes only and forms no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,972,167 A * 11/1990 Fujioka 336/92
5,355,109 A * 10/1994 Yamazaki 336/92
5,900,796 A * 5/1999 Parker 336/92
5,942,964 A * 8/1999 Takeuchi 336/92
6,078,241 A * 6/2000 Watanabe et al. 336/92
6,285,265 B1 * 9/2001 Morita et al. 333/12
6,515,230 B1 * 2/2003 Hirakawa et al. 174/92
6,559,748 B1 * 5/2003 Nakano 336/176

1 Claim, 6 Drawing Sheets



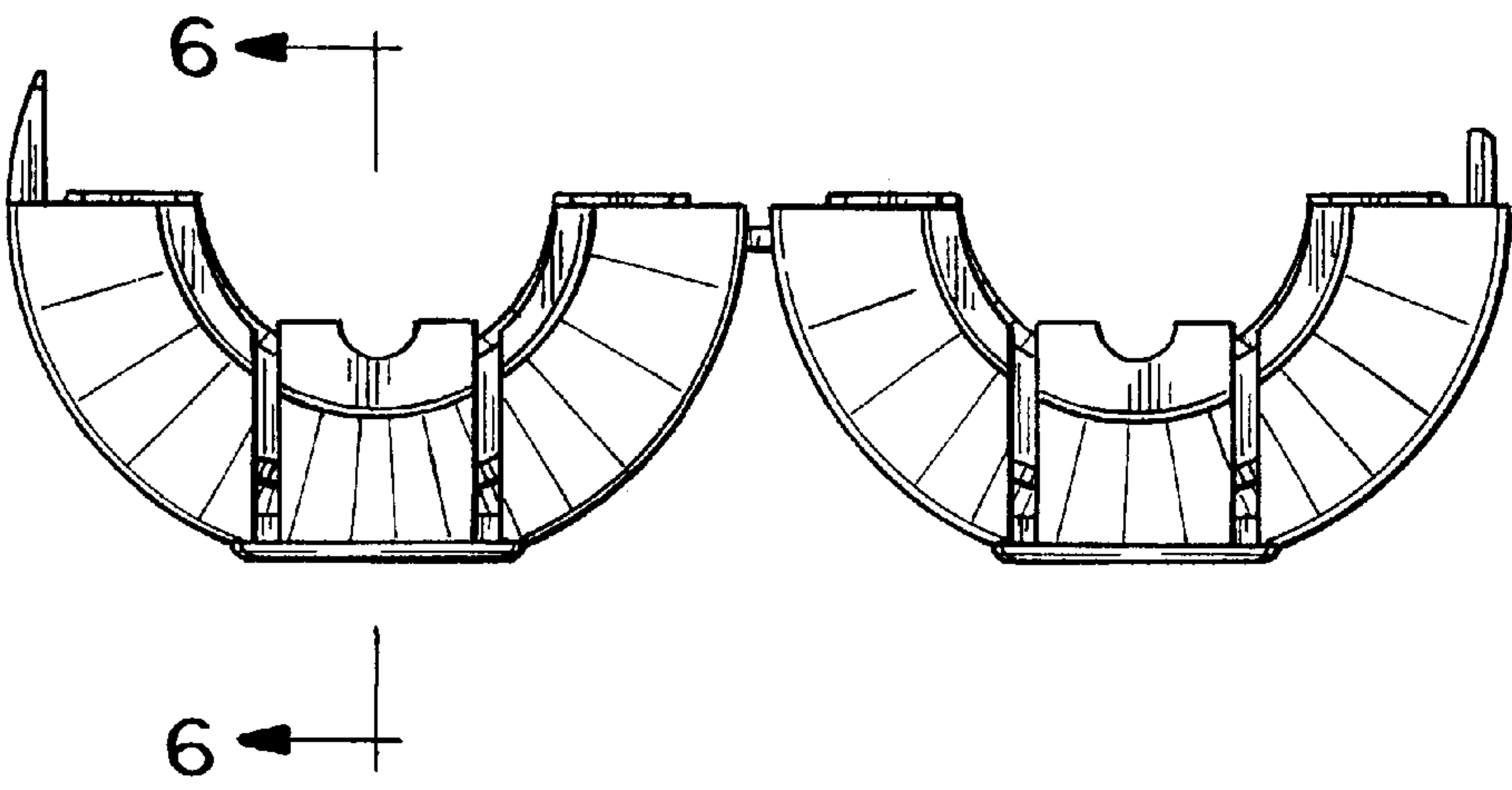


FIG. 1

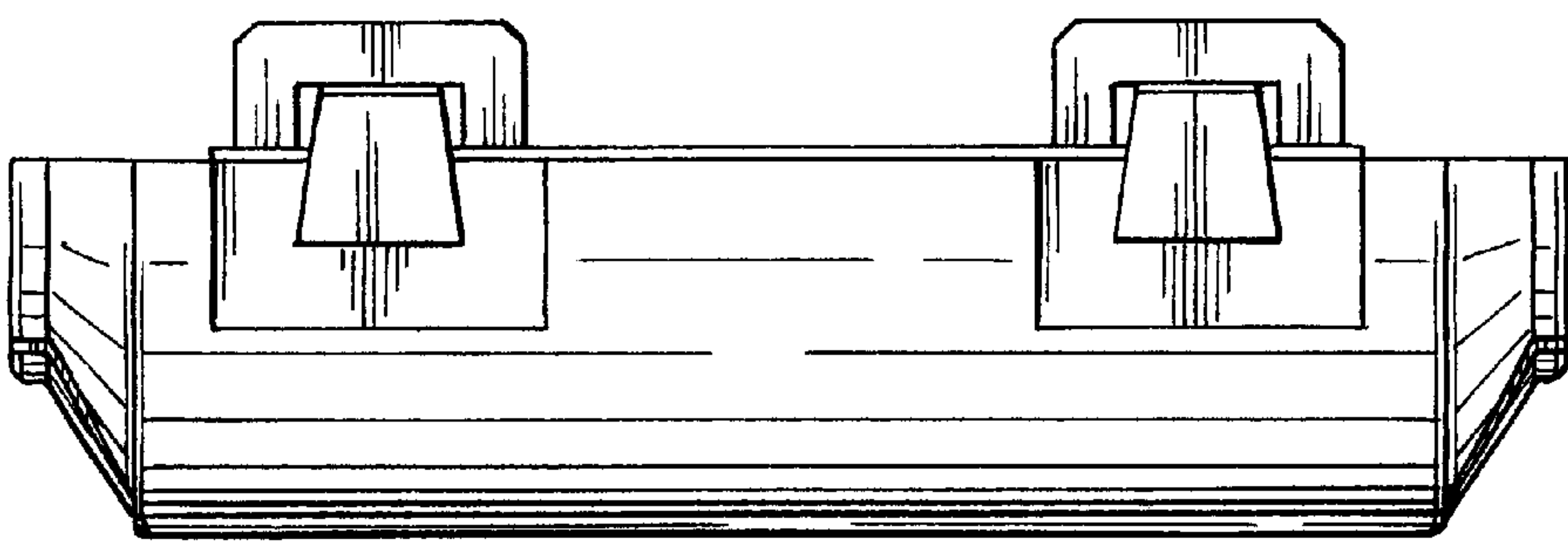


FIG. 2

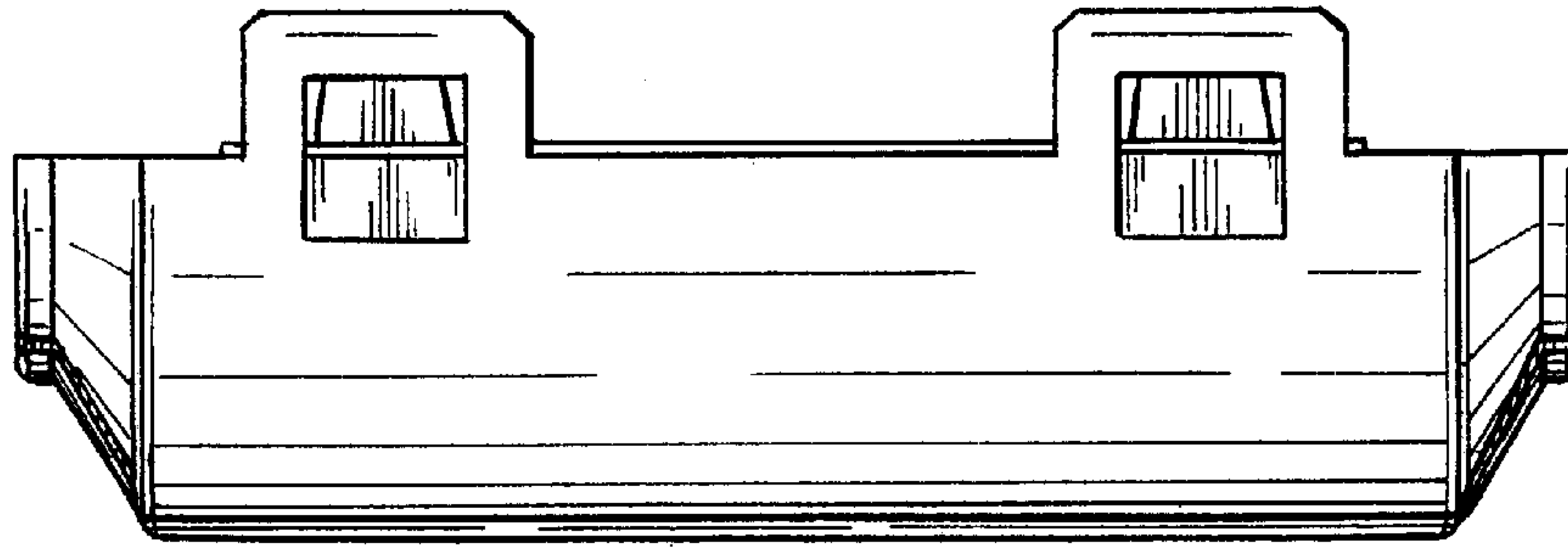


FIG. 3

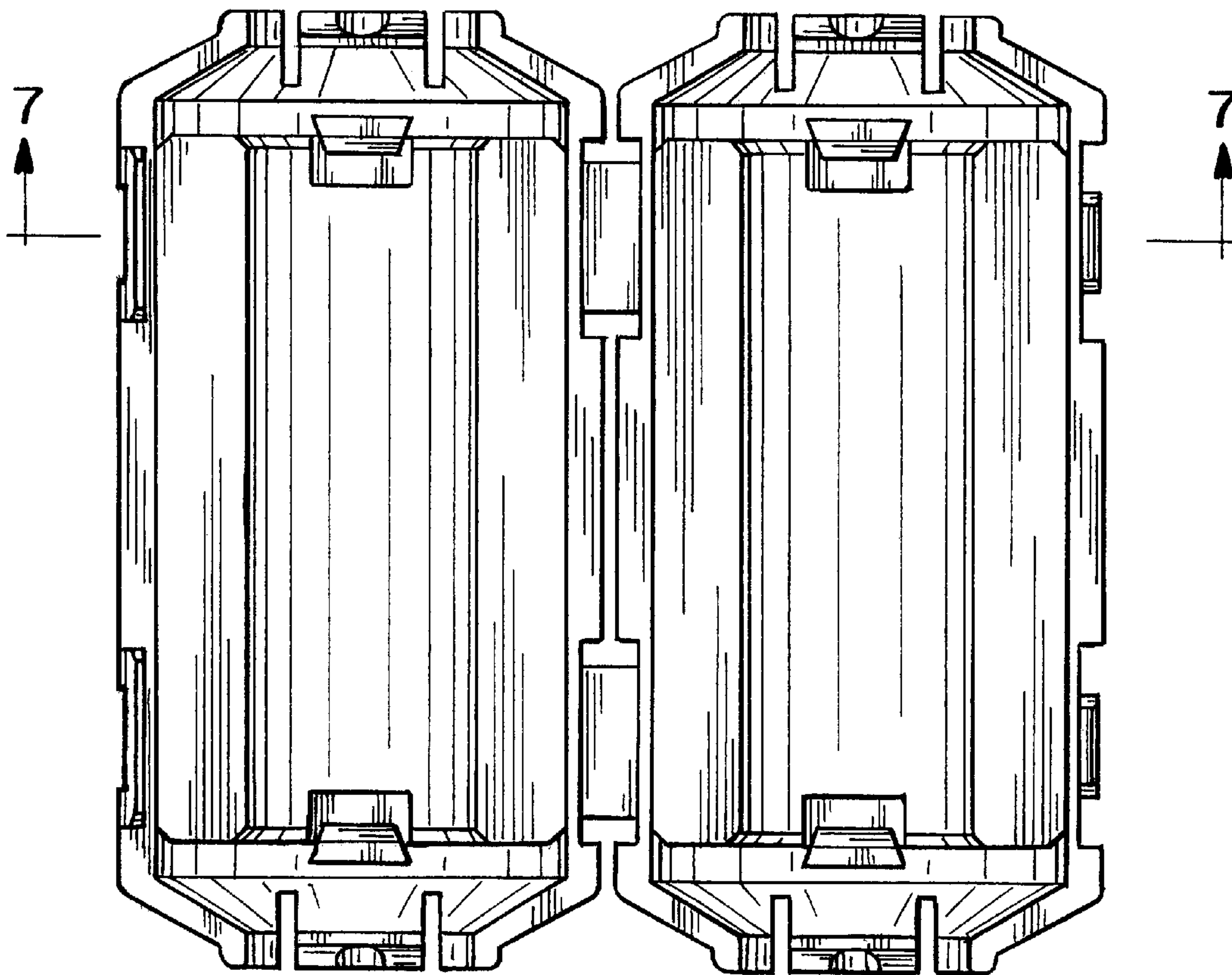


FIG. 4

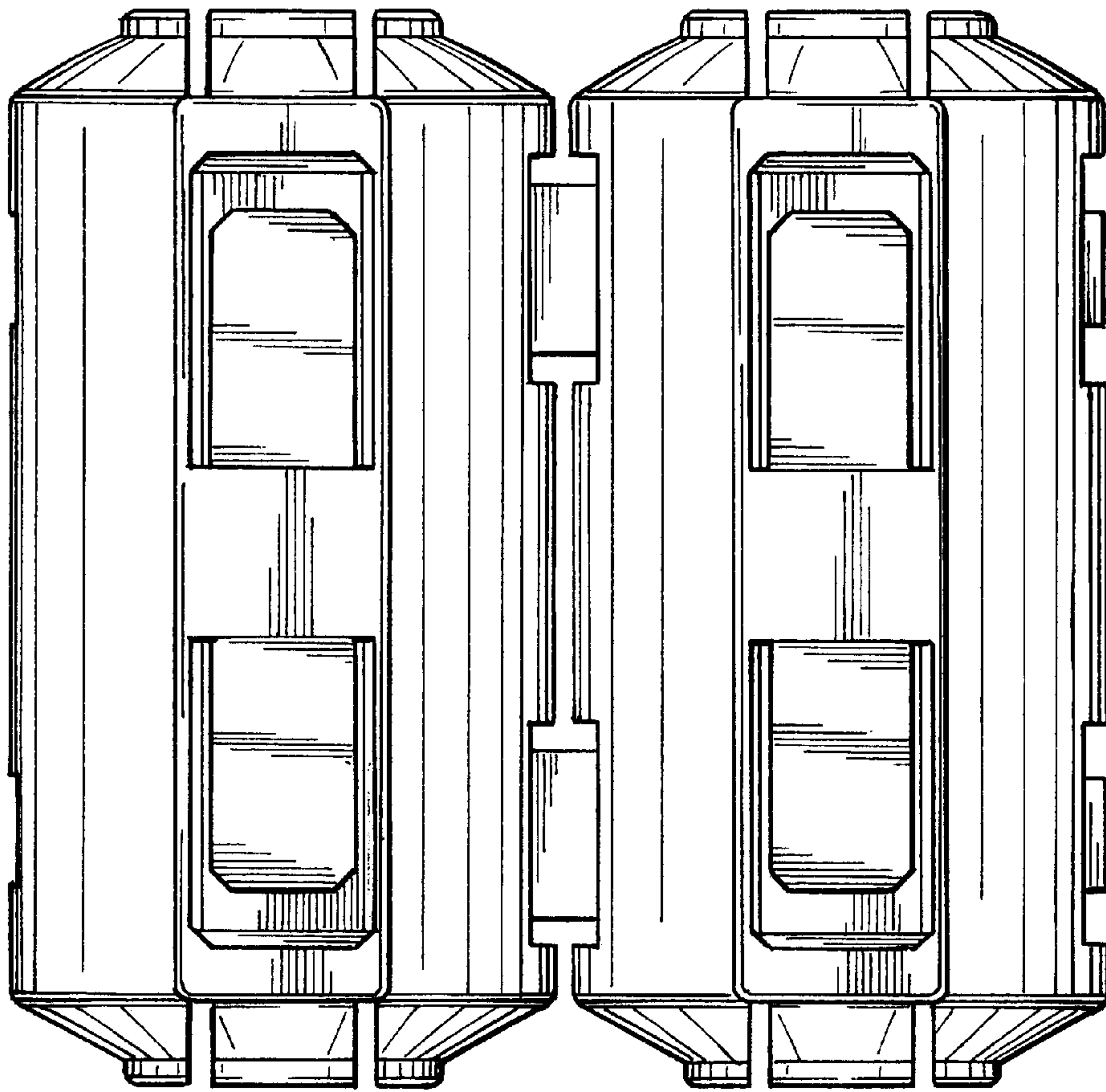


FIG. 5

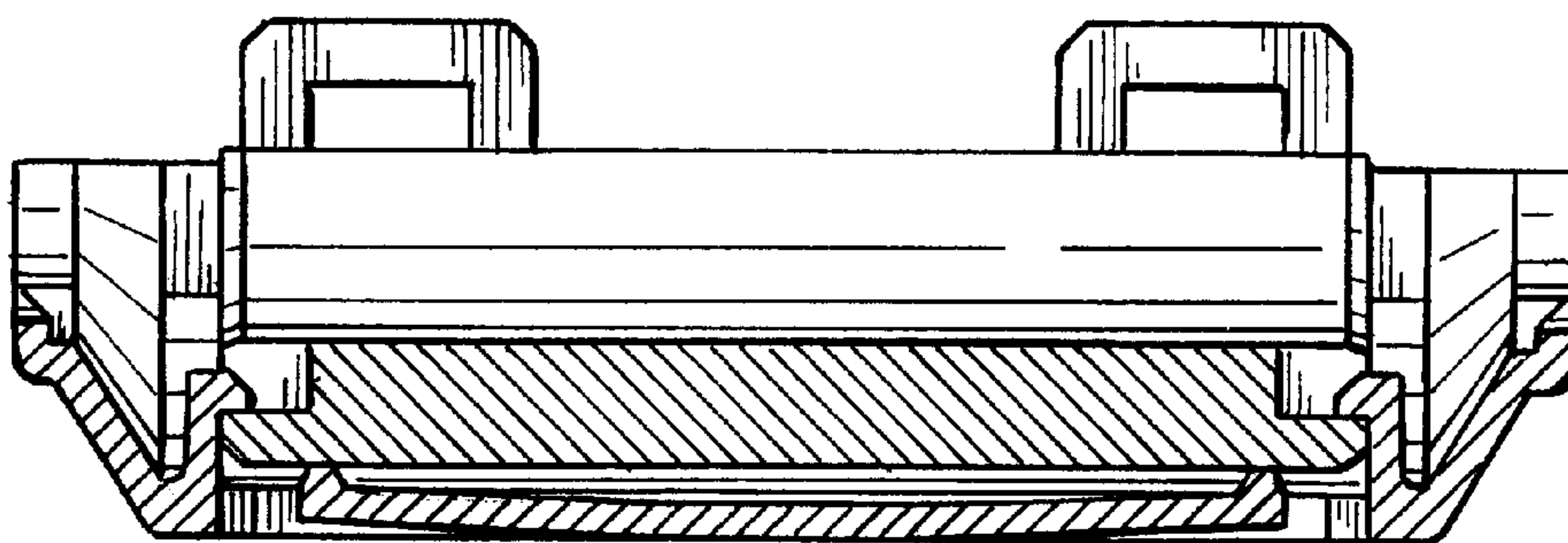


FIG. 6

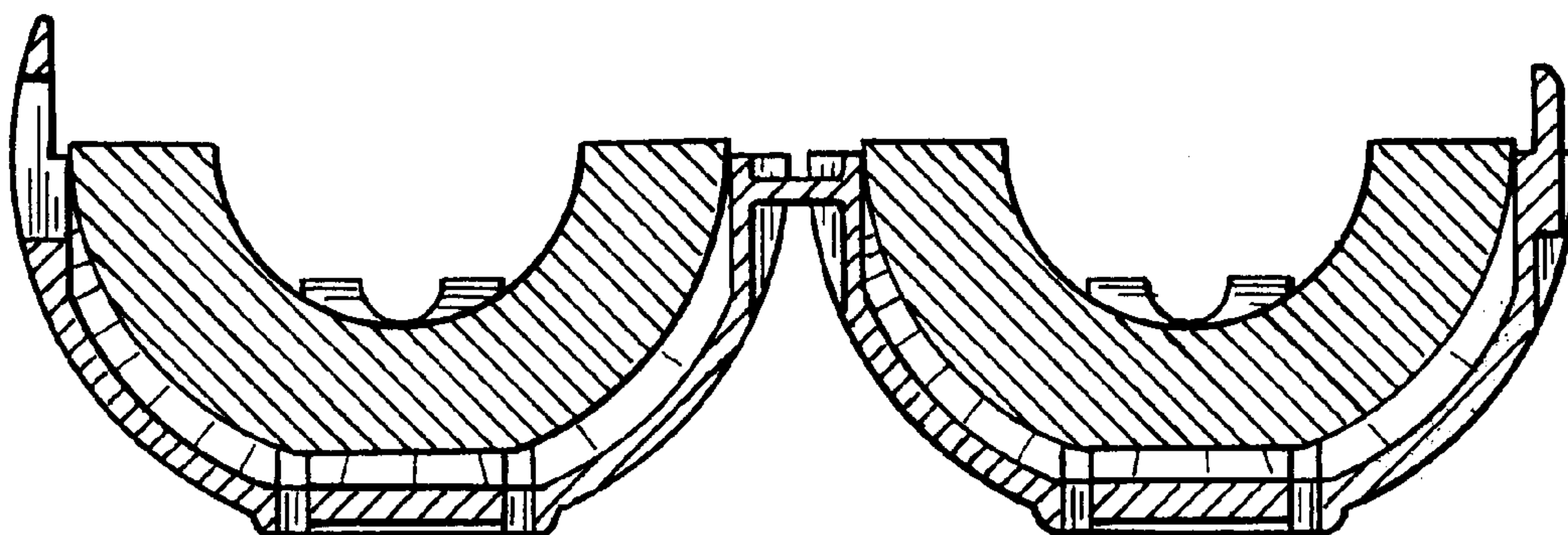


FIG. 7

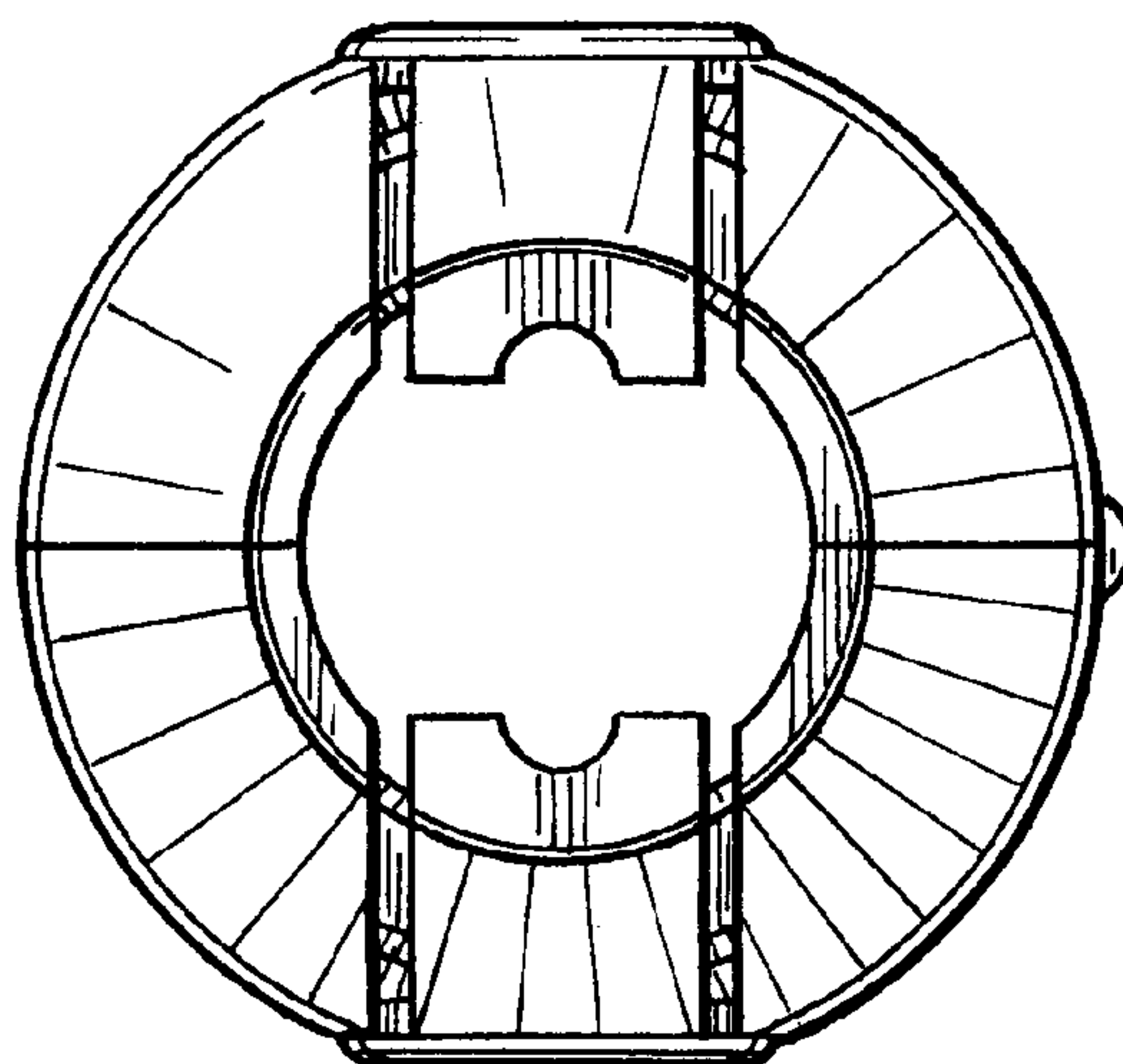


FIG. 8

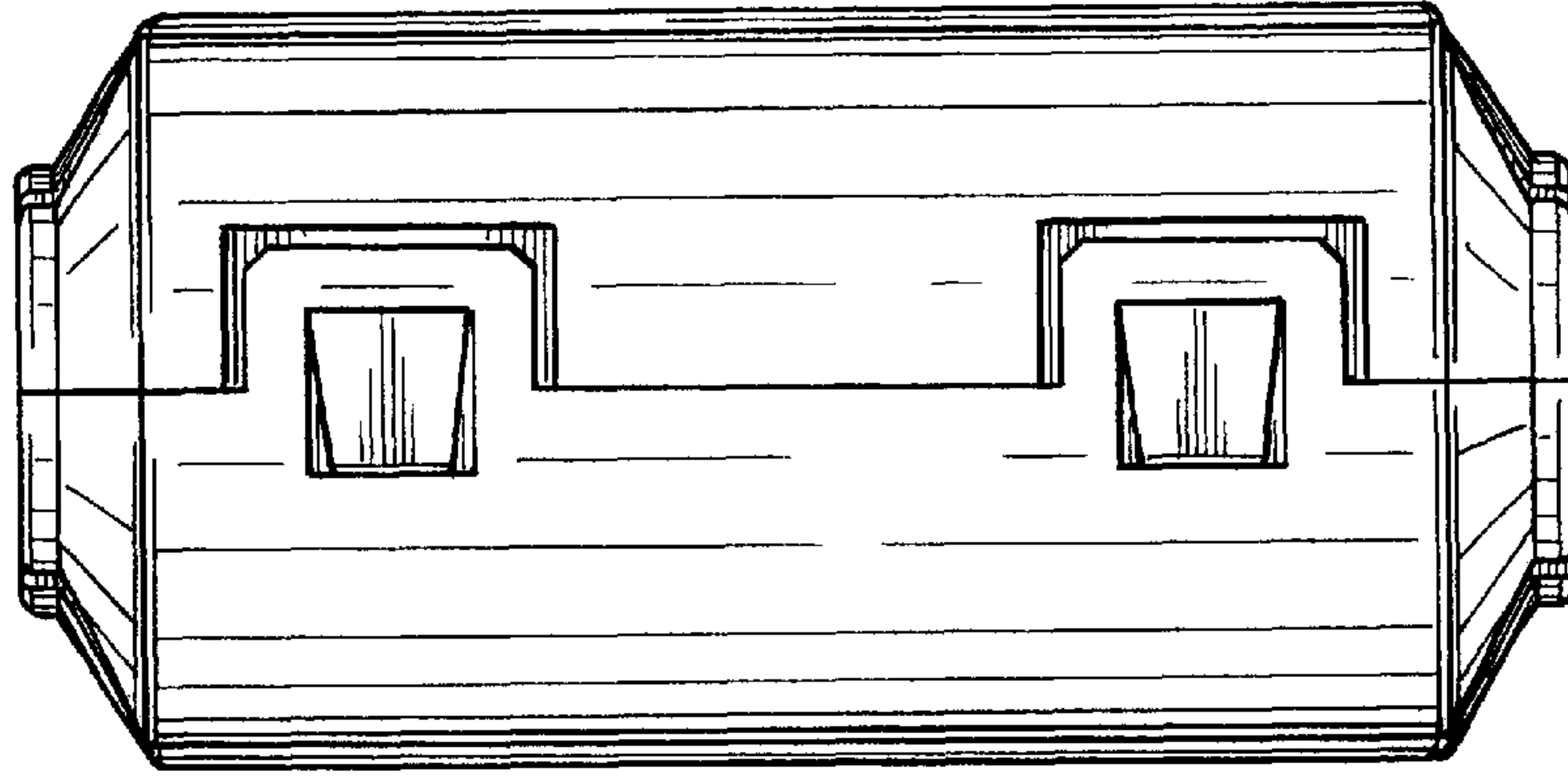


FIG. 9

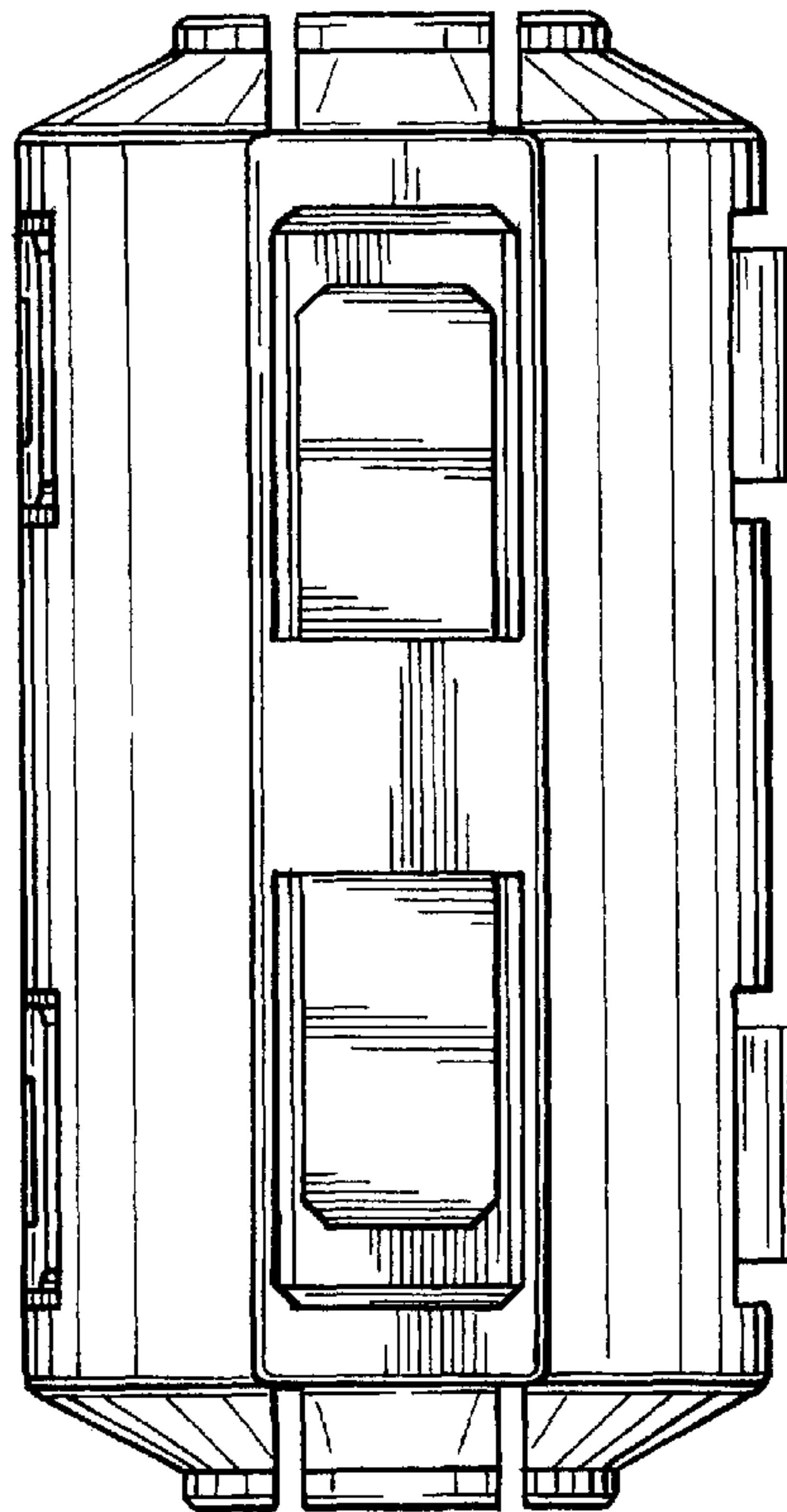


FIG. 10

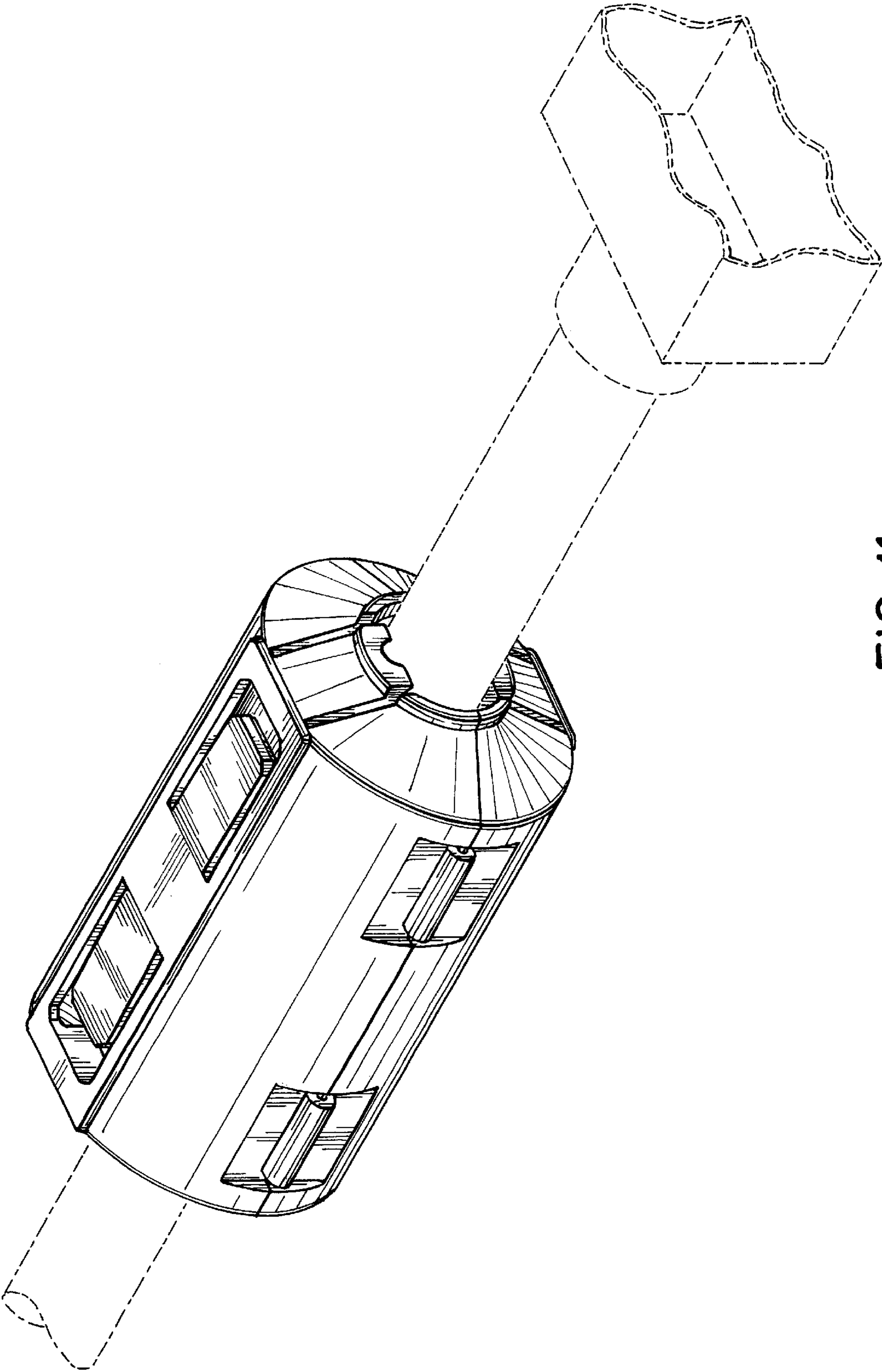


FIG. 11