



US00D690748S

(12) **United States Design Patent**  
**Hosmer**

(10) **Patent No.:** **US D690,748 S**  
(45) **Date of Patent:** **\*\* Oct. 1, 2013**

(54) **BEARING CAGE**

**DESCRIPTION**

- (71) Applicant: **Baldor Electric Company**, Fort Smith, AR (US)
- (72) Inventor: **Christopher E. Hosmer**, Greer, SC (US)
- (73) Assignee: **Baldor Electric Company**, Fort Smith, AK (US)
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/451,043**
- (22) Filed: **Mar. 27, 2013**

**Related U.S. Application Data**

- (63) Continuation of application No. 12/632,434, filed on Dec. 7, 2009, now Pat. No. 8,408,808.
- (51) **LOC (9) Cl.** ..... **15-09**
- (52) **U.S. Cl.**  
USPC ..... **D15/143; D15/123**
- (58) **Field of Classification Search**  
USPC ..... D15/123, 143, 199; 29/481; 277/419;  
360/265.2; 384/222, 258, 273, 274, 295,  
384/300, 412, 428, 470, 523, 526, 531, 532,  
384/537, 588, 623  
See application file for complete search history.

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(57) **CLAIM**

The ornamental design of the bearing cage, as shown and described.

FIG. 1 is a first perspective view of one embodiment of a retainer of the bearing cage showing my new design, two of which may be snapped together to form a bearing cage as shown in FIGS. 12-17;

FIG. 2 is a second perspective view of the retainer of FIG. 1;

FIG. 3 is a third perspective view of the retainer of FIG. 1;

FIG. 4 is a top view of the retainer of FIG. 1 with latches and socket portions of the retainer in view;

FIG. 5 is a bottom view (i.e., a view opposite that of FIG. 4) of the retainer portion of FIG. 1 with annular inner and outer side edges of the retainer portion in view;

FIG. 6 is a left side view of the retainer portion of FIG. 1 (a right side view is not shown being a mirror image of the view of FIG. 6);

FIG. 7 is a front view of the retainer portion of FIG. 1 (a rear view is not shown being a mirror image of view of FIG. 7);

FIG. 8 is an enlarged sectional view of a latch and a socket portion of the retainer portion of FIG. 1 taken from detail area 8-8 of FIG. 4;

FIG. 9 is a side cross-sectional view of the retainer portion of FIG. 1 taken along lines 9-9 of FIG. 4;

FIG. 10 is an enlarged cross-sectional view of a latch and a spoke from detail area 10-10 of FIG. 9;

FIG. 11 is an enlarged cross-sectional view of a latch and socket taken along lines 11-11 of FIG. 4;

FIG. 12 shows two like retainer portions brought into register to form the bearing cage of my new design;

FIG. 13 is a plan view of the cage of FIG. 12 with two retainer portions as shown in FIG. 1 assembled together (the view from the opposite side being identical);

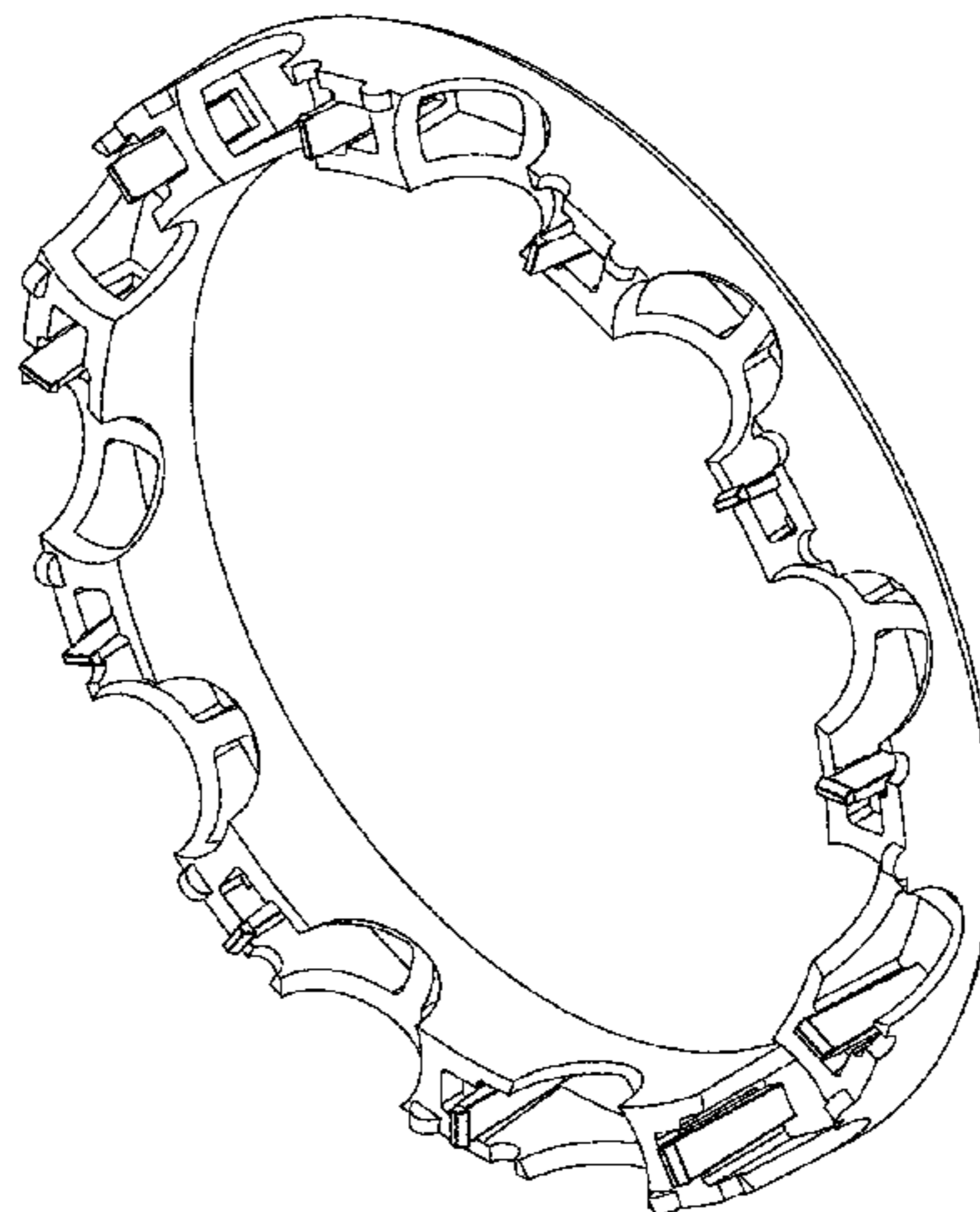
FIG. 14 is an enlarged cross-sectional view of engaged retainer portions taken along lines 14-14 of FIG. 13;

FIG. 15 is an enlarged cross-sectional view of engaged retainer portions taken along lines 15-15 of FIG. 13;

FIG. 16 is a left side view of the bearing cage of FIG. 12 (a right side view is not shown being a mirror image of the view of FIG. 16); and,

FIG. 17 is a front view of the bearing cage of FIG. 12 (a rear view is not shown being a mirror image of view of FIG. 17).

**1 Claim, 10 Drawing Sheets**



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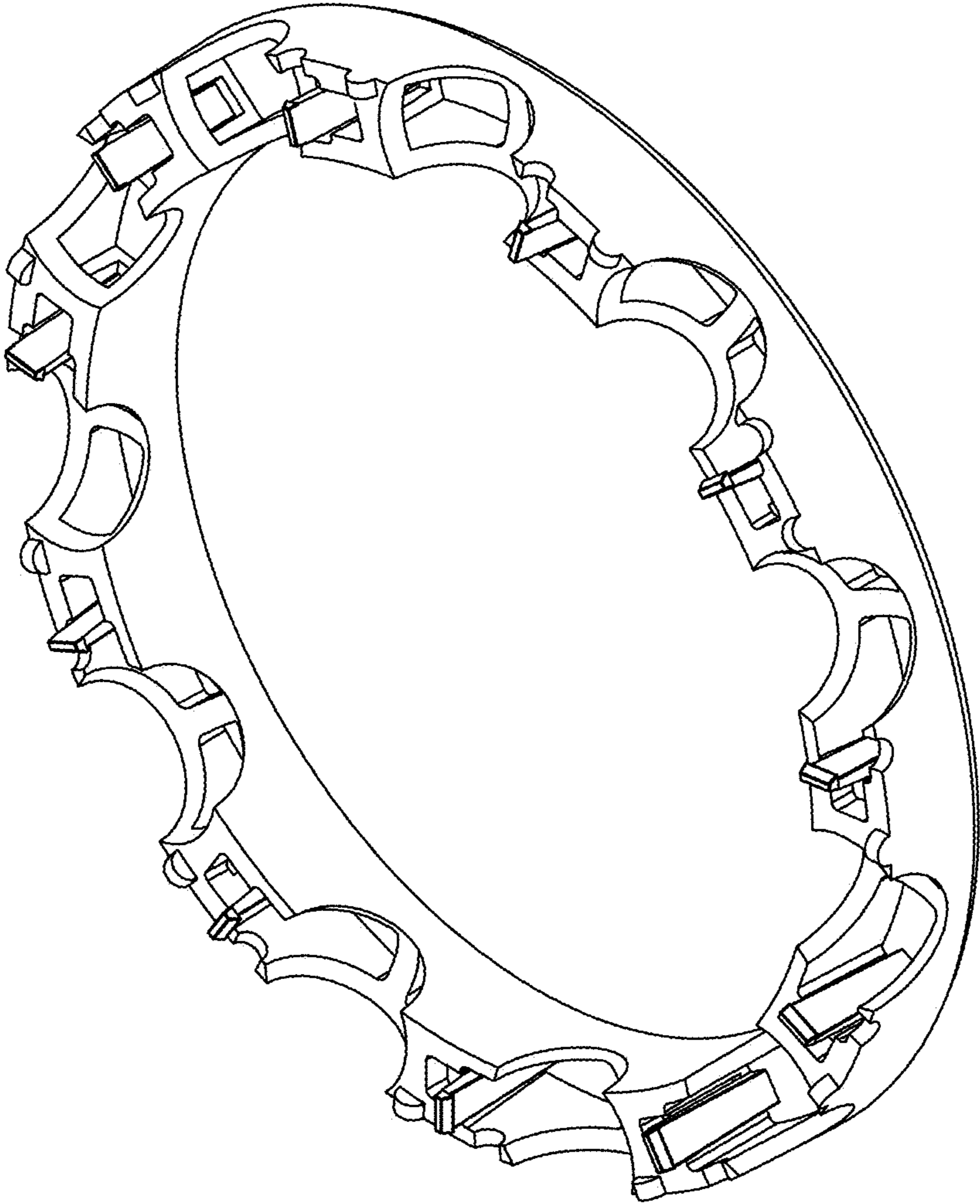
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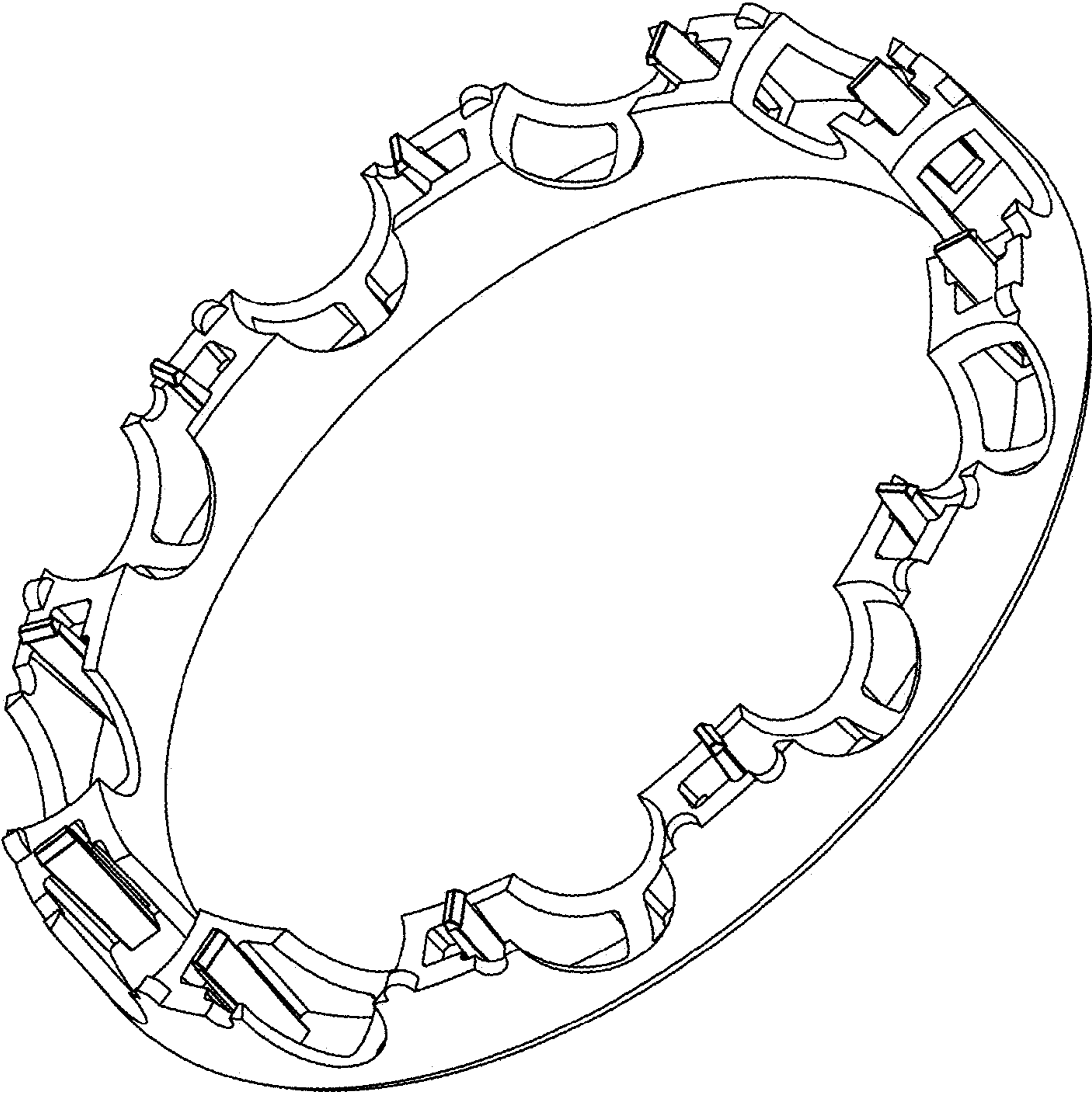
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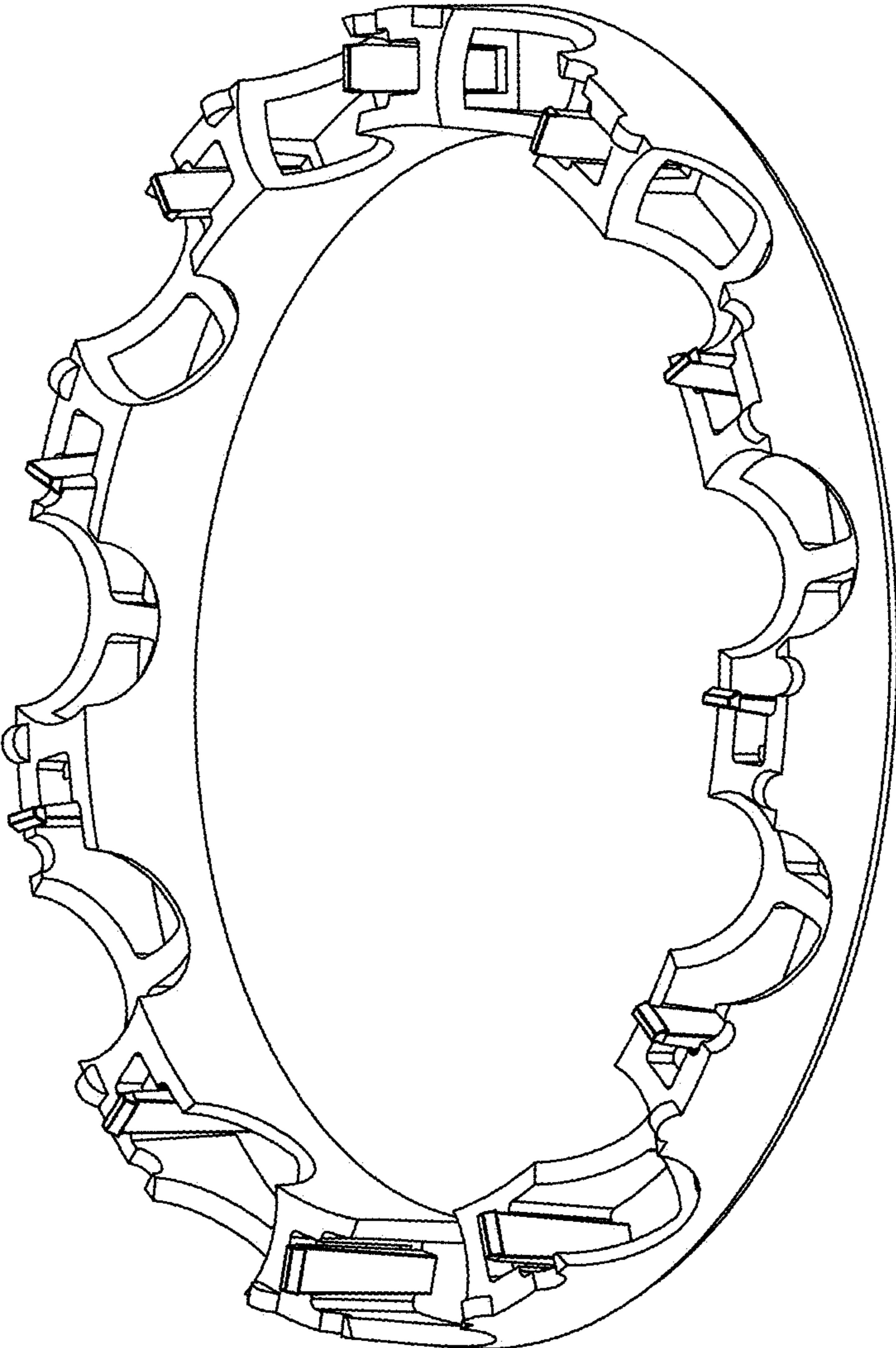
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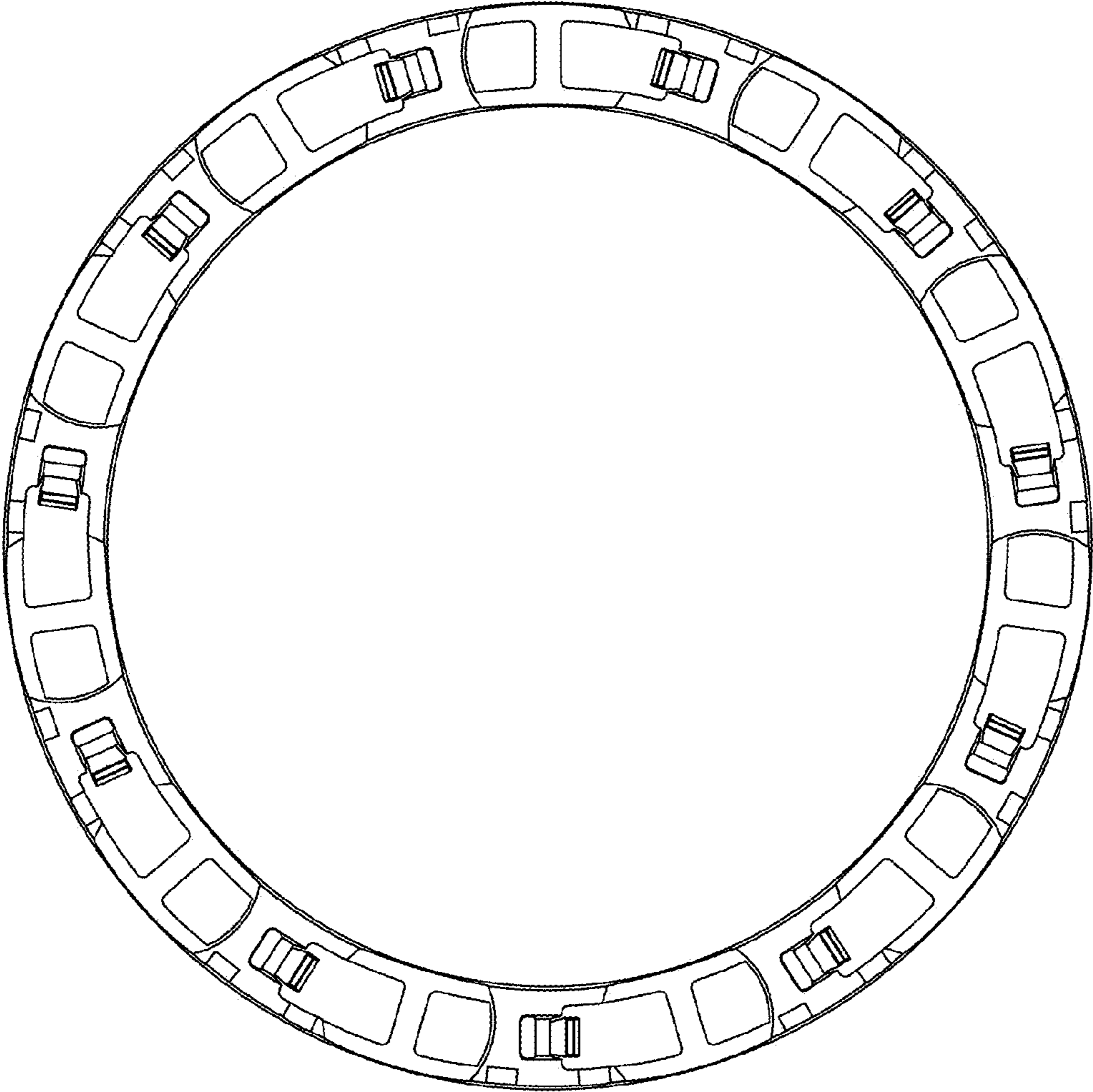
*Fig. 1*



*Fig. 2*



*Fig. 3*



*Fig. 4*

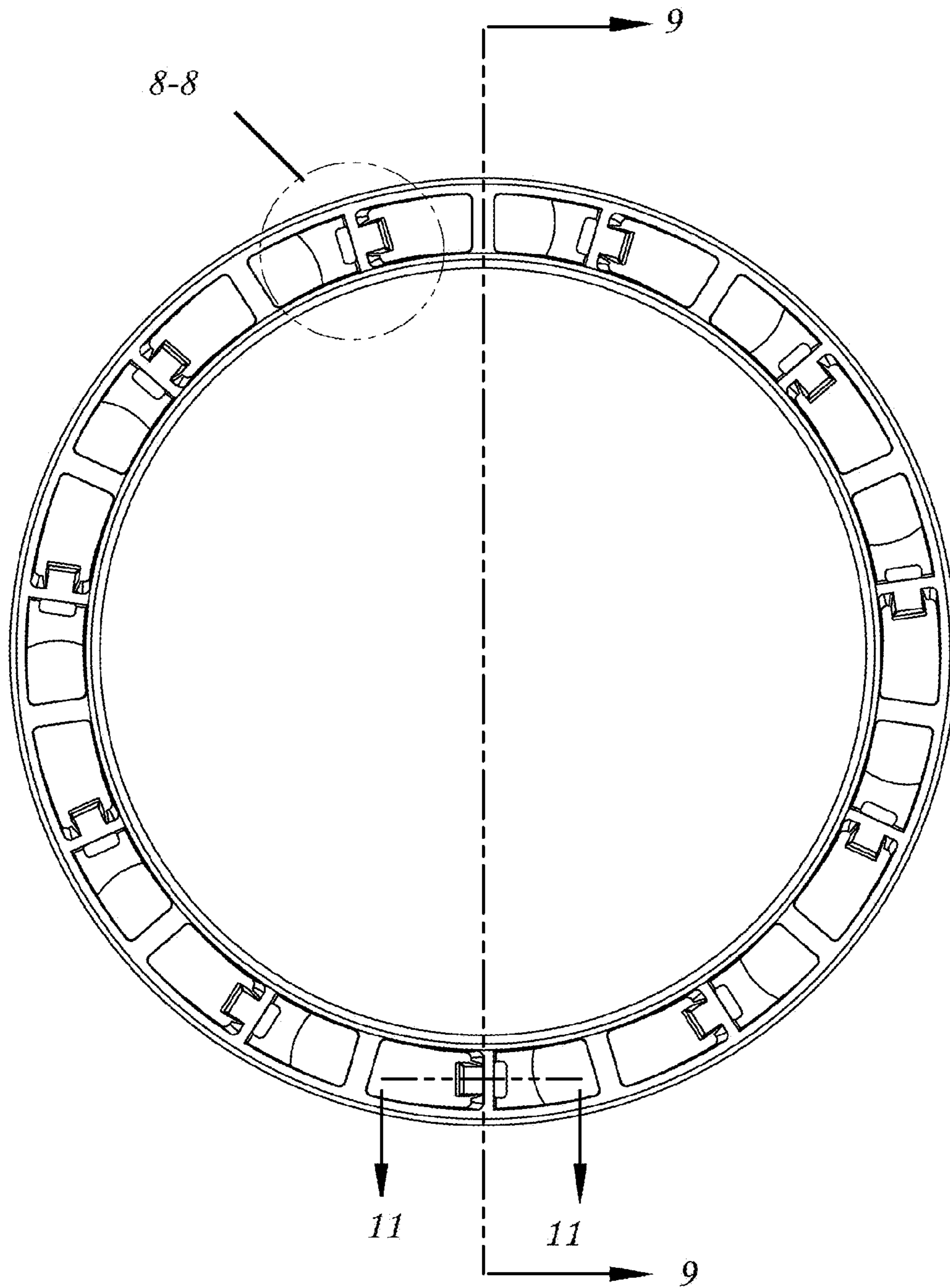
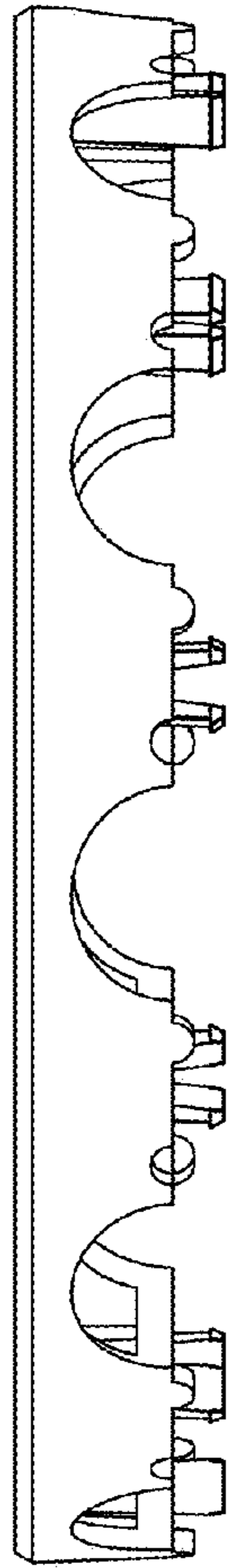
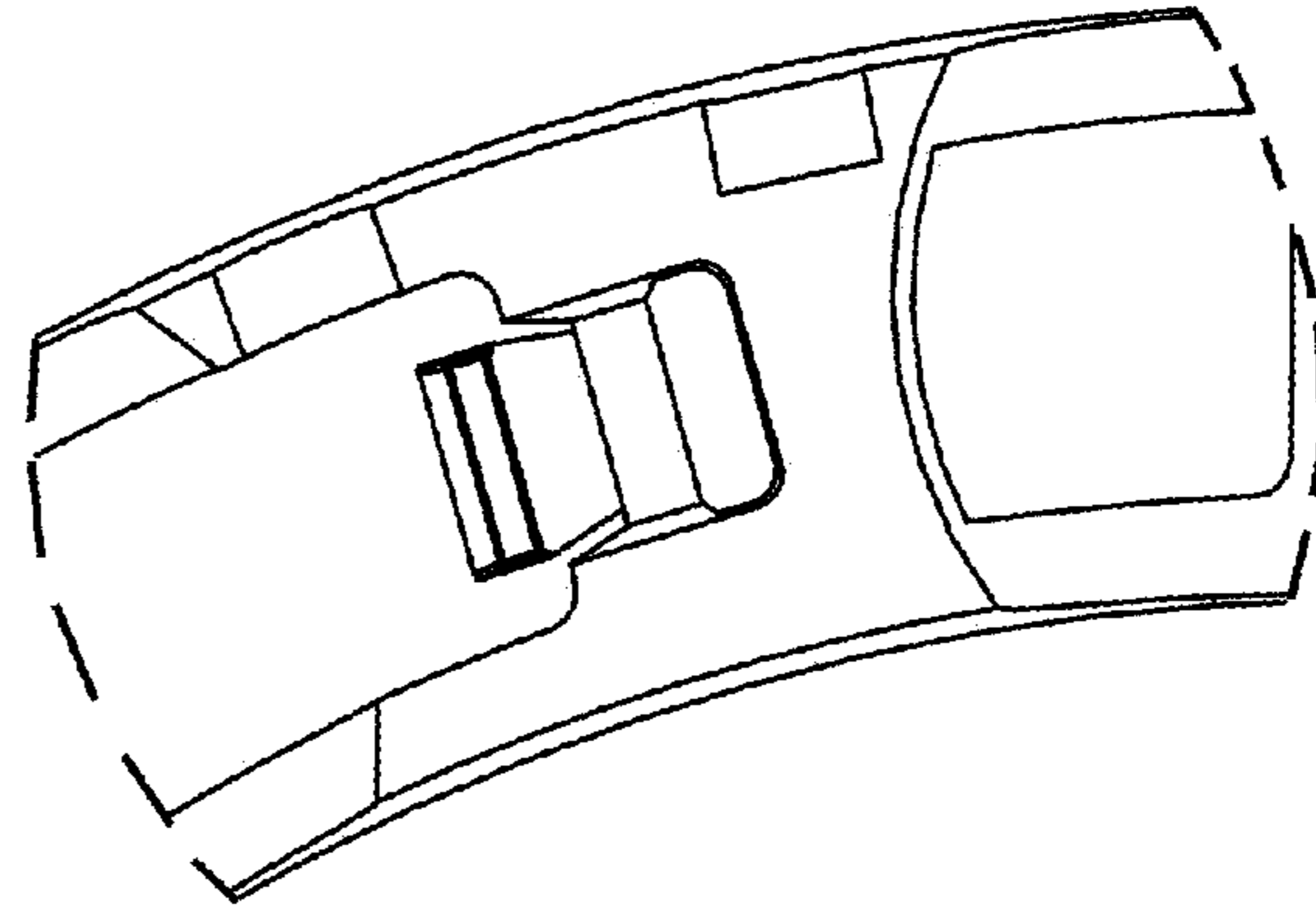


Fig. 5



*Fig. 6*

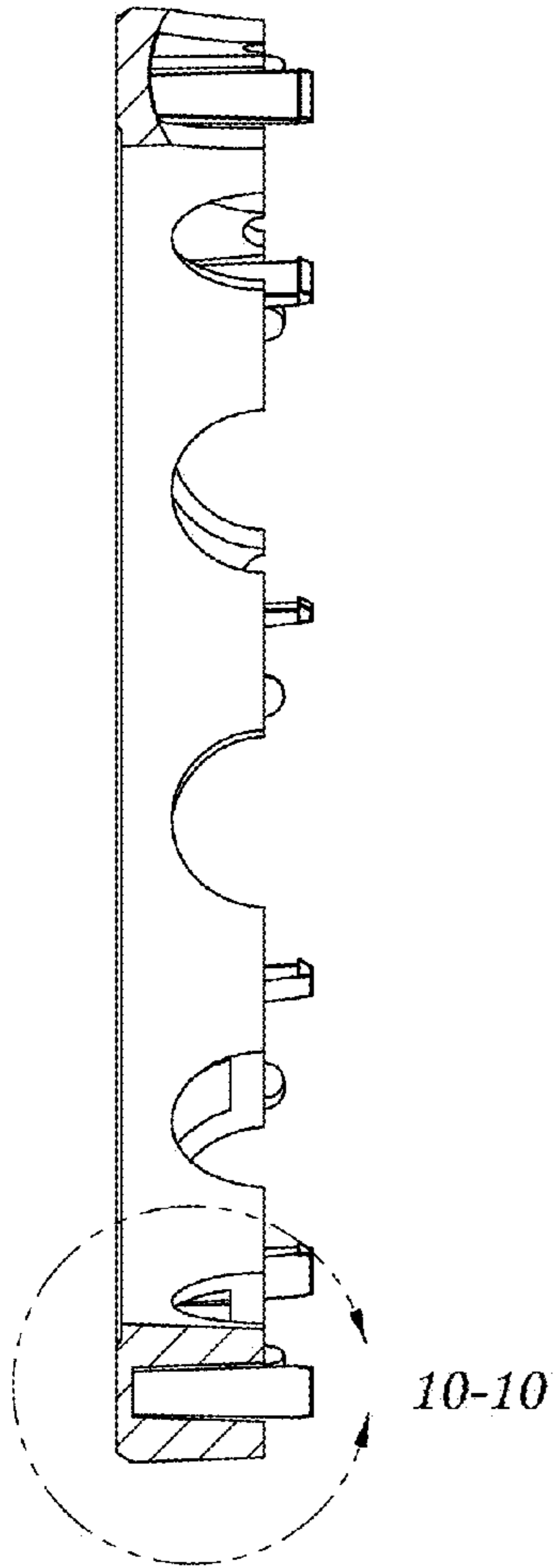


*Fig. 8*

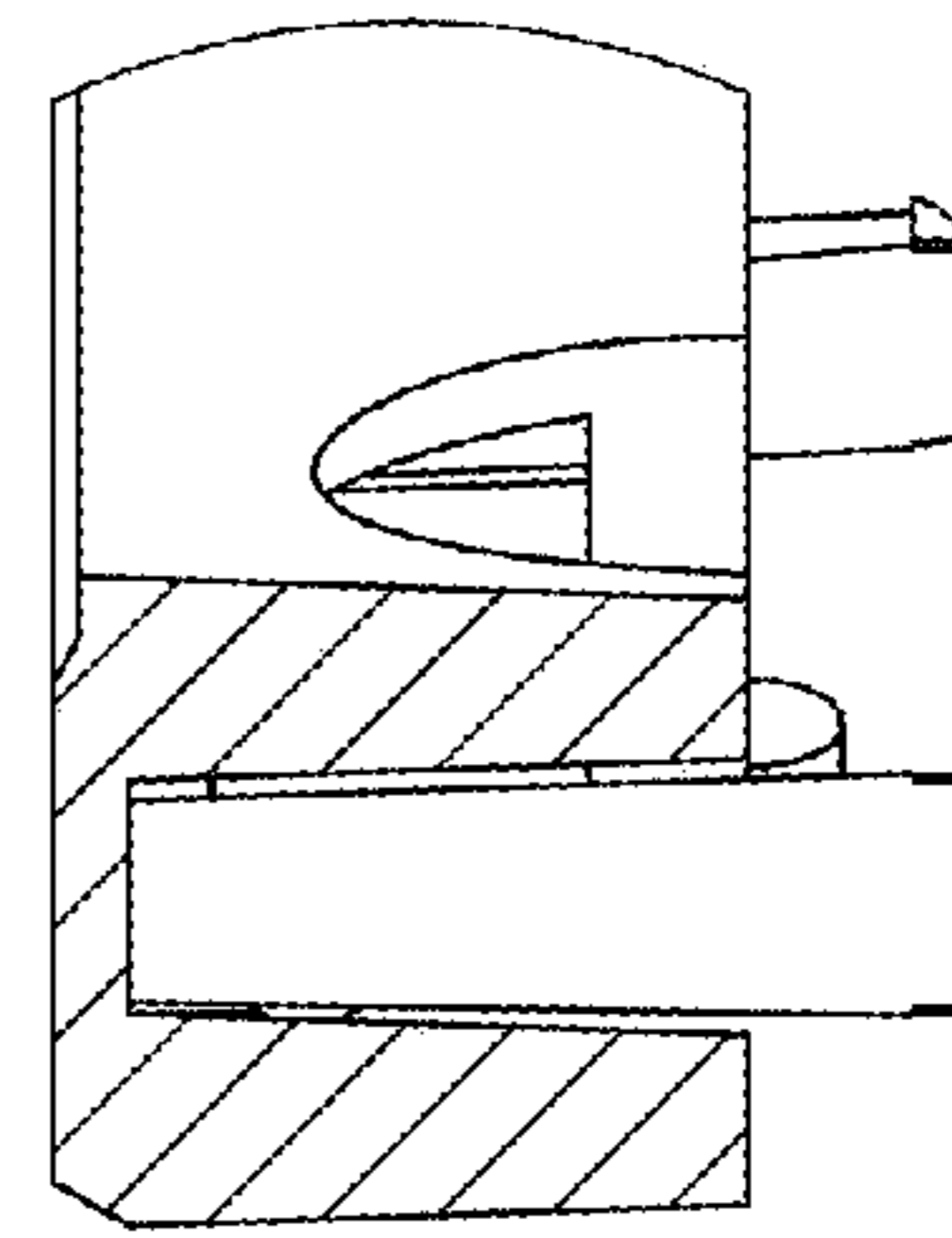


*Fig. 7*

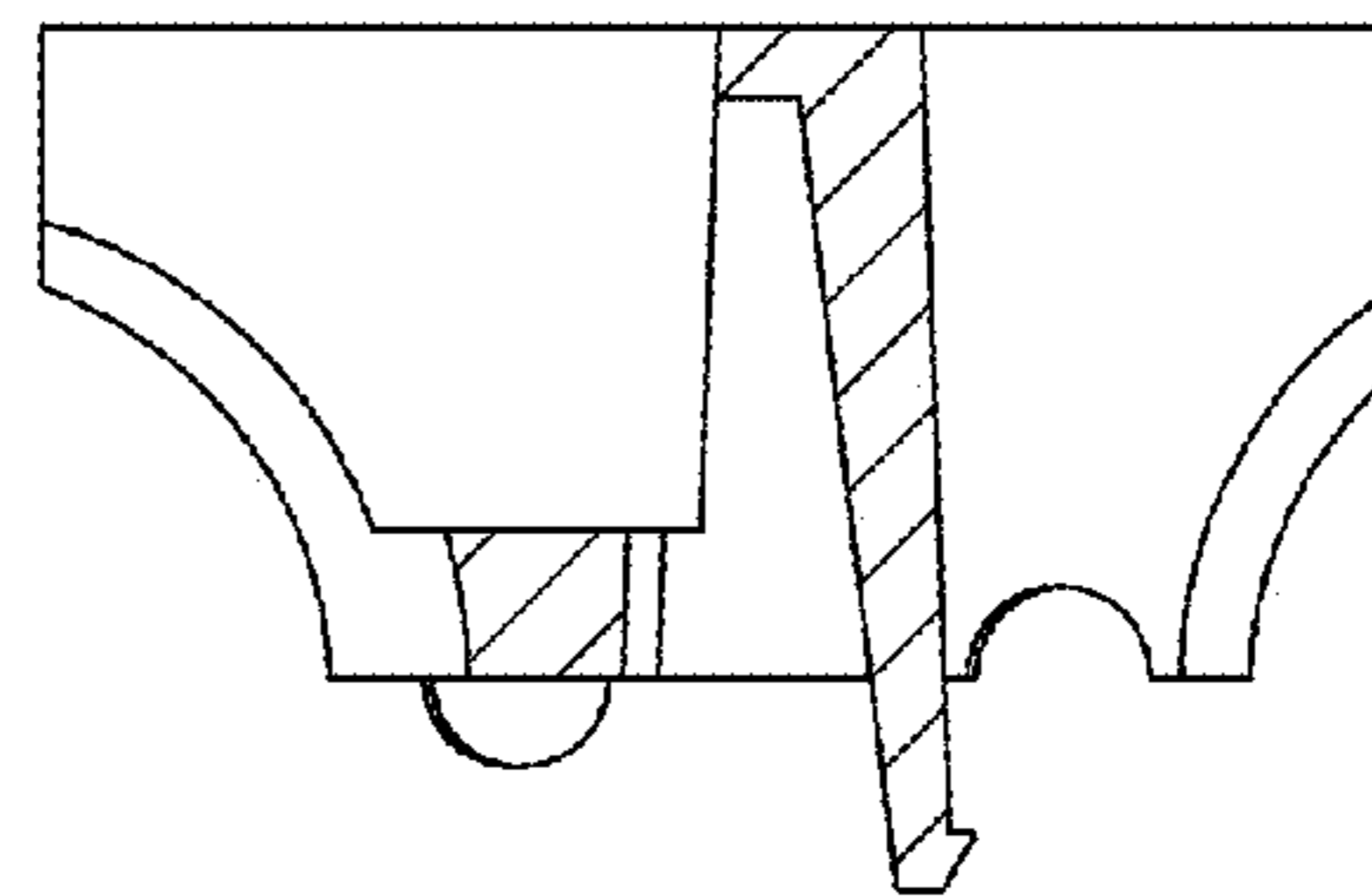




*Fig. 9*



*Fig. 10*



*Fig. 11*

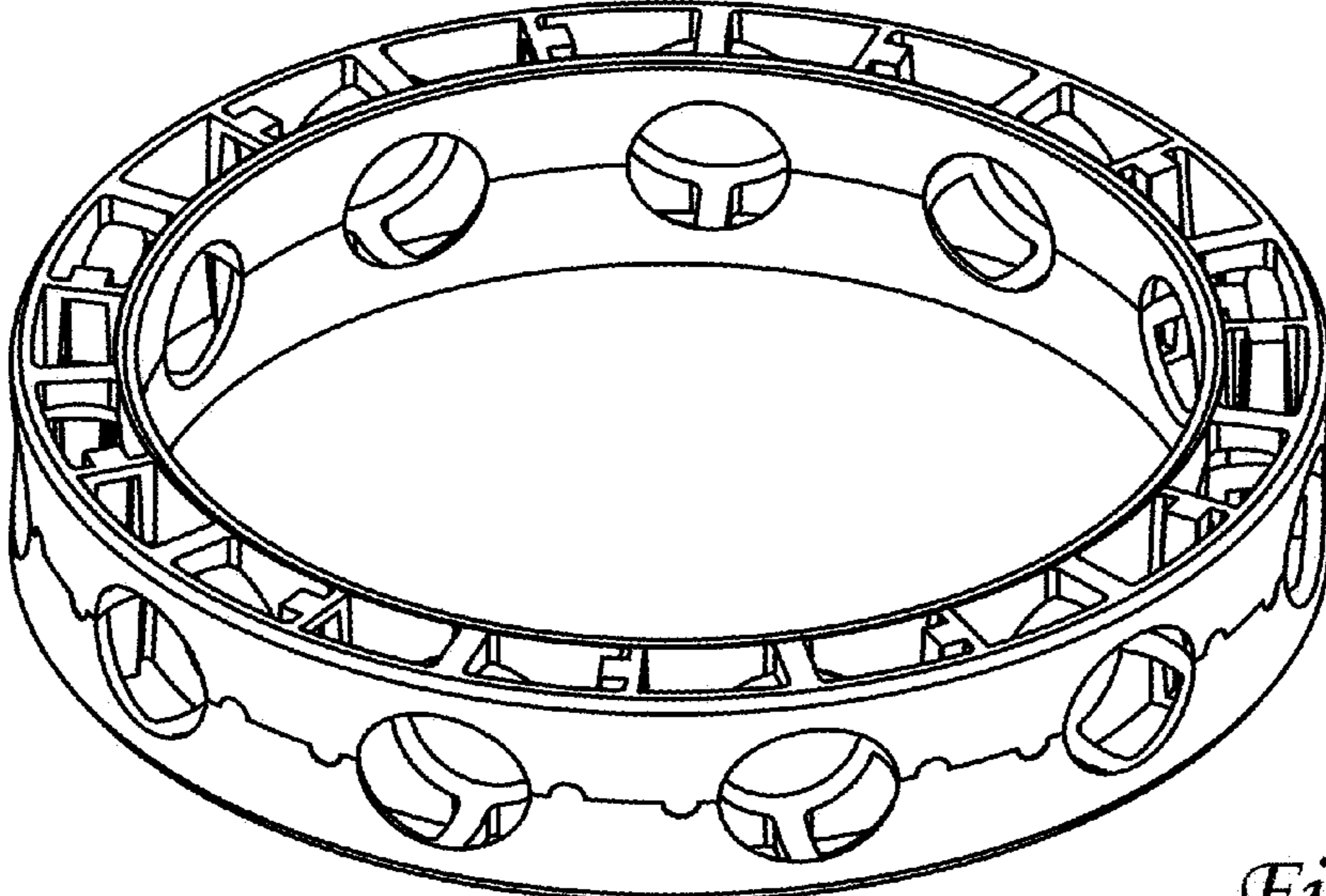


Fig. 12

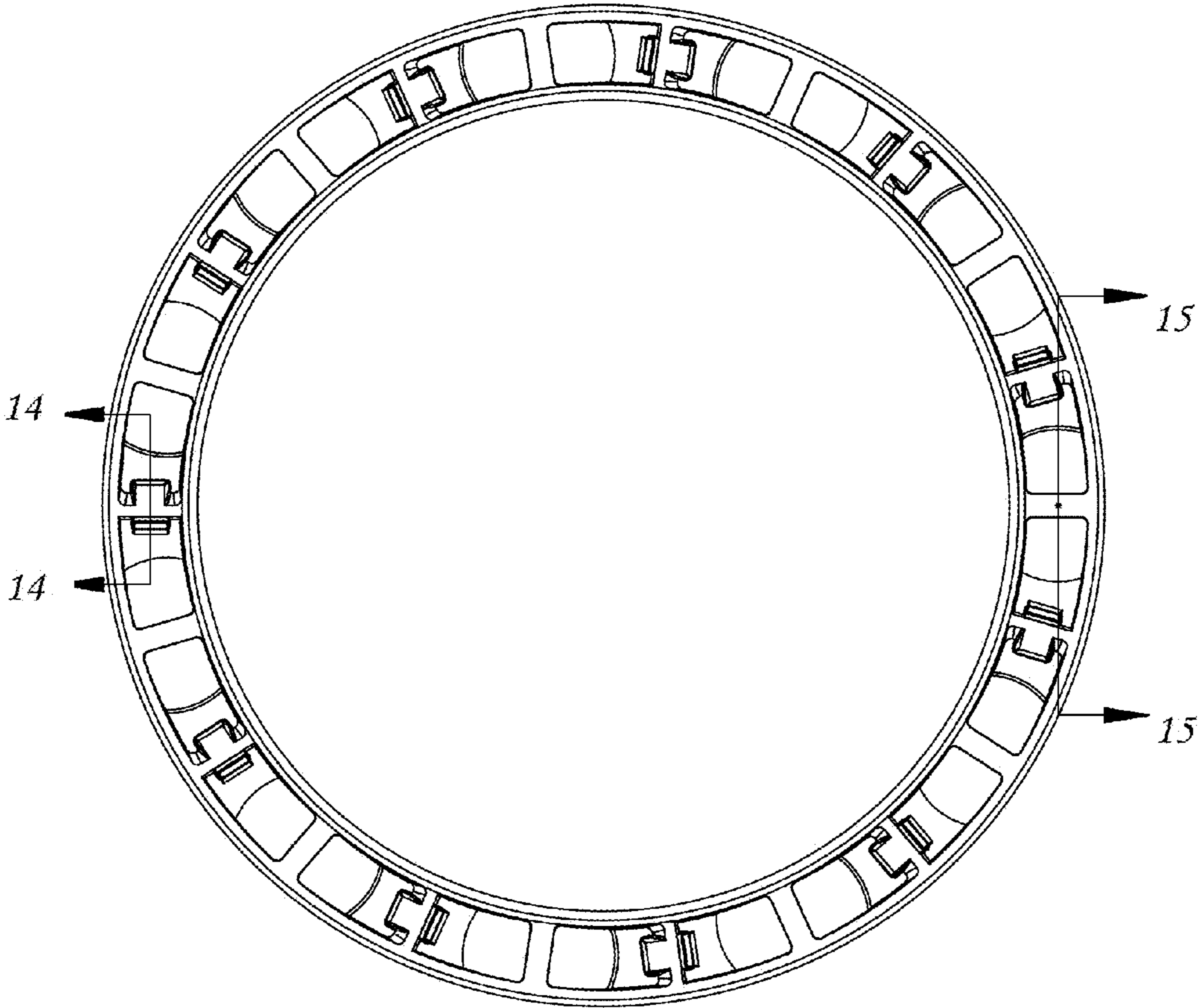
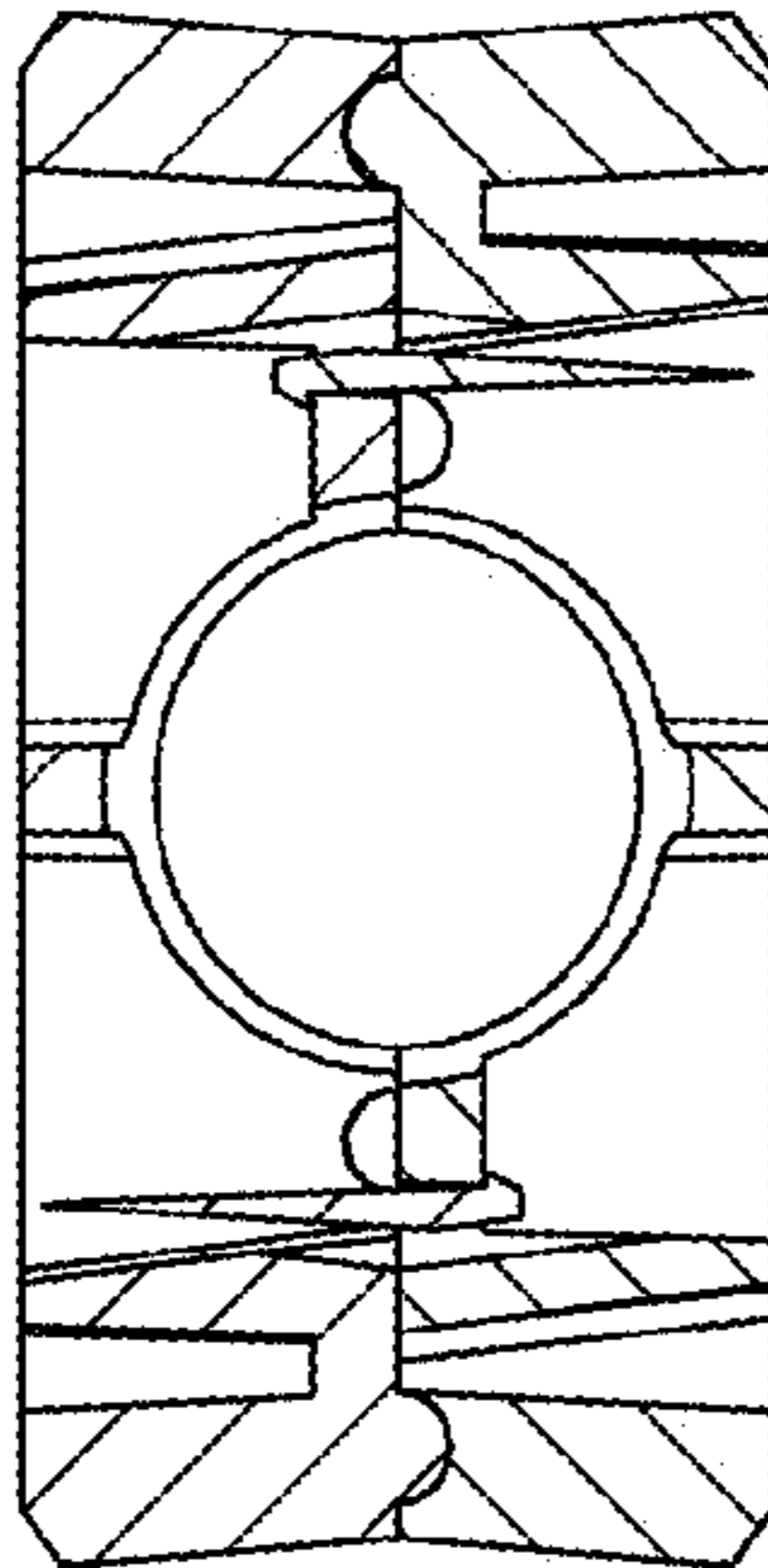
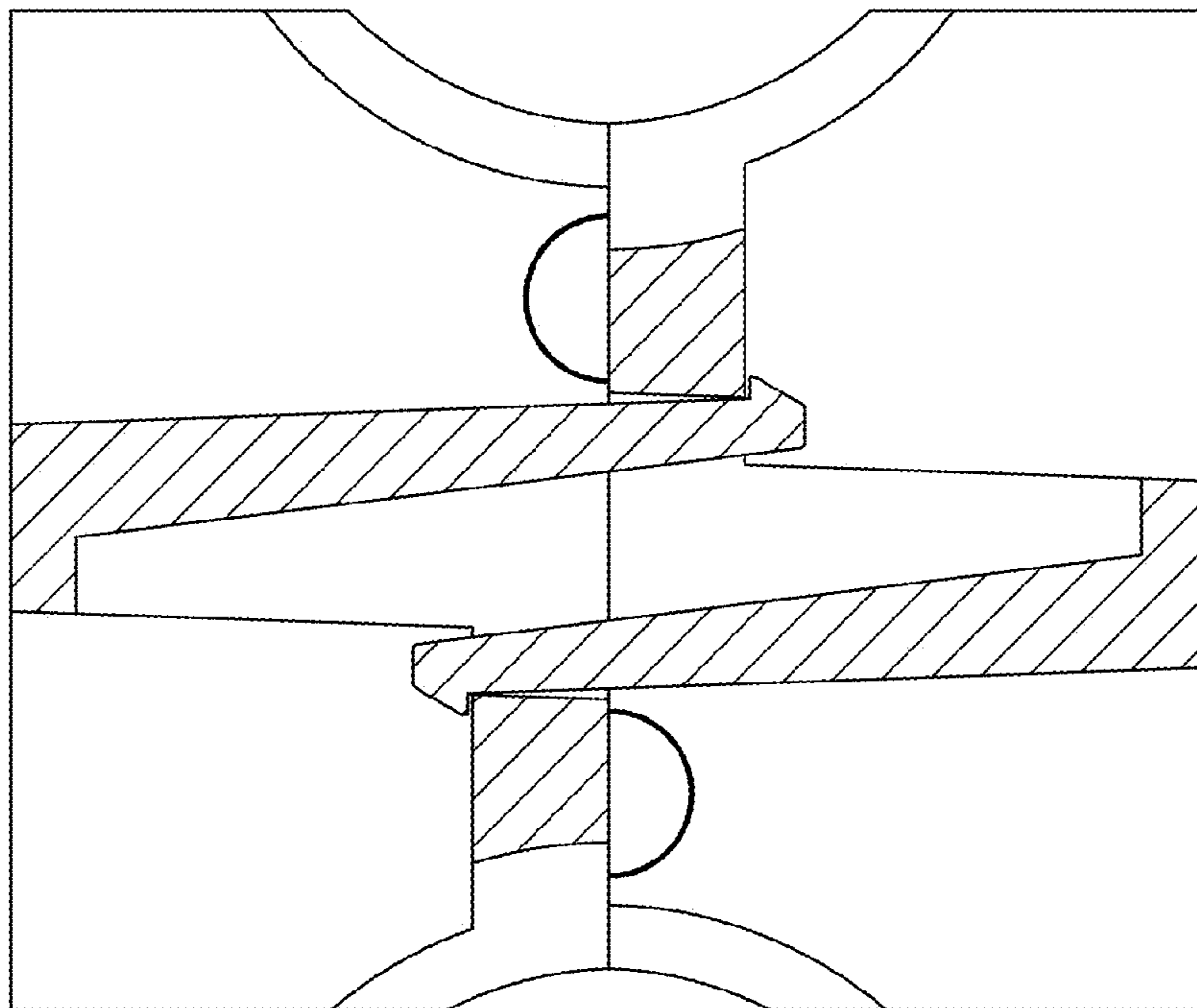


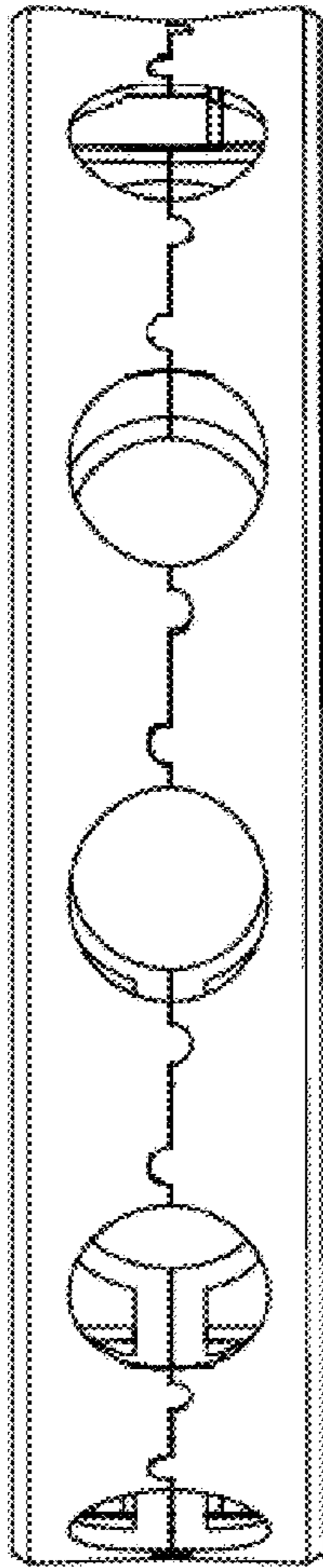
Fig. 13



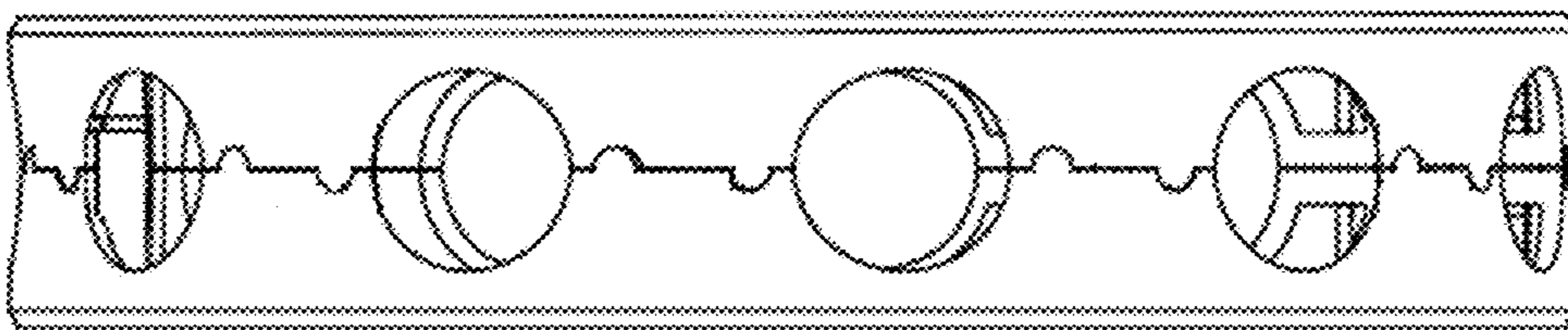
*Fig. 14*



*Fig. 15*



*Fig. 16*



*Fig. 17*