



US00D778413S

(12) **United States Design Patent** (10) **Patent No.:** **US D778,413 S**  
**Lee** (45) **Date of Patent:** **\*\* Feb. 7, 2017**

(54) **GRIP RING FOR PIPE CONNECTING DEVICE**

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

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(51) **LOC (10) Cl.** ..... **23-01**

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

(58) **Field of Classification Search**

USPC ..... D23/259–263, 264–265, 266, 269  
CPC ..... F16L 17/025; F16L 17/035; F16L 17/04;  
F16L 19/065; F16L 19/086; F16L 23/18;  
F16L 27/06; F16L 37/091; F16L 41/021;  
F16L 55/172; F16L 21/06; F16L 21/08;  
F16J 15/2418; F16J 15/3256; F16J  
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See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a grip ring for pipe connecting device, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the present design;

FIG. 2 is a front view;

FIG. 3 is a rear view;

FIG. 4 is a left side view;

FIG. 5 is a right side view;

FIG. 6 is a plan view;

FIG. 7 is a bottom view;

FIG. 8 is a cross-sectional view of section 8-8 of FIG. 2;

FIG. 9 is a section view showing the article in a position of use and a state in which a grip ring for pipe connecting device is positioned between a pipe and pipe connection device;

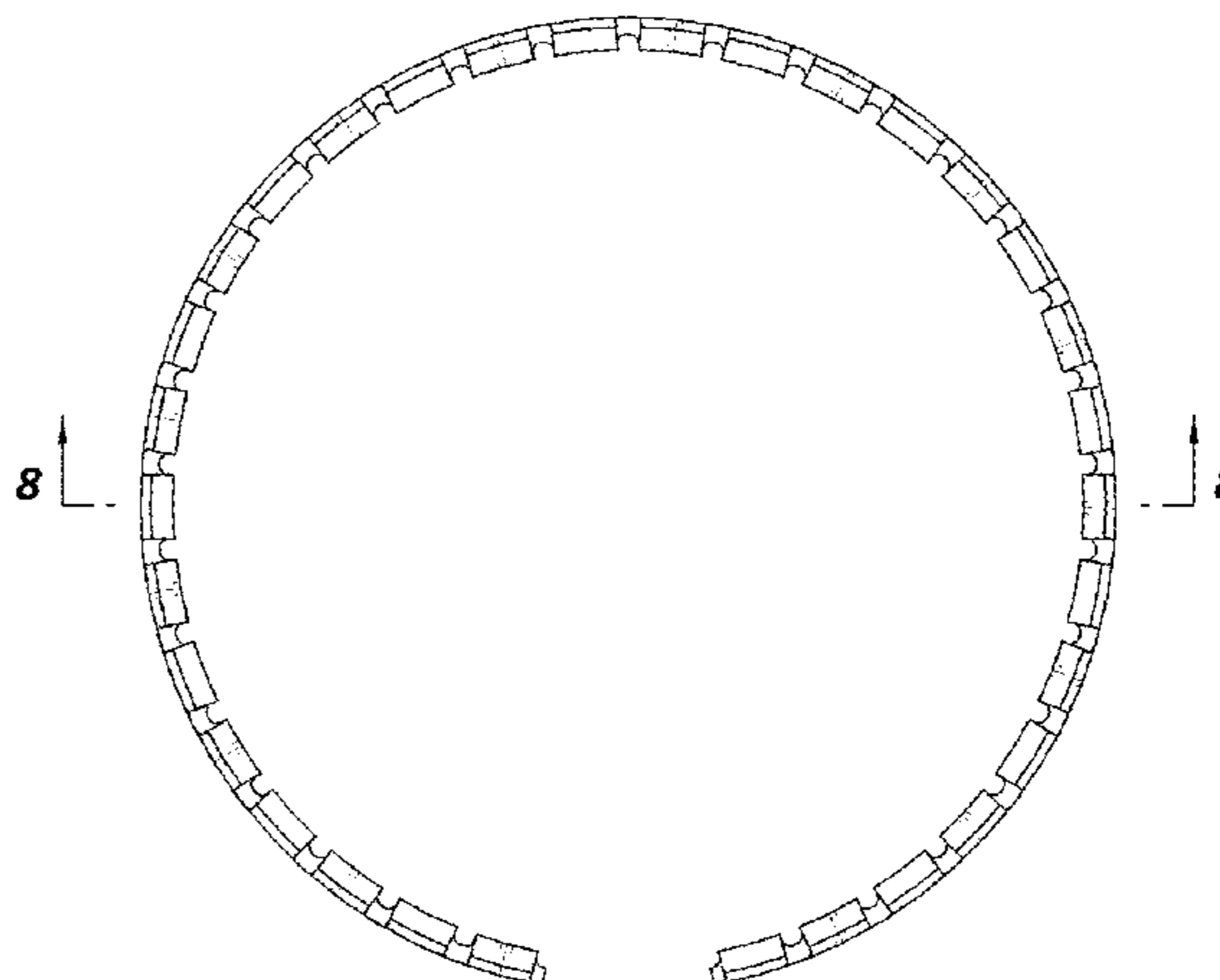
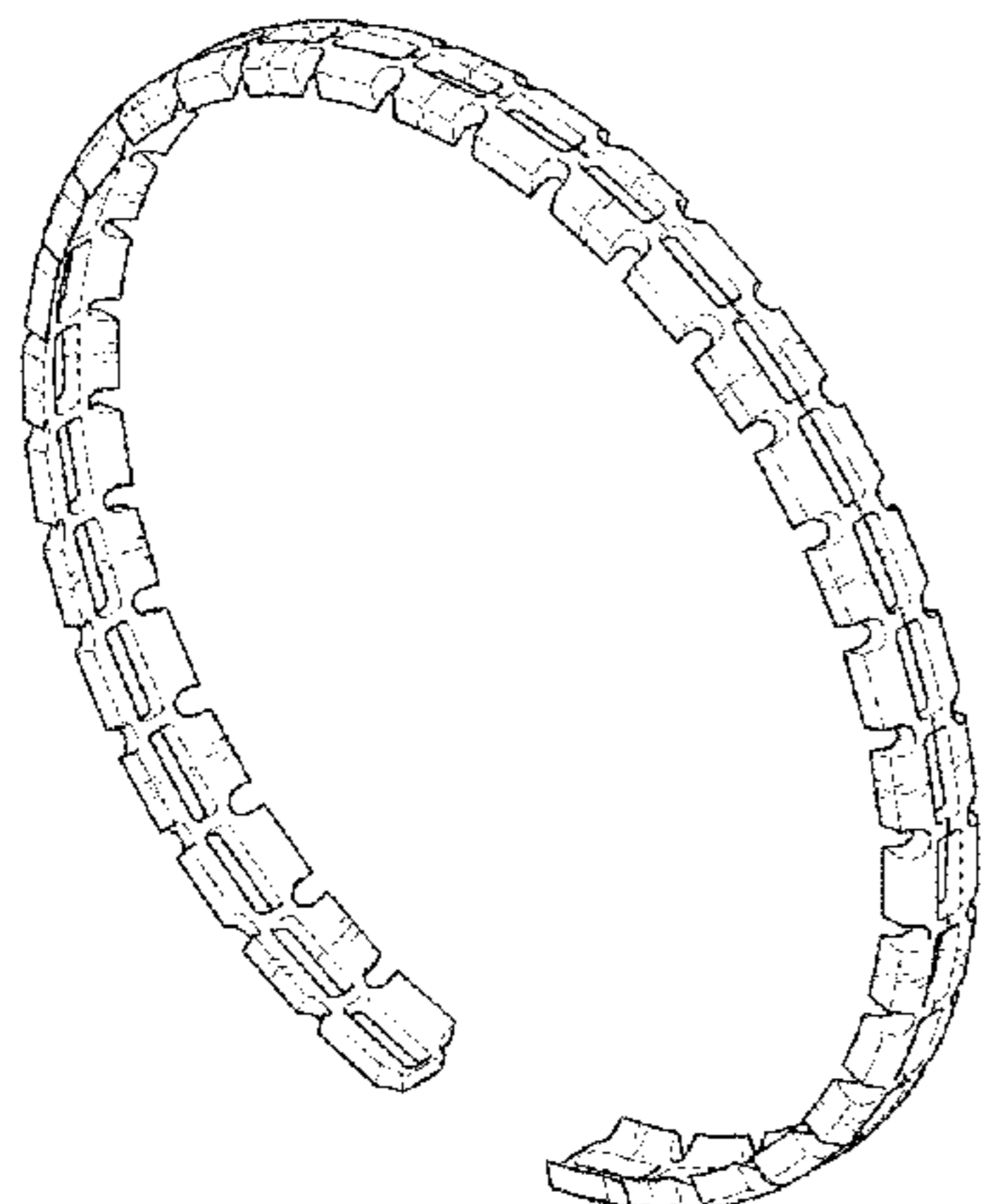
FIG. 10 is an enlarged detail view of FIG. 9;

FIG. 11 is a section view showing the article in a position of use and a state in which a pair of sharp portions penetrates the pipe by pressure; and,

FIG. 12 is an enlarged detail view of FIG. 11.

The broken lines shown in the drawings are for the purpose of illustrating environment that form no part of the claim. The dot dash broken line indicates cutoff boundaries for enlarged detailed portion views and form no part of the claim.

**1 Claim, 8 Drawing Sheets**



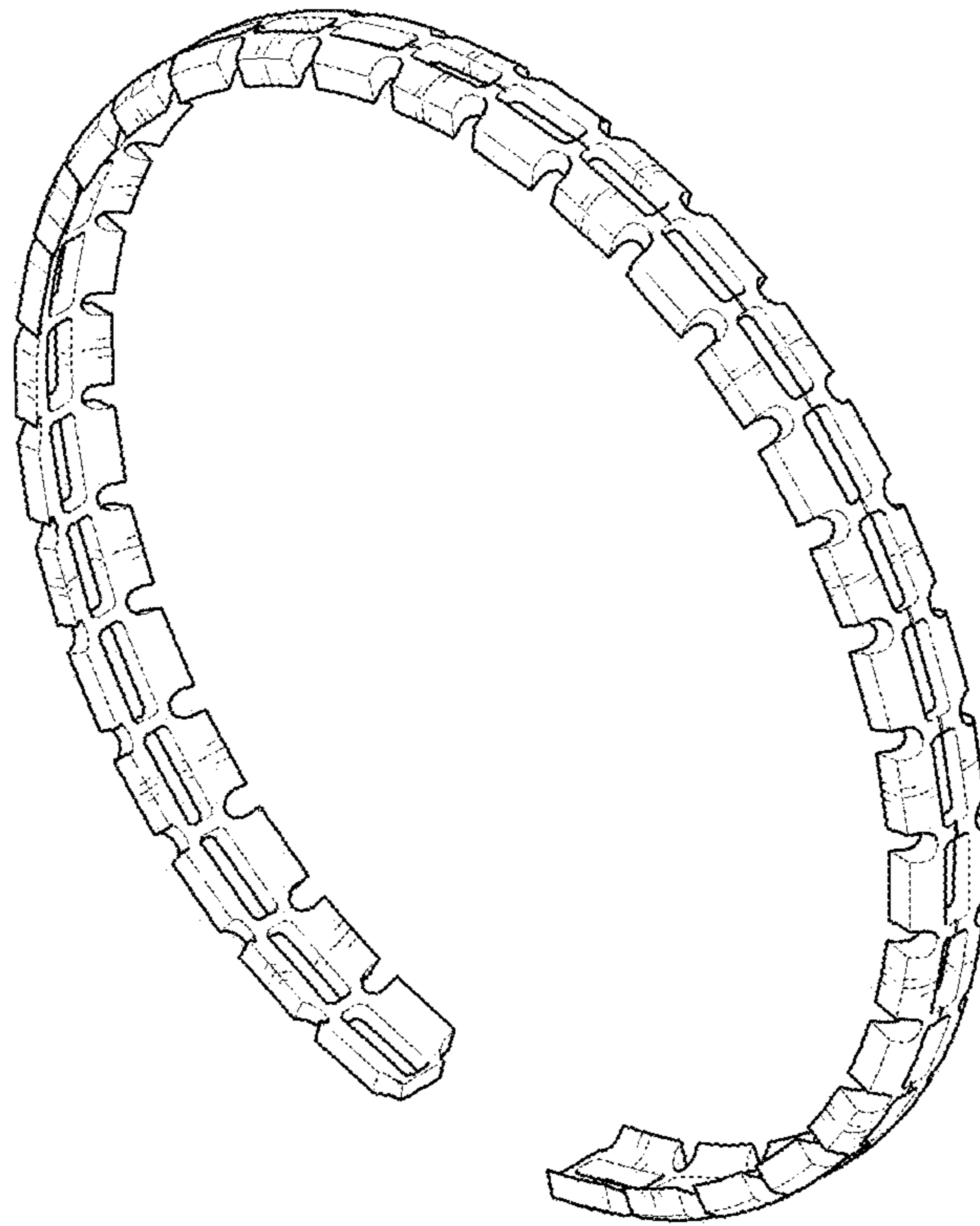
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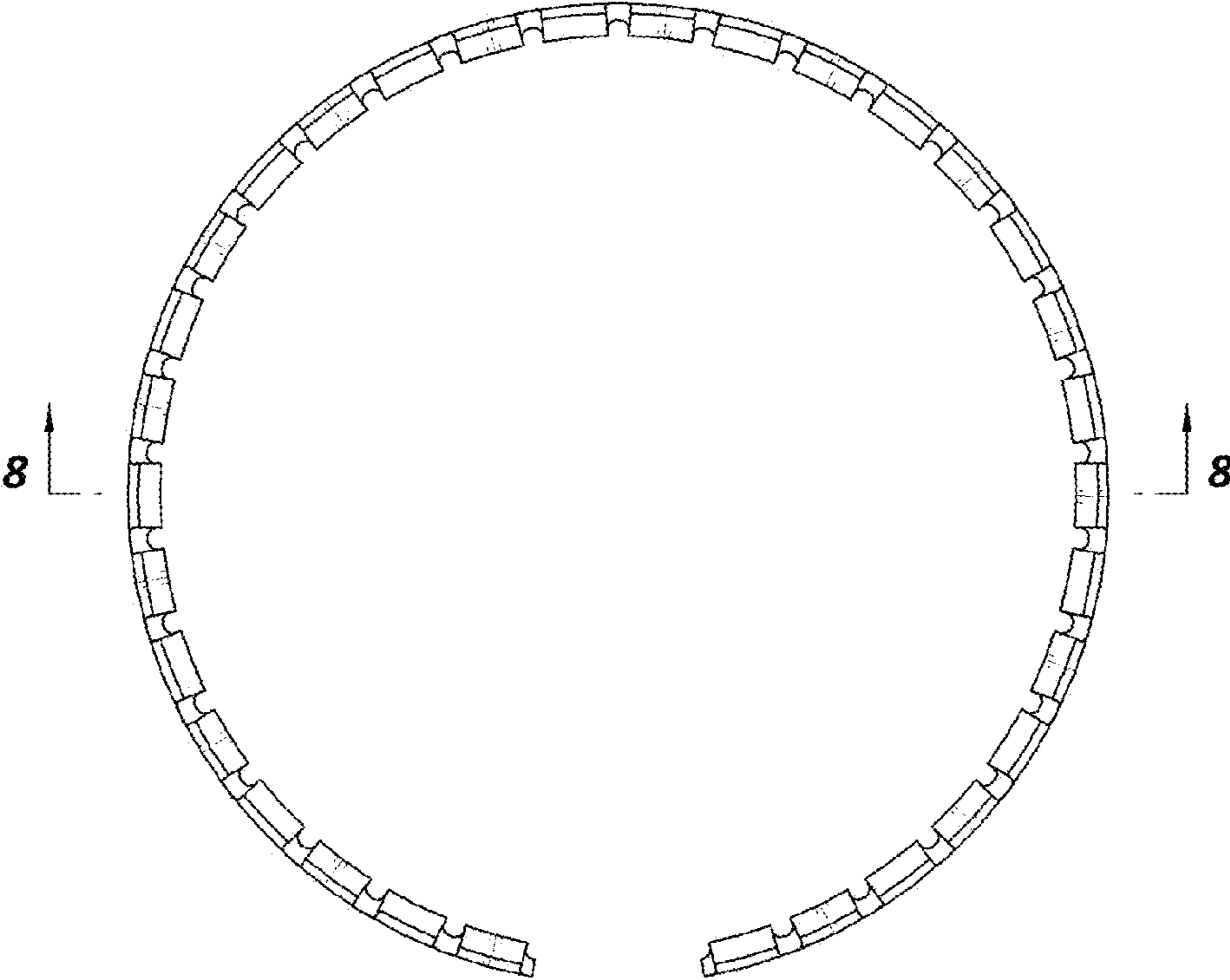
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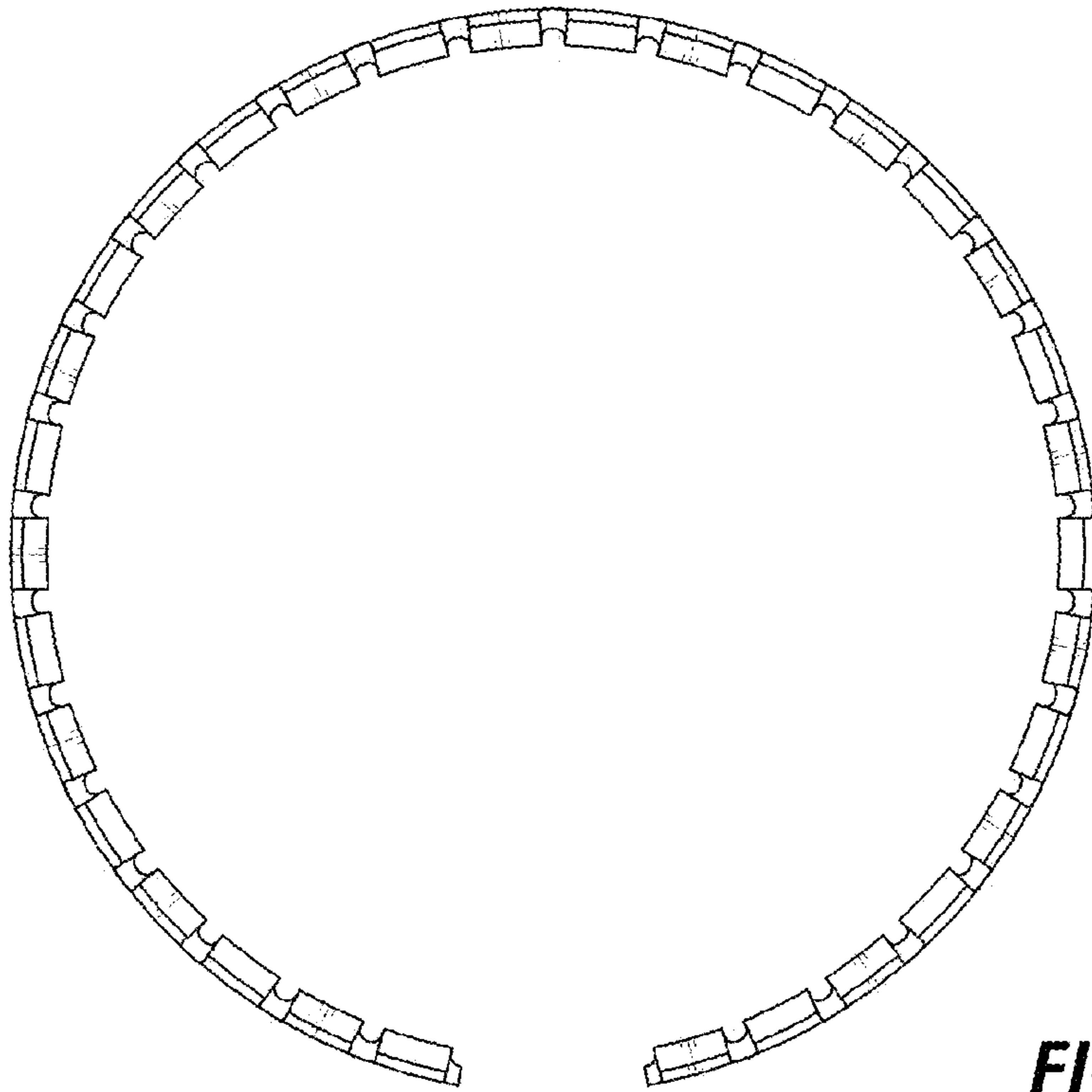
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**FIG. 1**



**FIG. 2**



**FIG. 3**



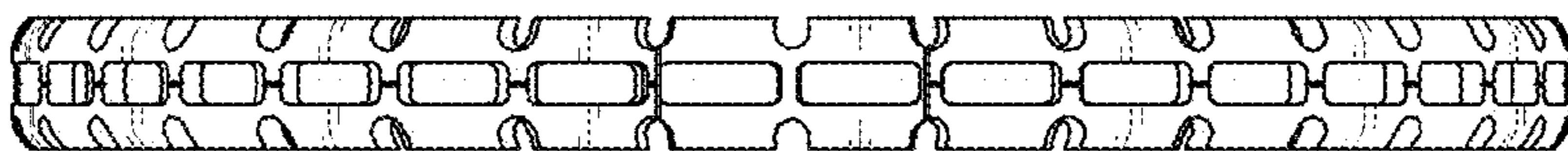
**FIG. 4**



**FIG. 5**

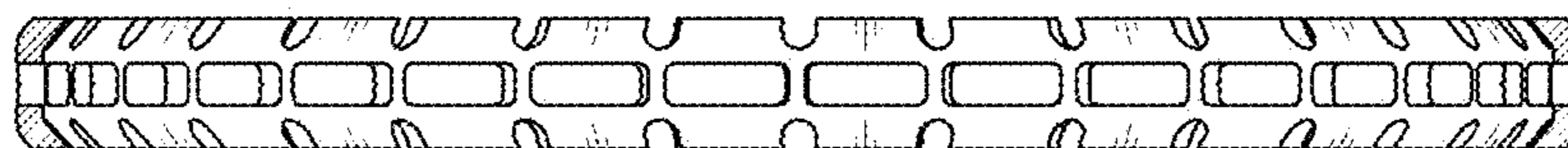


**FIG. 6**

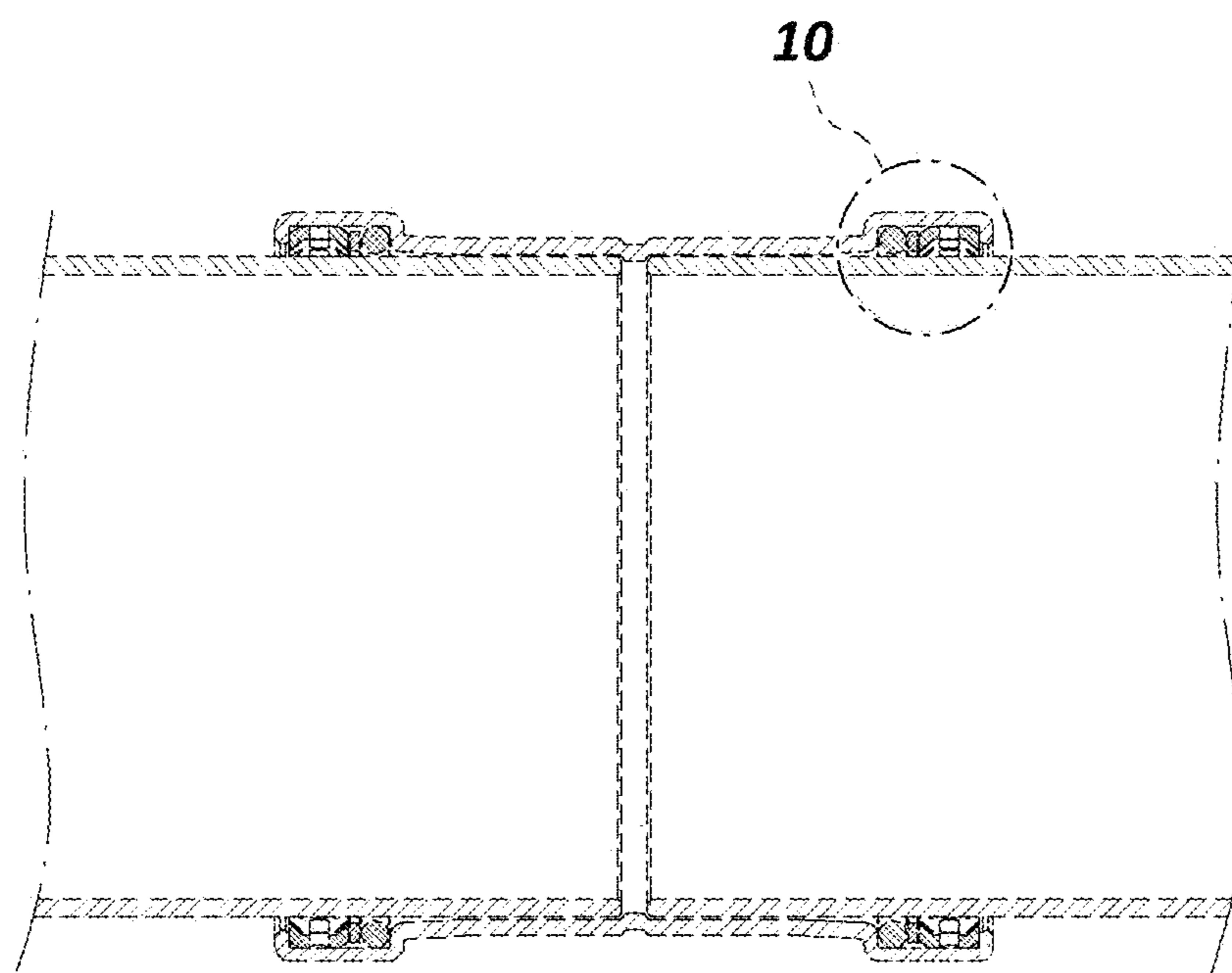


**FIG. 7**

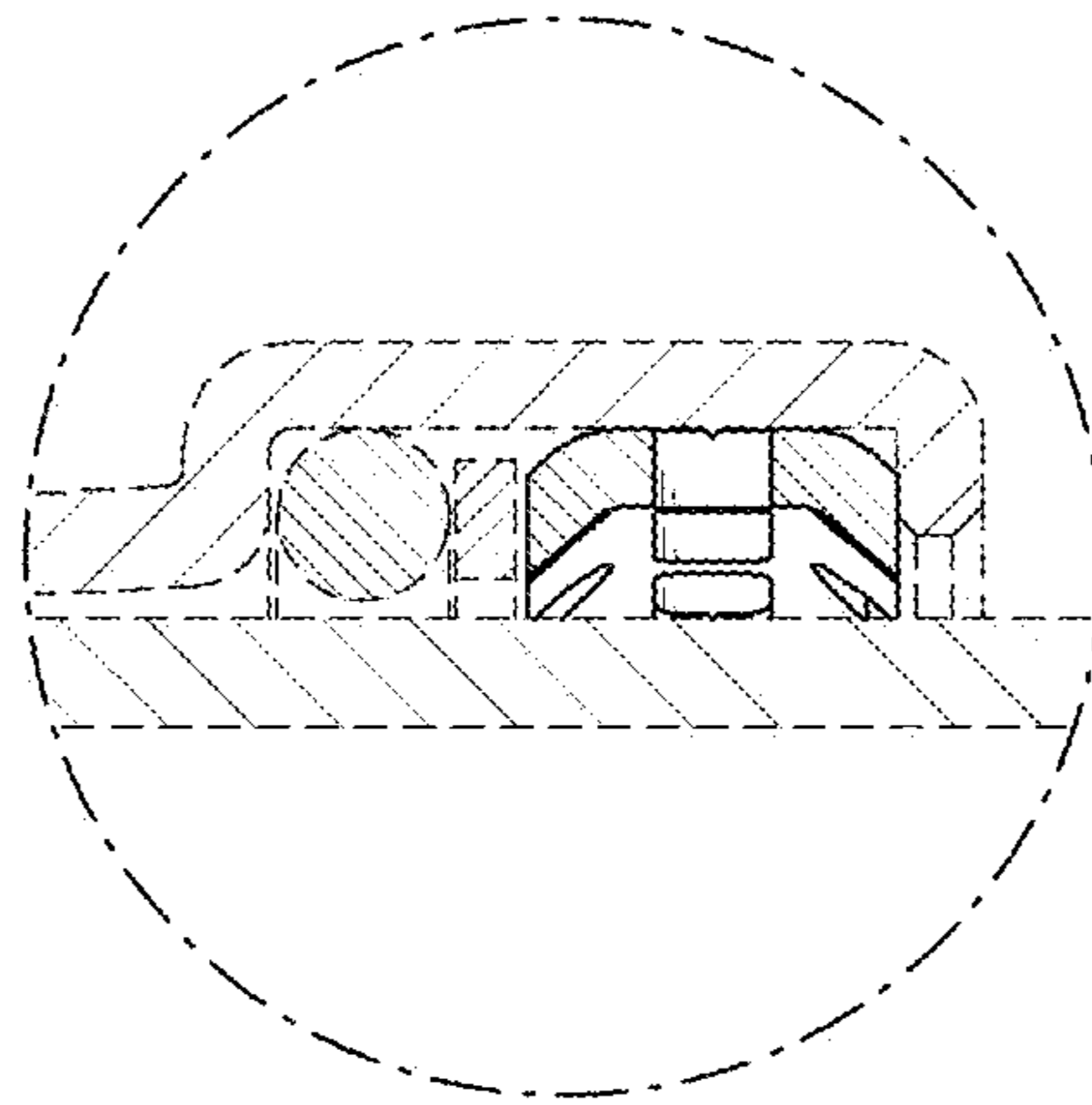




**FIG. 8**

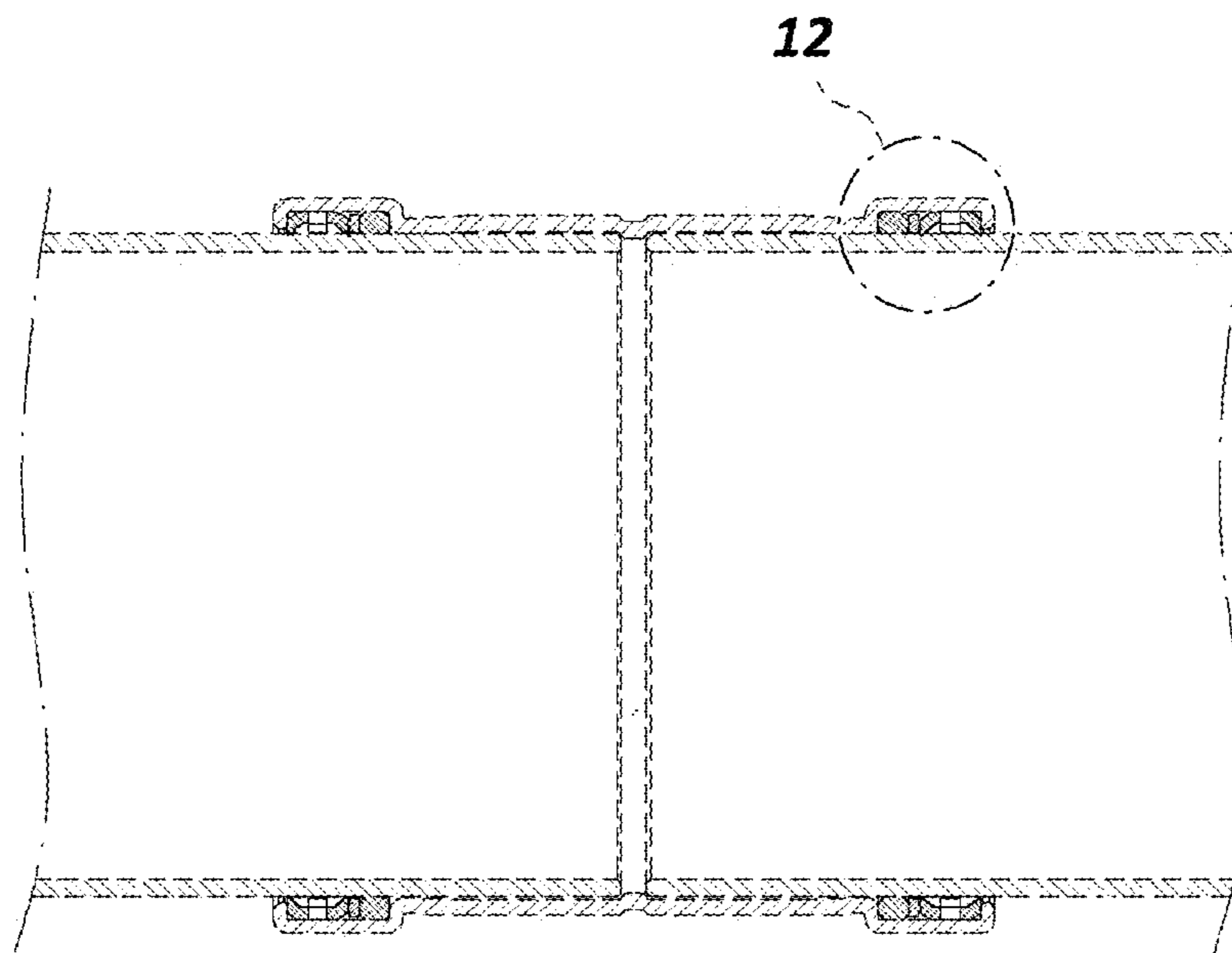


**FIG. 9**

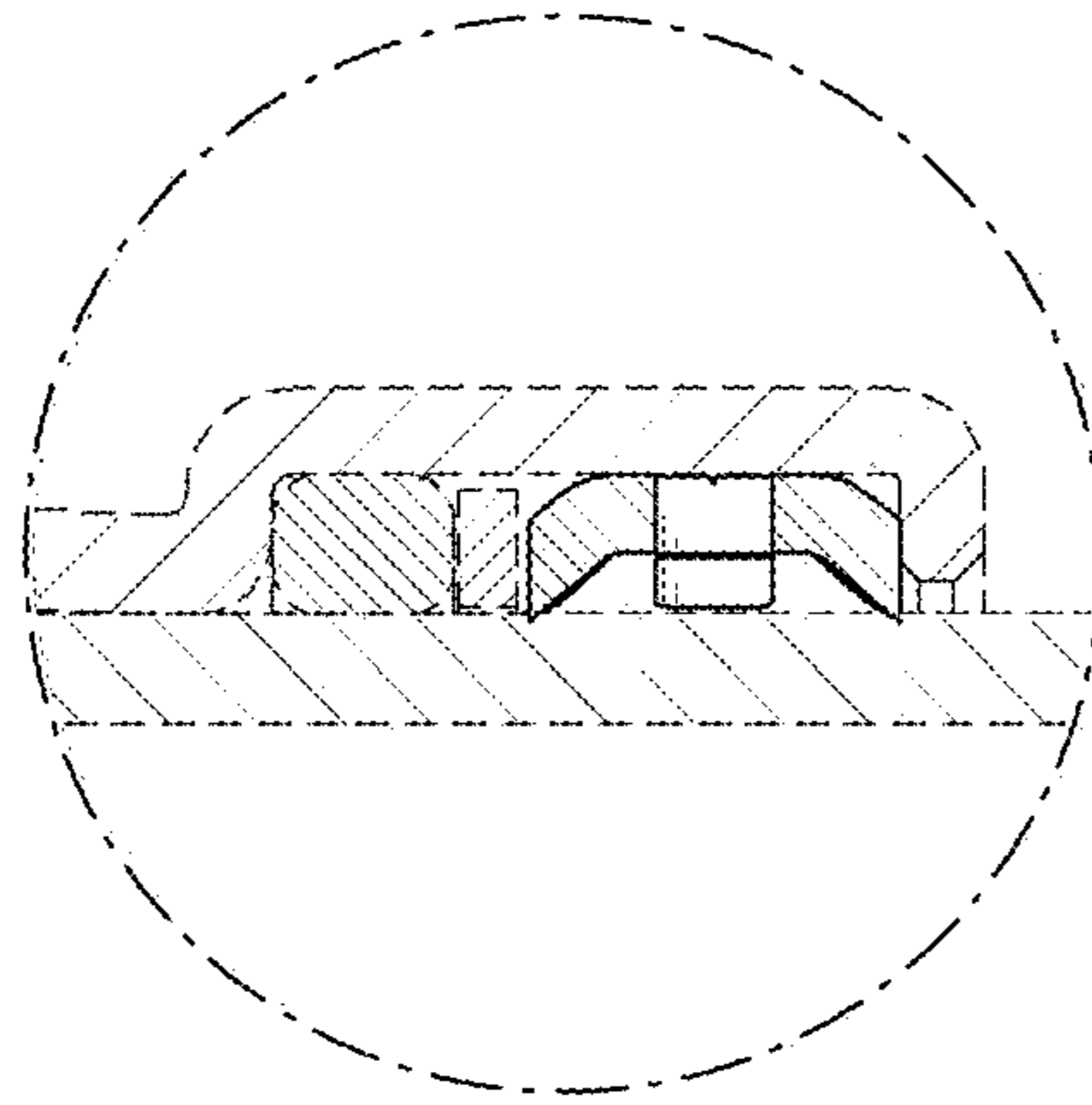


**FIG. 10**





**FIG. 11**



**FIG. 12**