



US00D354570S

**United States Patent** [19]  
**Hilgers**

[11] **Patent Number: Des. 354,570**  
[45] **Date of Patent: \*\* Jan. 17, 1995**

- [54] **LINGUAL ARCH ORTHODONTIC APPLIANCE**
- [75] Inventor: **James J. Hilgers, Escondido, Calif.**
- [73] Assignee: **Ormco Corporation, Glendora, Calif.**
- [\*\*] Term: **14 Years**
- [21] Appl. No.: **10,696**
- [22] Filed: **Jul. 14, 1993**
- [52] U.S. Cl. .... **D24/180**
- [58] Field of Search ..... **D24/176-182;**  
**D8/370; 433/2, 5-7, 18-24, 140**

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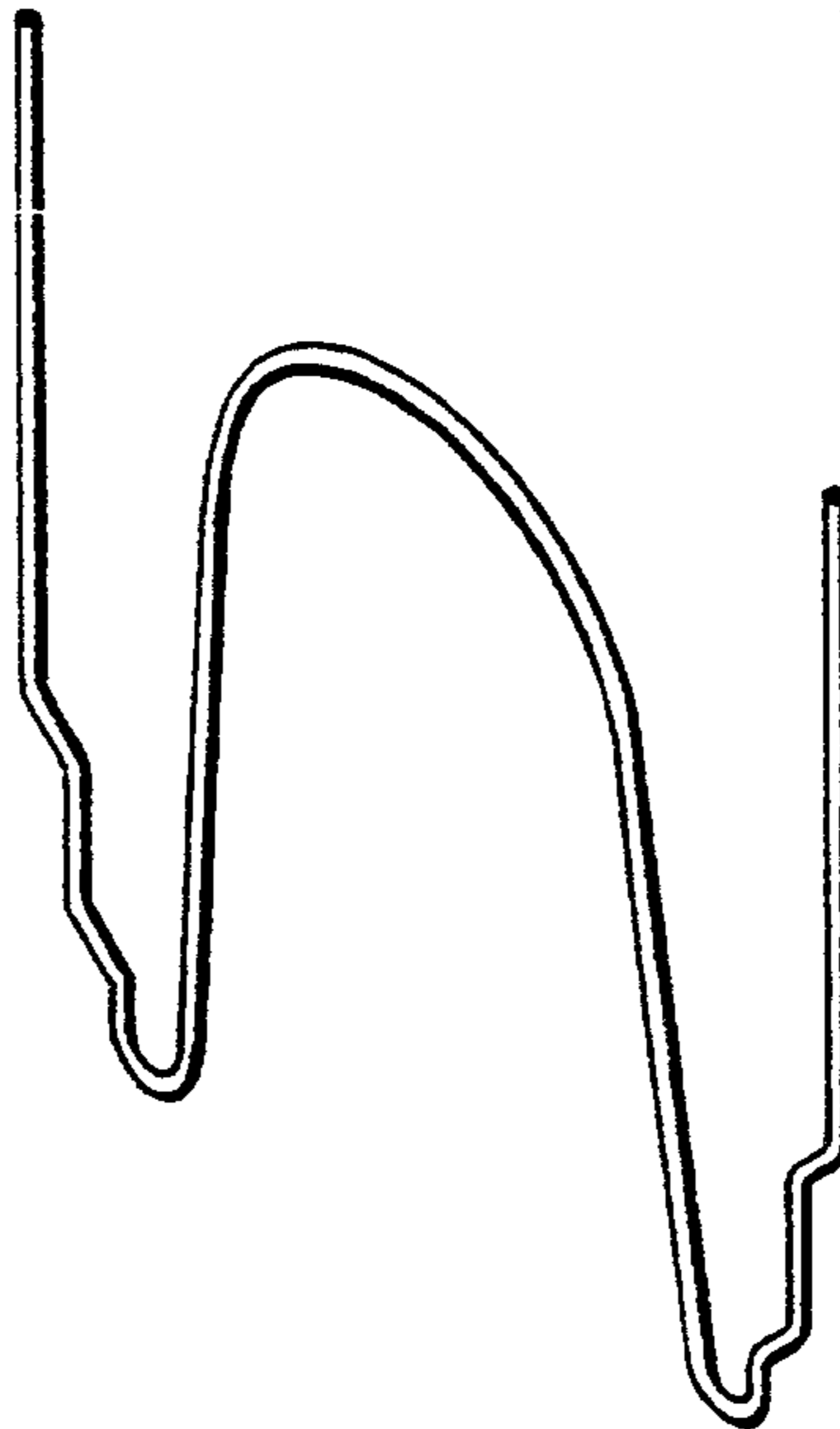
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[57] **CLAIM**

The ornamental design for a lingual arch orthodontic appliance, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of one embodiment of a lingual arch orthodontic appliance design of this invention, depicting the top, front, and right side thereof; FIG. 2 is a front elevational view thereof; FIG. 3 is a top plan view thereof, the bottom plan view thereof being a mirror image; FIG. 4 is a right side elevational view thereof, the left side elevational view thereof being a mirror image; FIG. 5 is a rear elevational view thereof; FIG. 6 is a perspective view of another embodiment of a lingual arch orthodontic appliance design of this invention, depicting the bottom, front, and right side thereof; FIG. 7 is a front plan view thereof; FIG. 8 is a bottom plan view thereof; FIG. 9 is a right elevational view thereof, with the left elevational view thereof a mirror image; FIG. 10 is a top plan view thereof; and, FIG. 11 is a rear elevational view thereof.



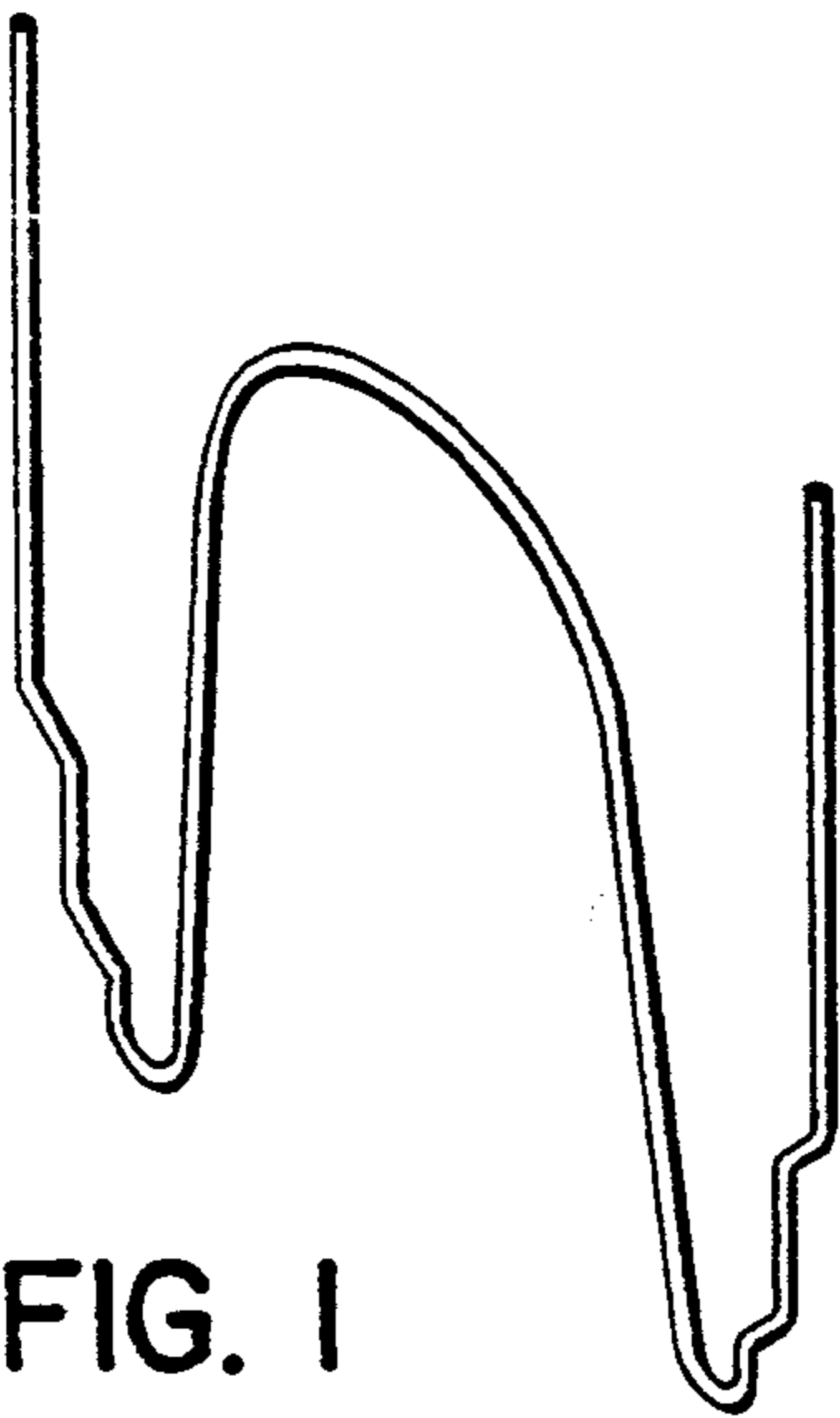


FIG. 1



FIG. 2

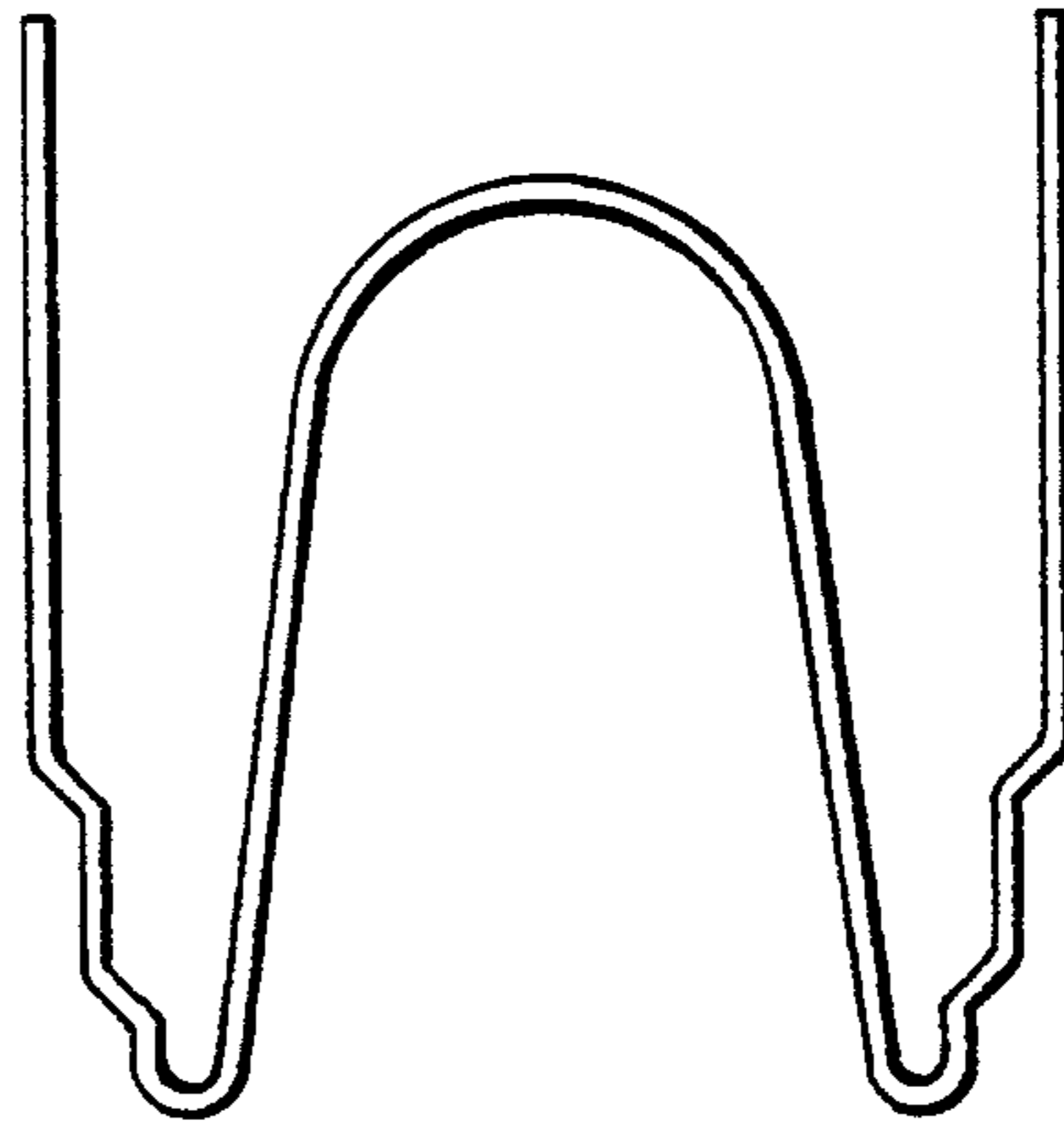


FIG. 3



FIG. 4

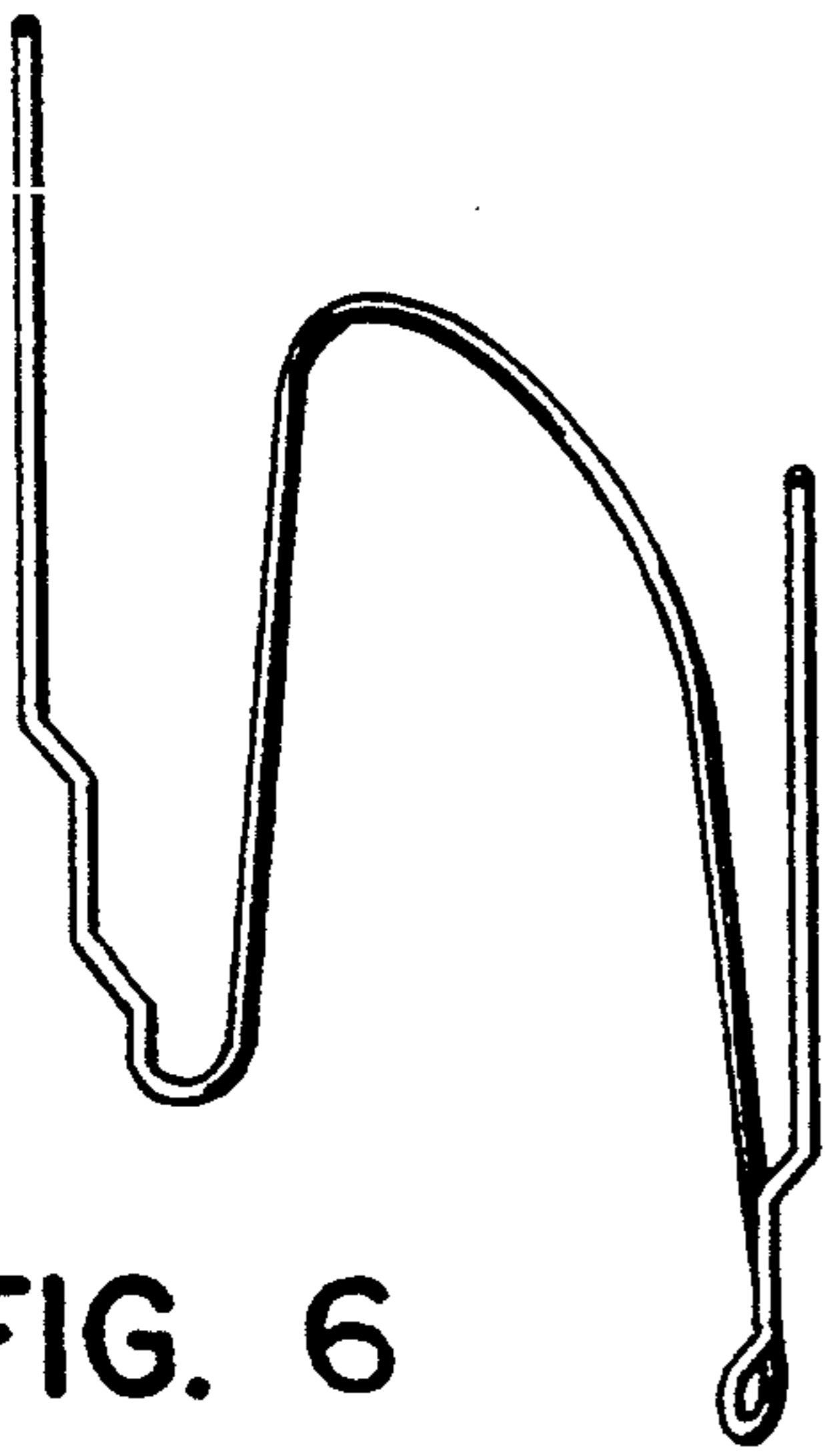


FIG. 6

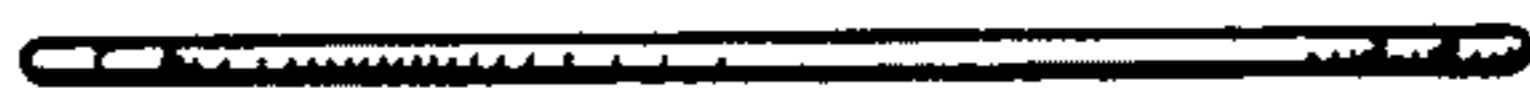


FIG. 5

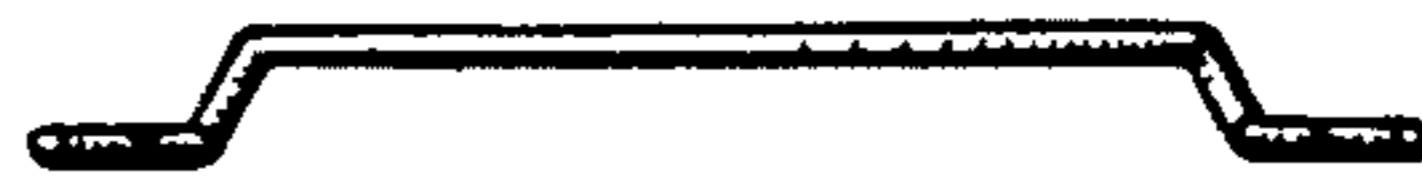


FIG. 7

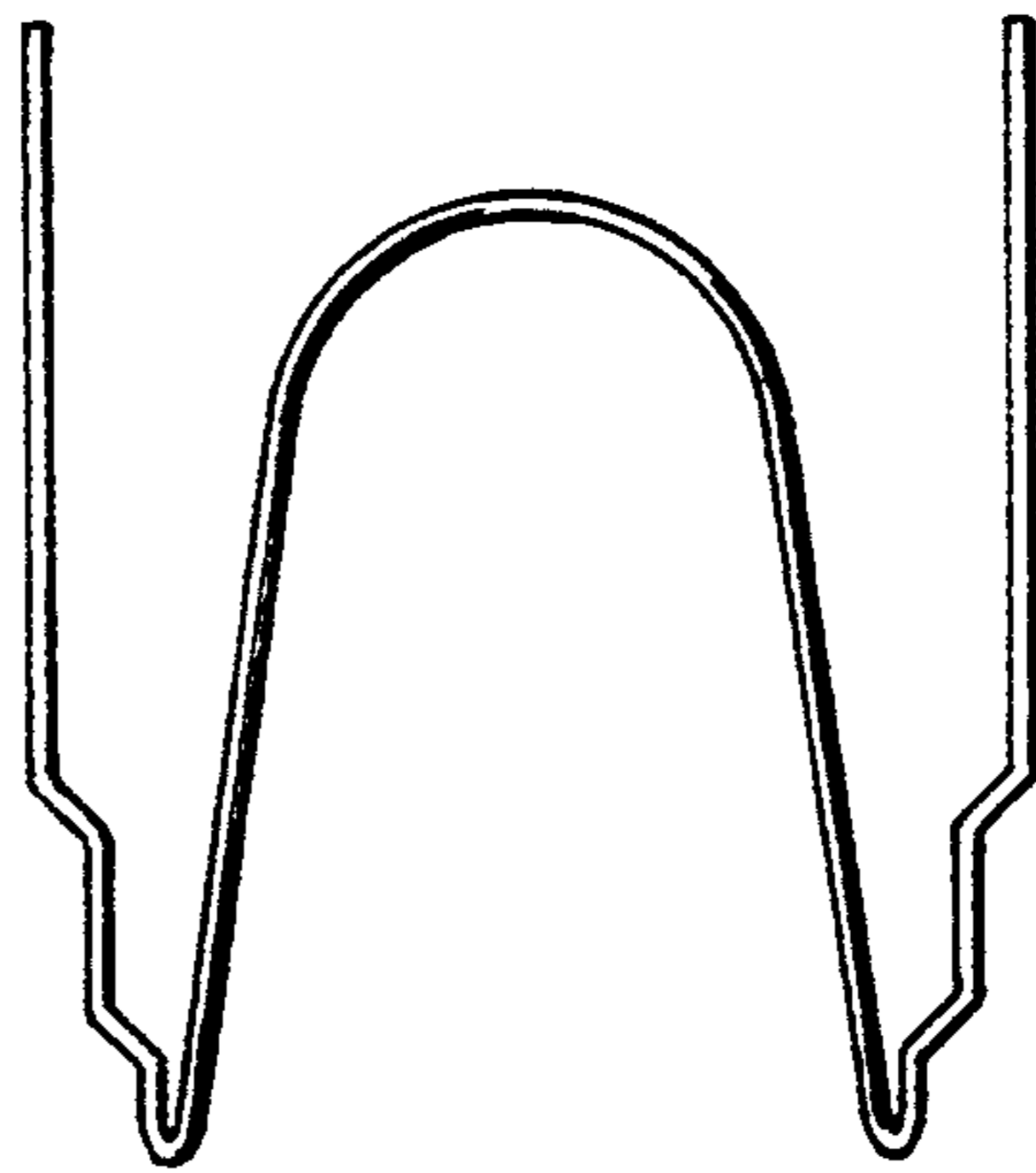


FIG. 8



FIG. 9

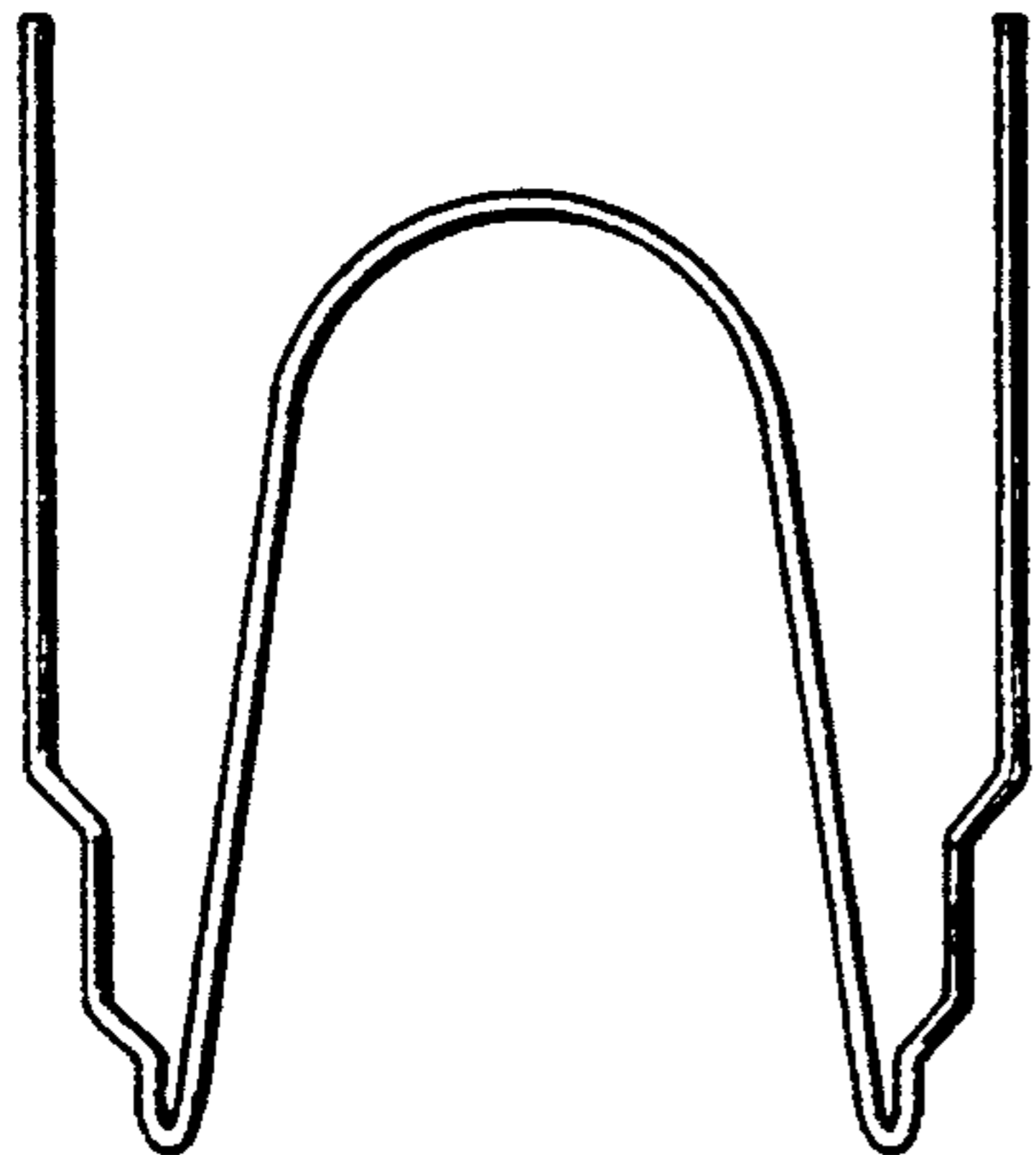


FIG. 10

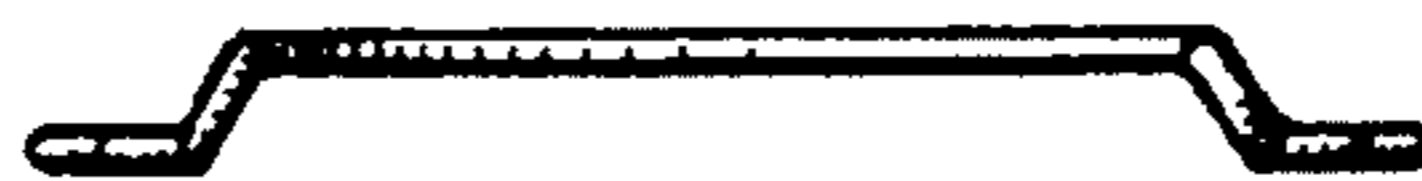


FIG. 11