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

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(54) **OPTICAL LENS FOR PROJECTING LIGHT FROM LED LIGHT EMITTERS**

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

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(51) **LOC (10) Cl.** ..... **29-99**

(52) **U.S. Cl.**

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(58) **Field of Classification Search**

USPC ..... D26/5, 6, 9, 10, 11, 12, 13, 15, 16, 24,  
D26/51, 61, 72, 76, 79, 80, 81, 85, 86,  
D26/88, 90, 113, 114, 116, 118, 119, 120,  
D26/121, 122, 127, 128, 129, 131, 135,  
D26/137, 138, 143, 144, 180, 2, 28, 60,  
D26/89, 104, 124, 142, 145, 102, 103,  
D26/107, 108, 179

CPC ..... B01D 46/10; A61L 9/037; B60Q 1/04;  
B60Q 1/26; F21L 19/00; F21S 8/04; F21S  
8/026; F21V 7/00; F21V 7/22; F21V  
21/02; F21V 21/04; F21V 29/004; F21V  
29/83; F21V 29/2212; F21V  
37/002; F21V 3/02;

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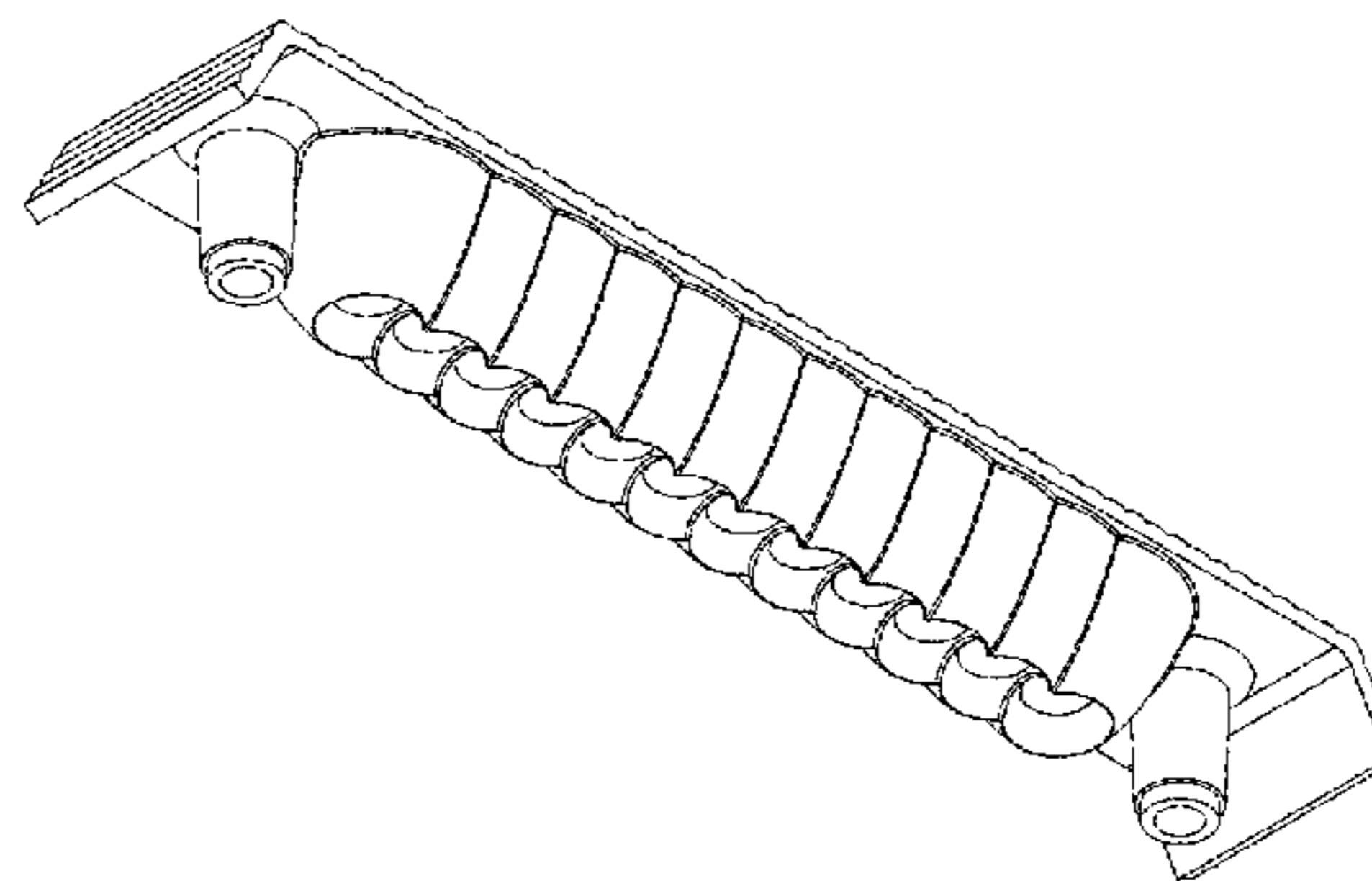
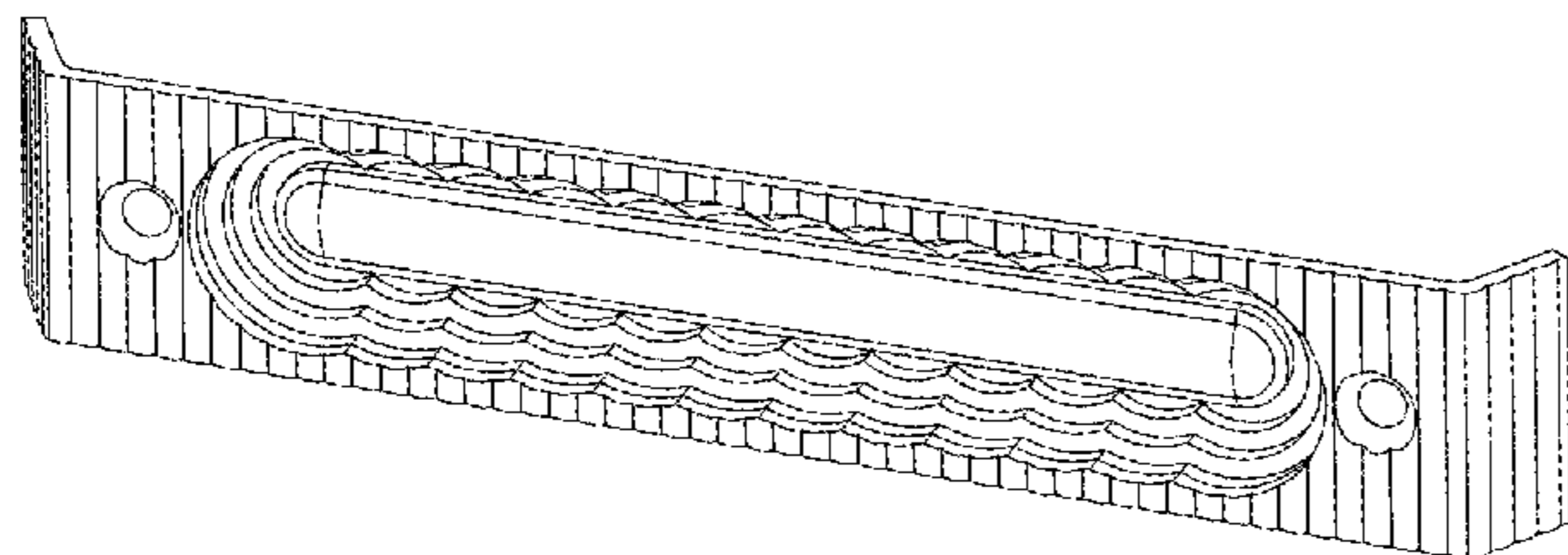
(57) **CLAIM**

The ornamental design for an optical lens for projecting light from LED light emitters, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view looking downwardly from the right side of the front of an optical lens for projecting light from LED light emitters which embodies our invention; FIG. 2 is a perspective view looking upwardly from the left side of the front thereof; FIG. 3 is a top elevational view thereof; FIG. 4 is a bottom elevational view thereof; FIG. 5 is a front plan view of the front thereof; FIG. 6 is a left end view thereof; FIG. 7 is a right end view thereof; FIG. 8 is a back plan view of the back thereof; FIG. 9 is a perspective view looking downwardly from the right side of the back thereof; FIG. 10 is a perspective view looking downwardly from the top at the back thereof; FIG. 11 is a longitudinal central sectional view thereof illustrating the internal shape of the lens structure thereof; and, FIG. 12 is a lateral central sectional view thereof perpendicular to the view of FIG. 11 illustrating the internal shape of the lens structure thereof.

**1 Claim, 5 Drawing Sheets**



(58) **Field of Classification Search**  
 CPC ... F21V 29/006; F21Y 2101/02; F23D 11/443;  
 F21K 9/00; H01L 2224/48137  
 See application file for complete search history.

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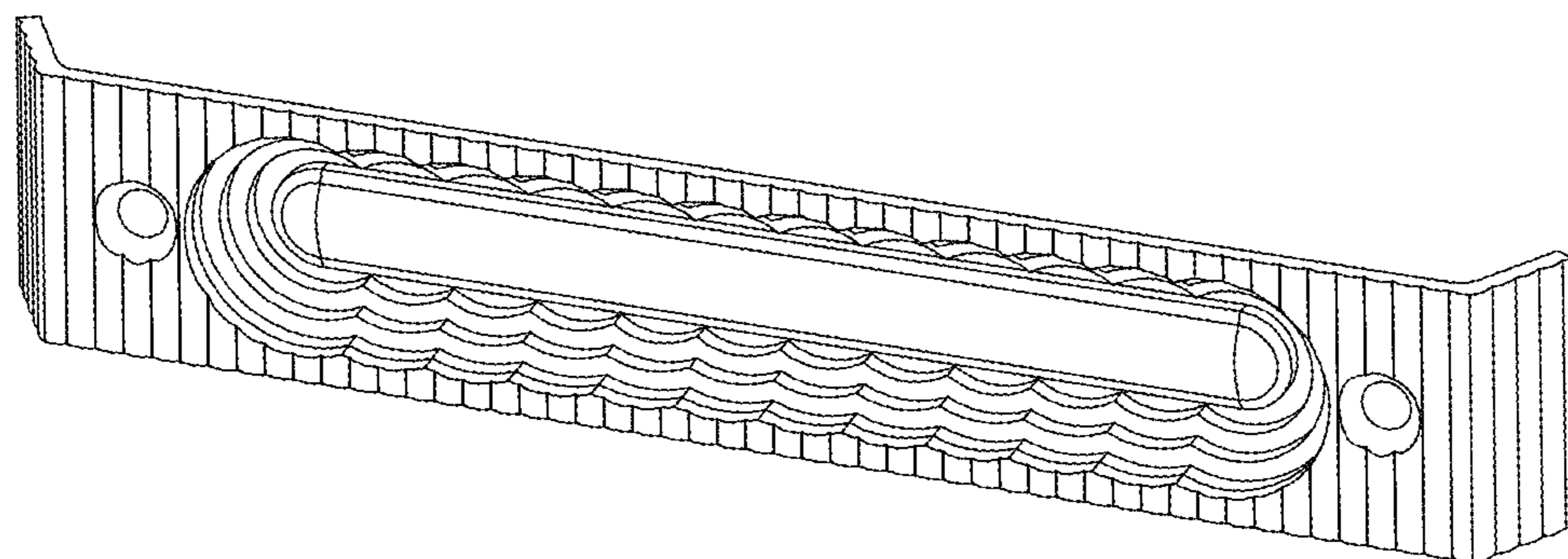


FIG. 1

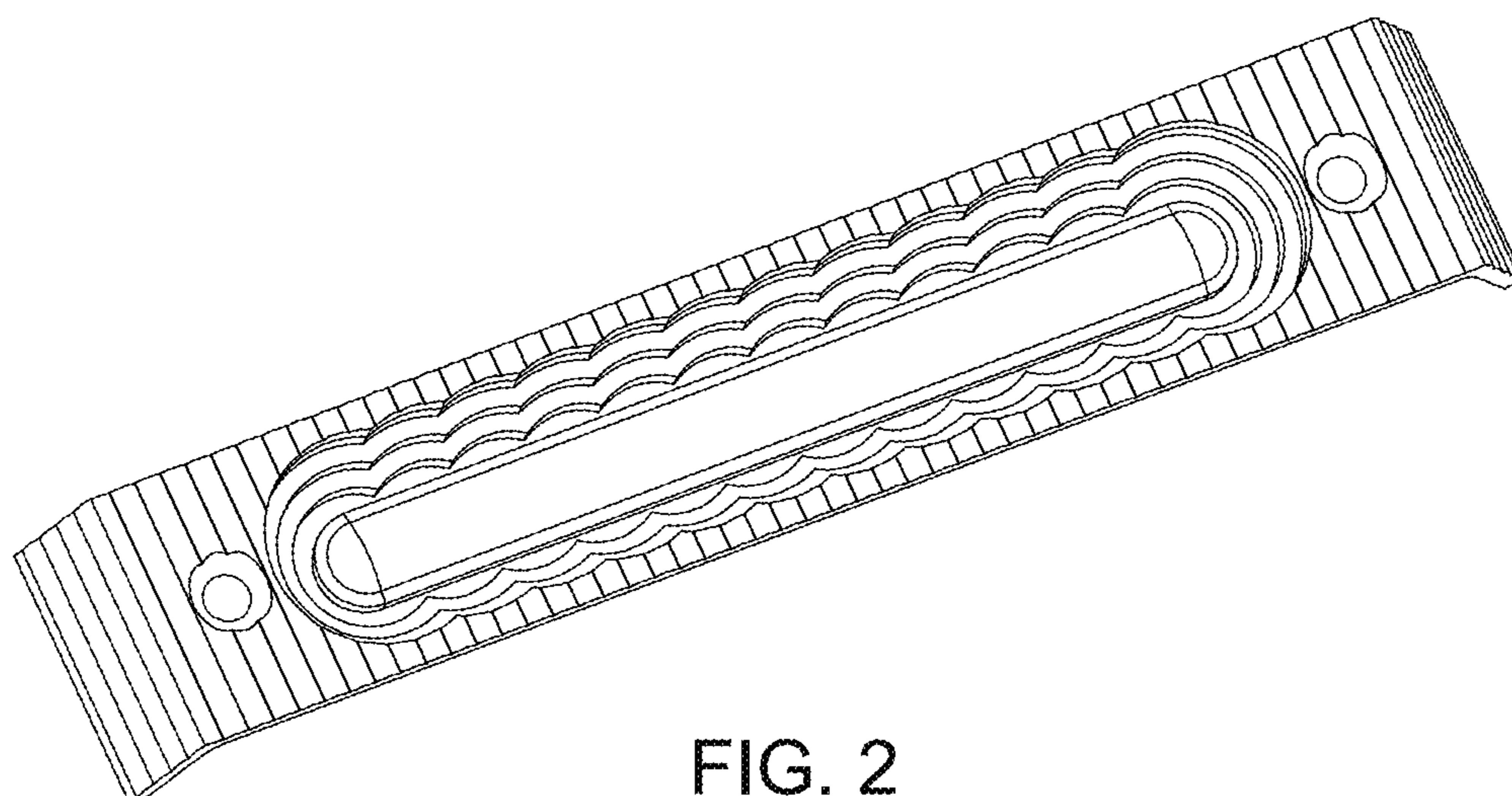


FIG. 2

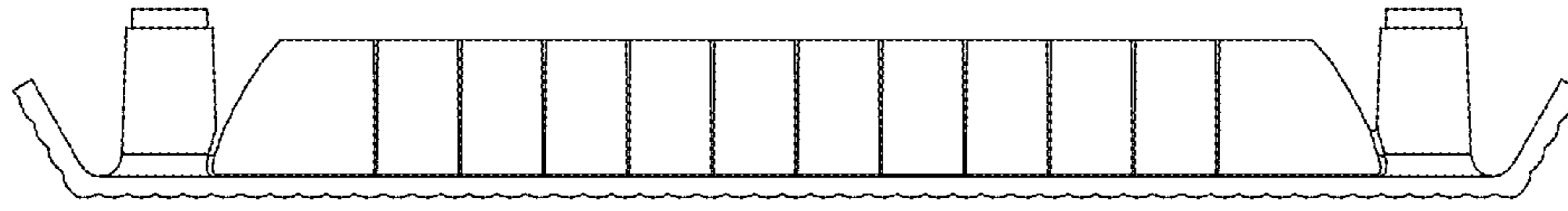


FIG. 3

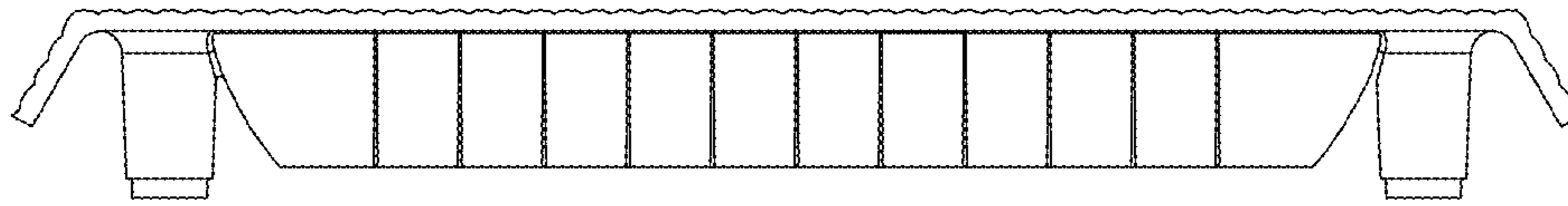


FIG. 4

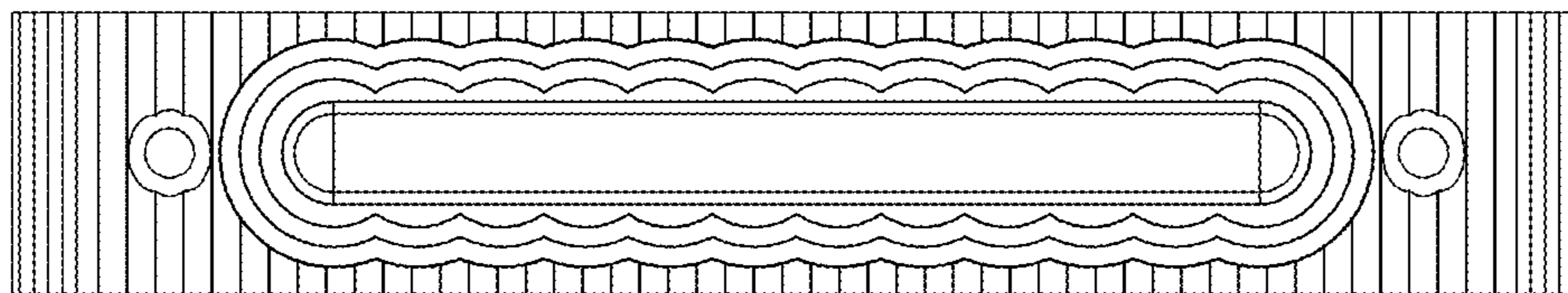


FIG. 5

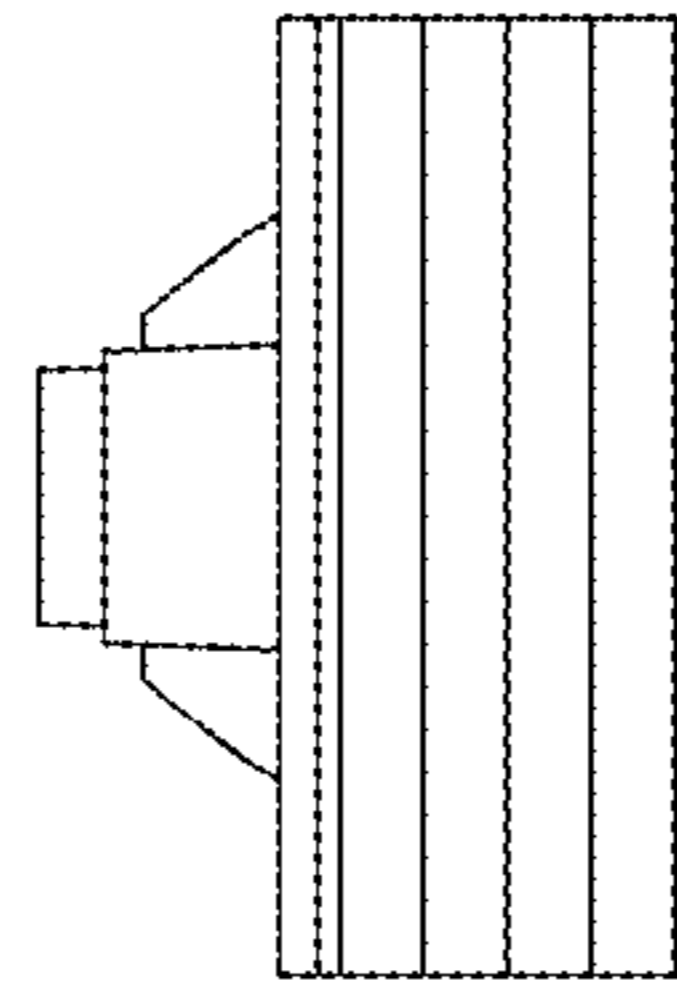


FIG. 6

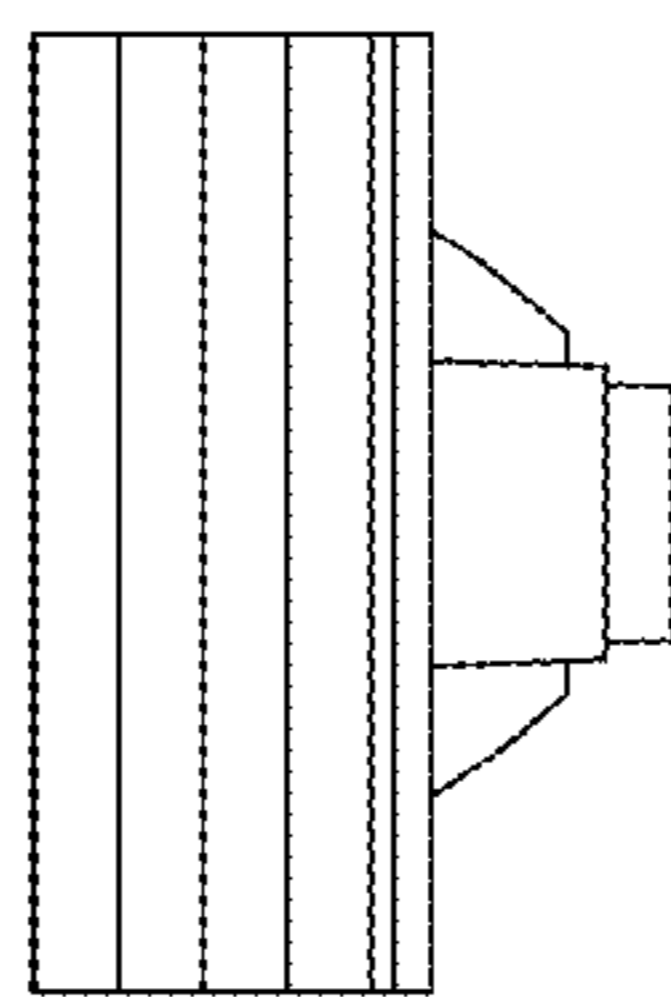


FIG. 7

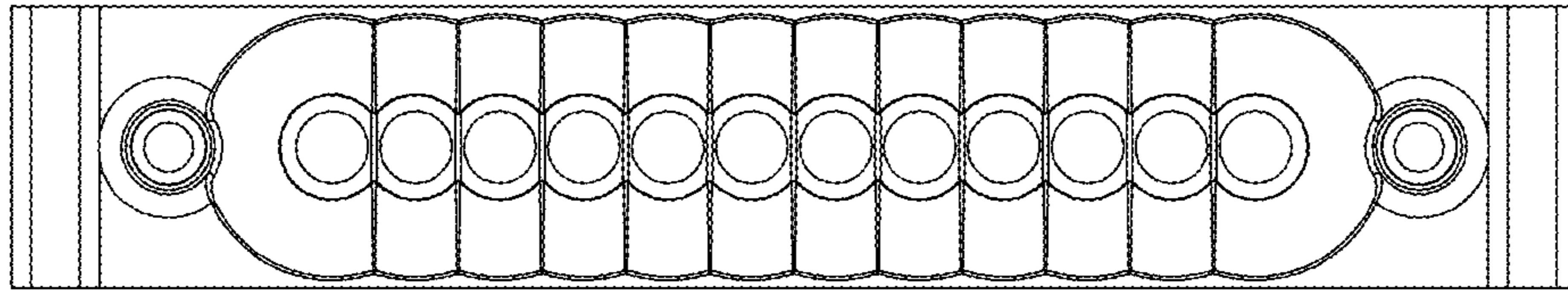


FIG. 8

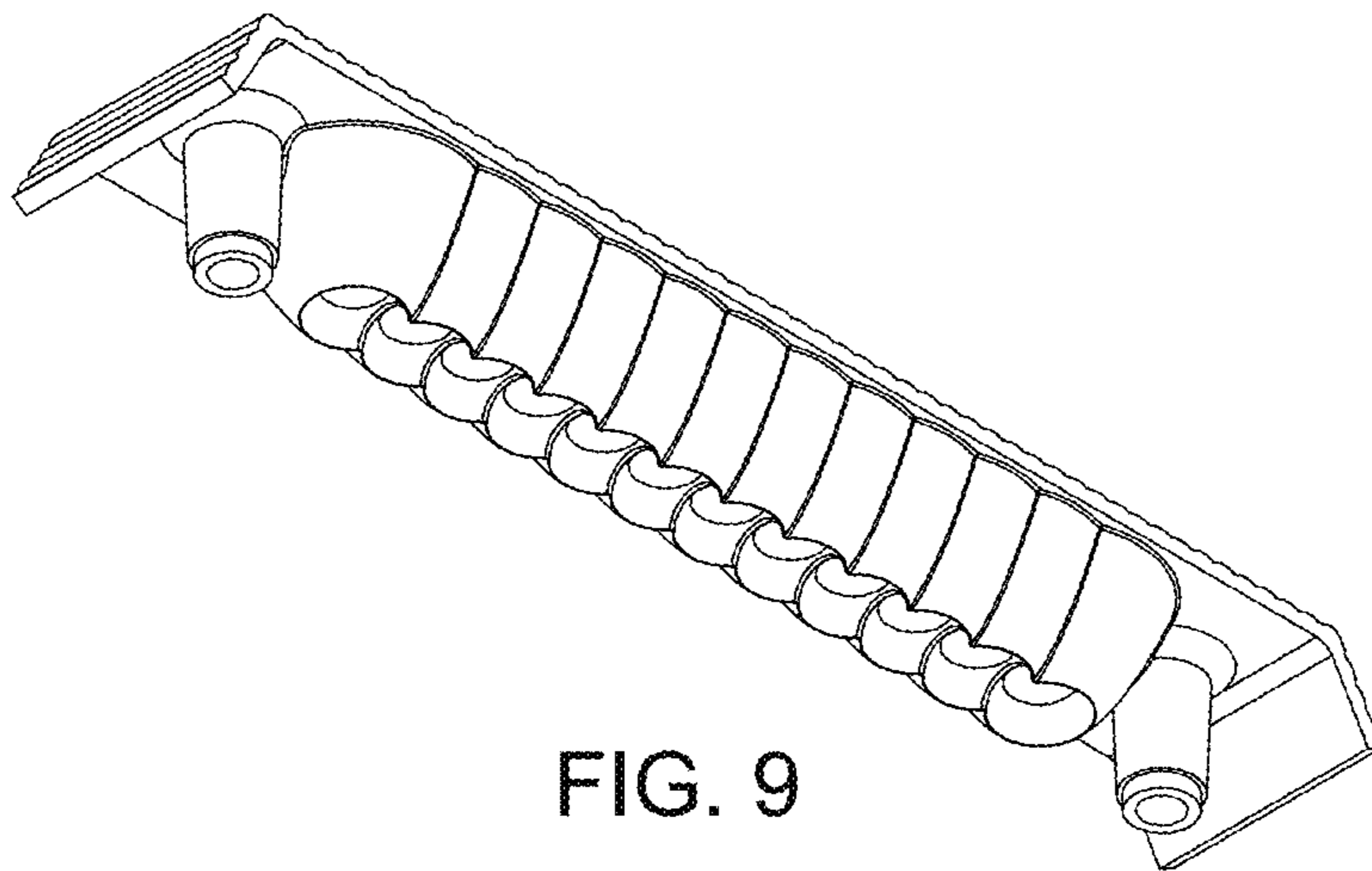


FIG. 9

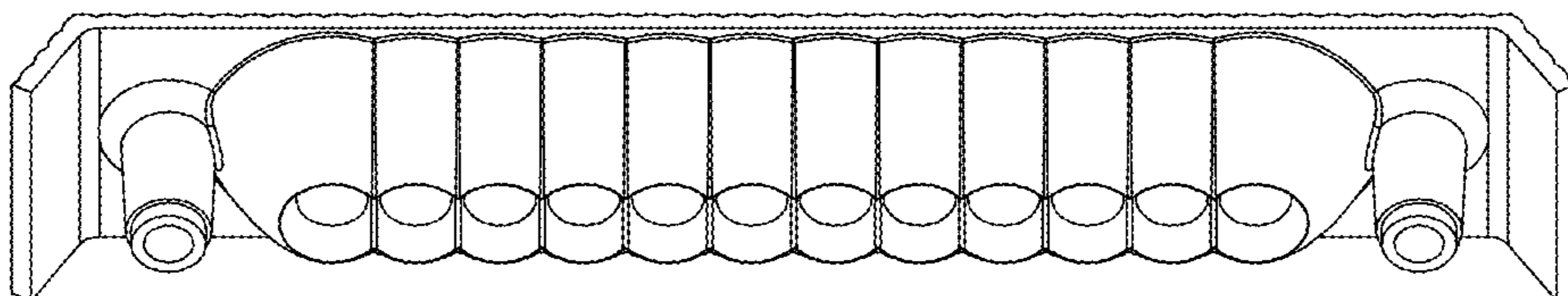


FIG. 10

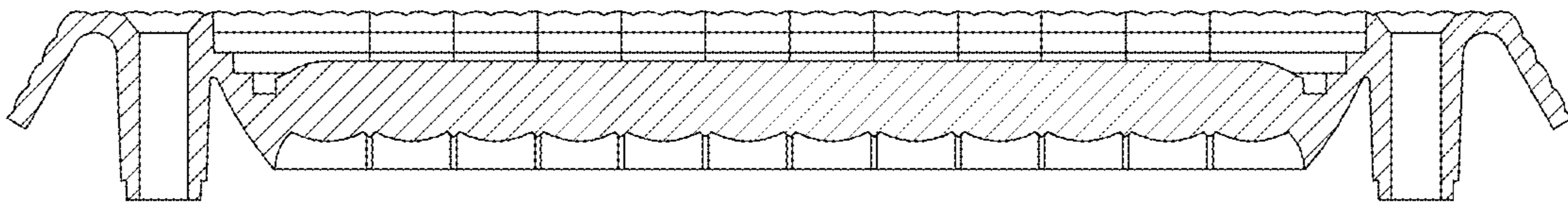


FIG. 11

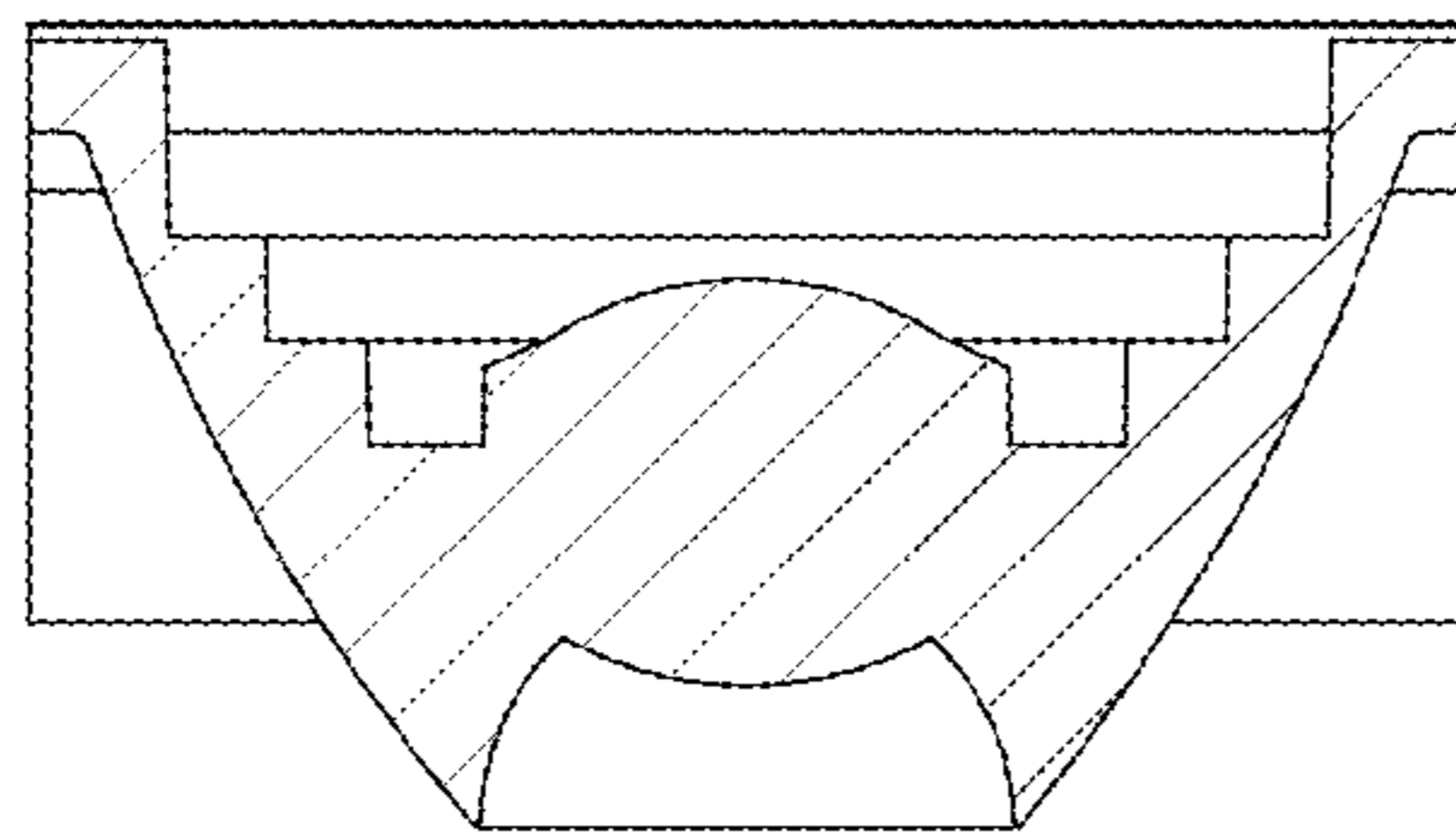


FIG. 12