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

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(54) **PUPIL EXPANDER**

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(52) **U.S. Cl.**  
USPC ..... **D24/150**

(58) **Field of Classification Search**

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D19/110; D24/127, 133, 145, 146,  
D24/147, 171; 30/151, 162, 338, 339;  
606/79, 80, 81, 82, 88, 167, 168, 169,  
606/171, 176, 297; 600/206, 236, 107  
CPC ..... A61B 17/1671; A61B 17/14; A61B  
17/3211; A61B 17/320758; A61B 17/320092;  
A61B 17/141; A61B 1/00096; A61B 17/0231;  
A61B 1/00098; A61F 9/00763

See application file for complete search history.

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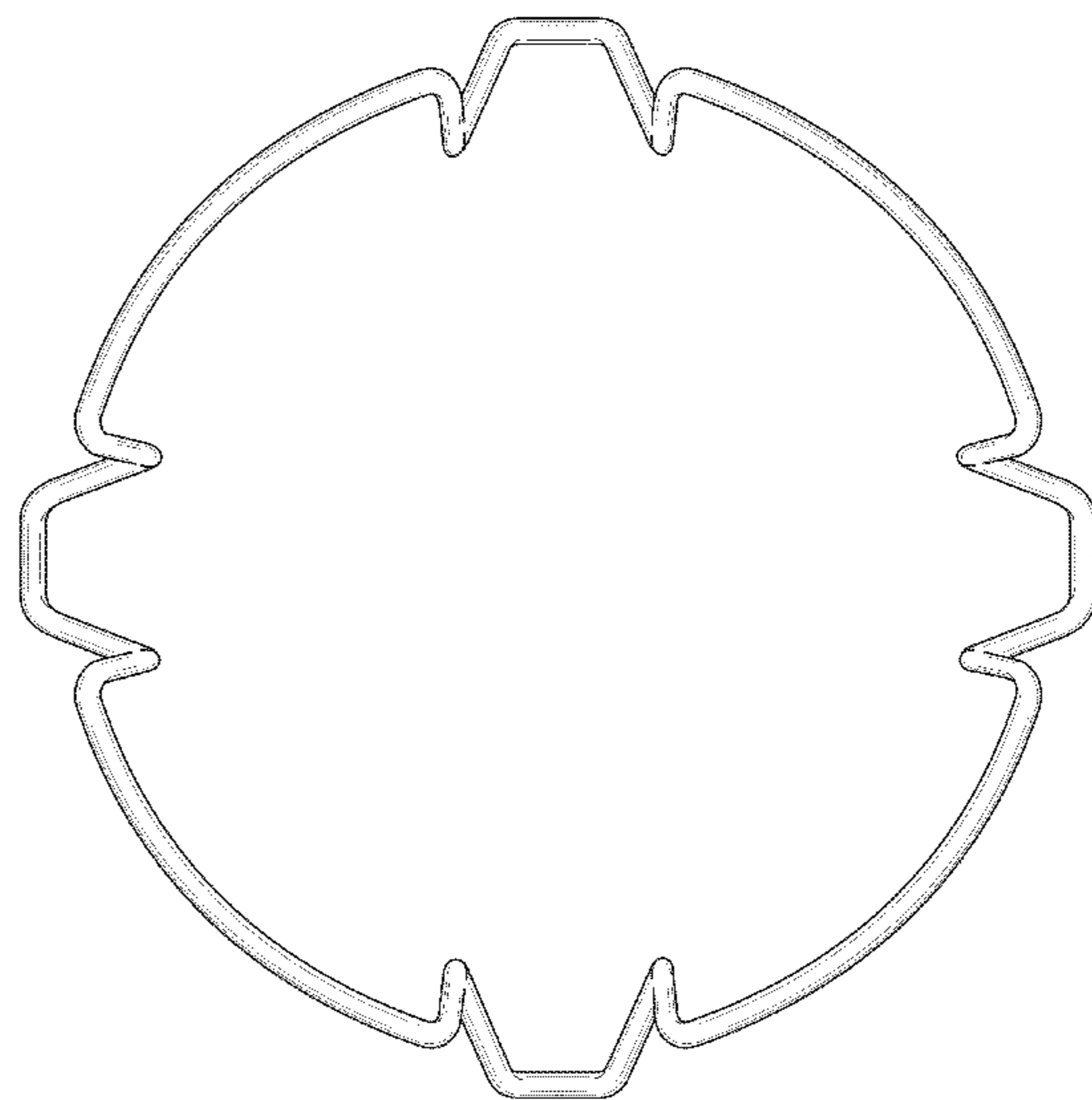
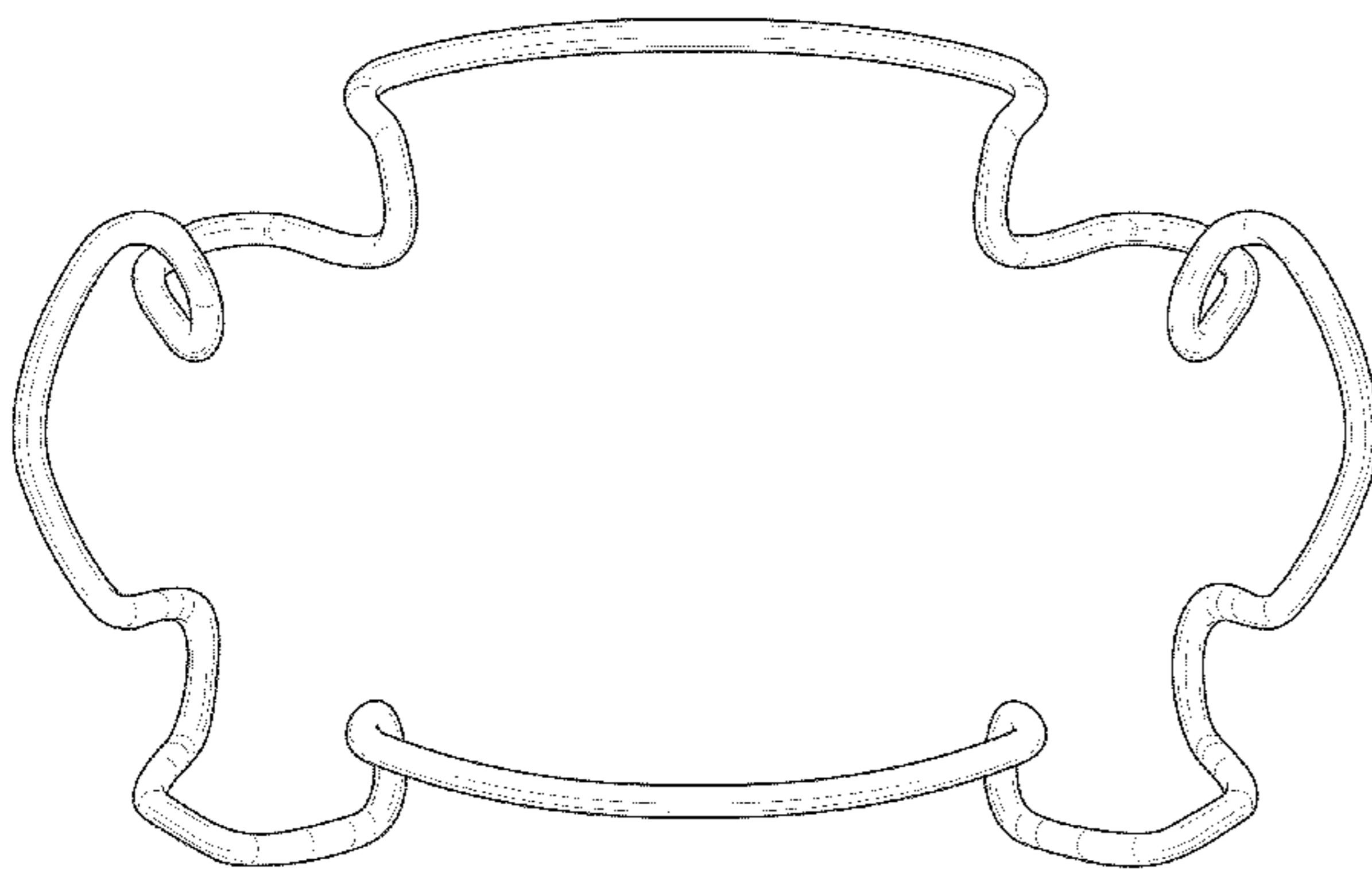
(57) **CLAIM**

The ornamental design for a pupil expander, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a pupil expander showing my new design;  
FIG. 2 is a left side elevation view and is a mirror image of a right side elevation view thereof;  
FIG. 3 is a front side elevation view and is a mirror image of a rear side elevation view thereof;  
FIG. 4 is a bottom plan view thereof; and,  
FIG. 5 is a top plan view thereof.

**1 Claim, 5 Drawing Sheets**



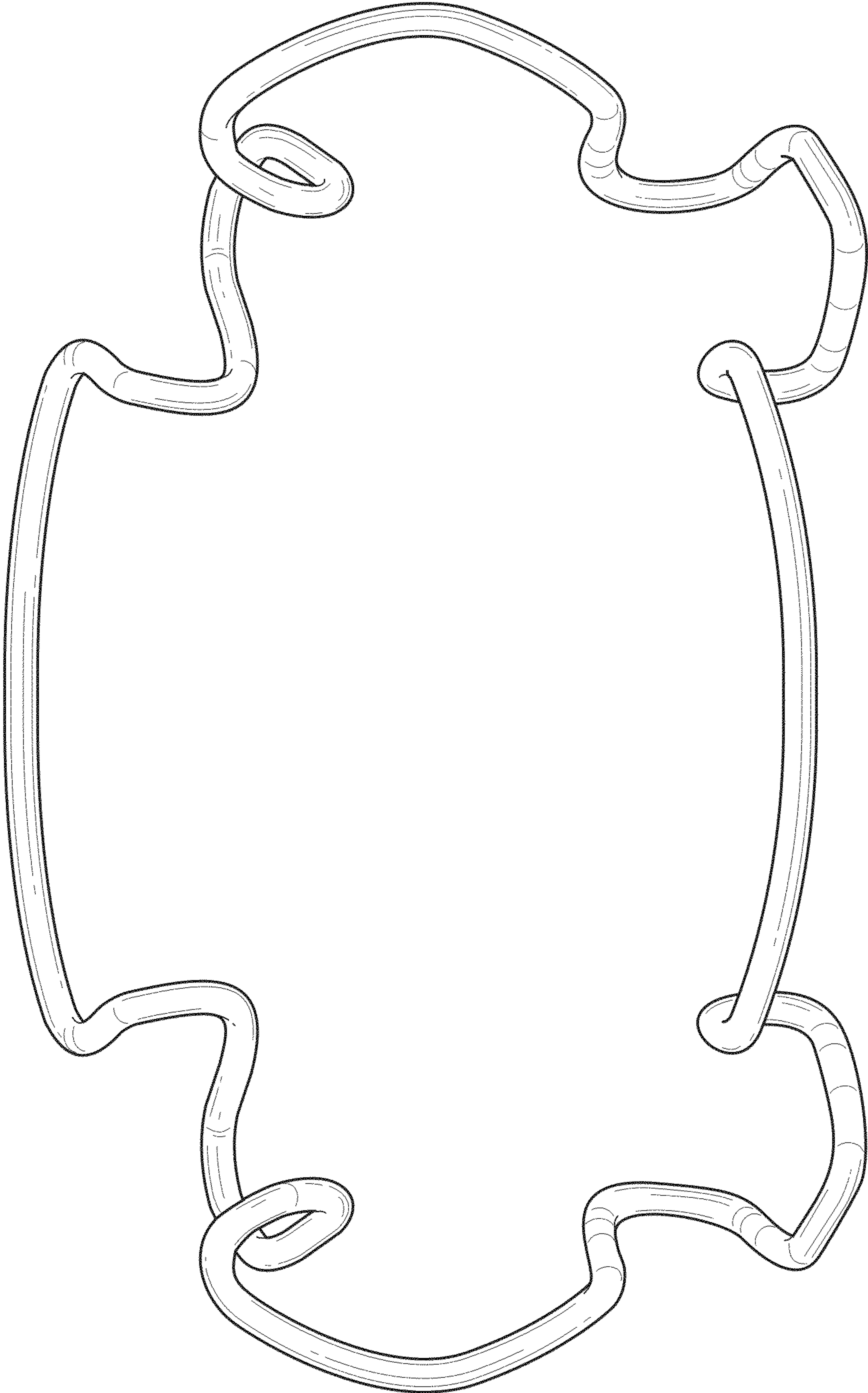


FIG. 1

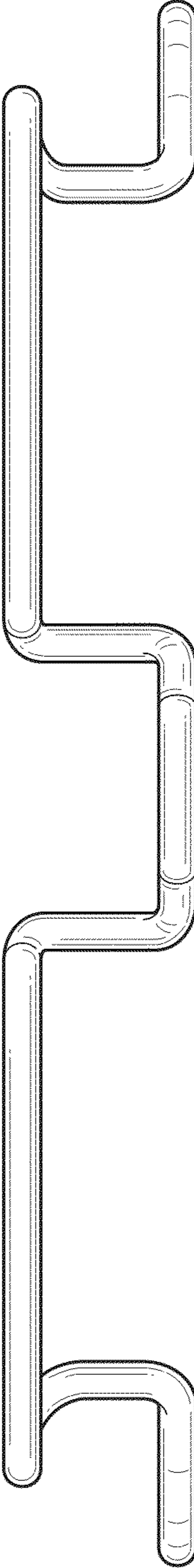


FIG. 2

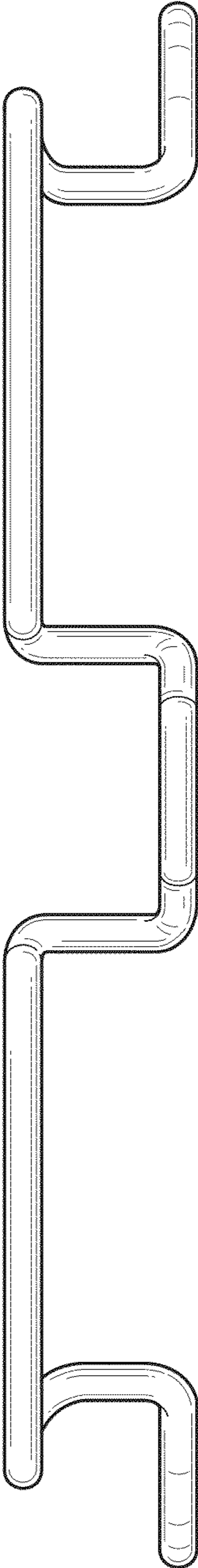


FIG. 3

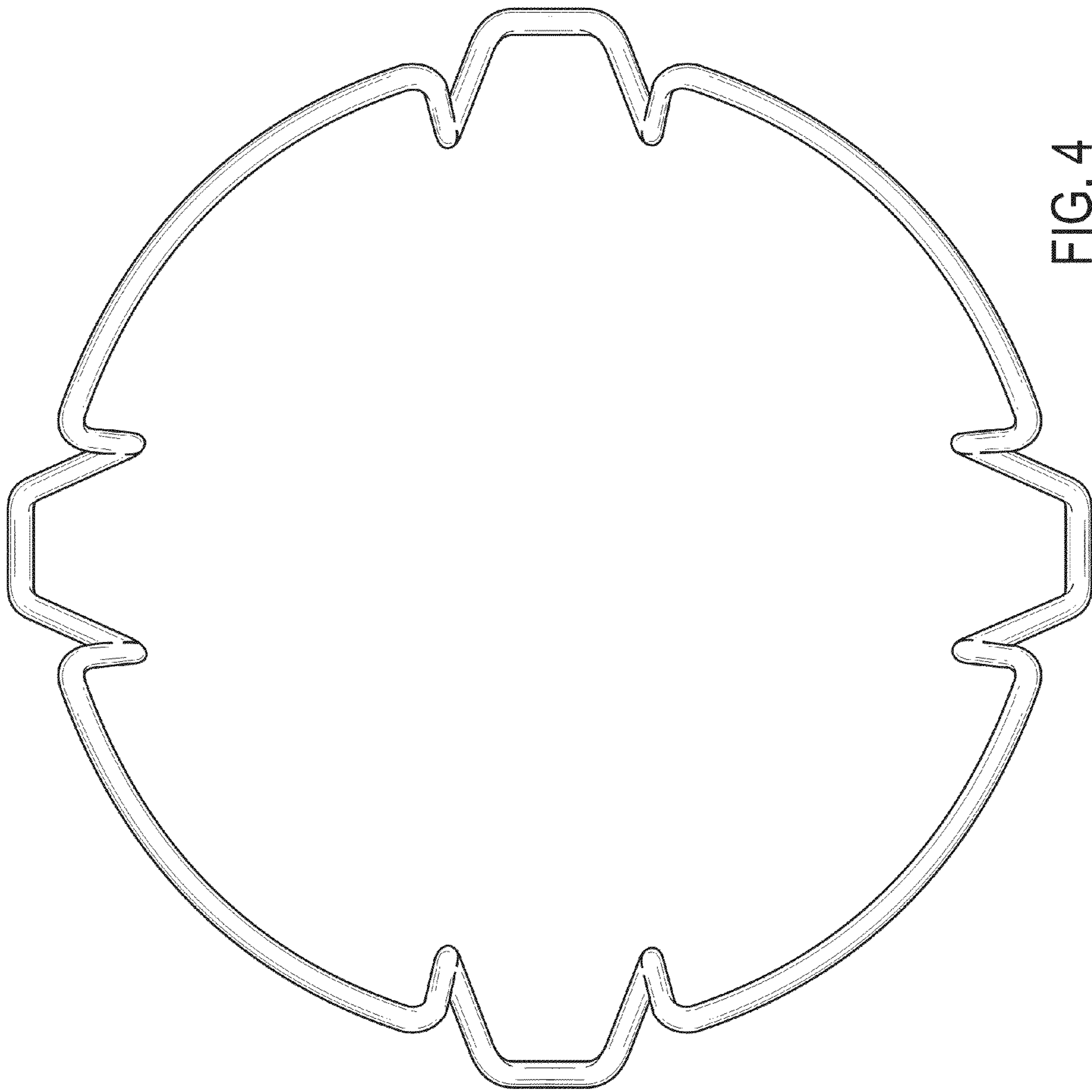


FIG. 4



