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

(10) **Patent No.:** **US D469,781 S**

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(54) **ENGINE INTAKE PORT SWIRL VANES**

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

(21) **Appl. No.:** **29/161,743**

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(51) **LOC (7) Cl.** ..... **15-01**

(52) **U.S. Cl.** ..... **D15/5**

(58) **Field of Search** ..... D15/1-5; 123/198 E,  
123/184.21, 184.53, 184.56, 592; 181/227,  
228

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(57) **CLAIM**

The ornamental design of an engine intake port swirl vanes, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the swirl vanes.

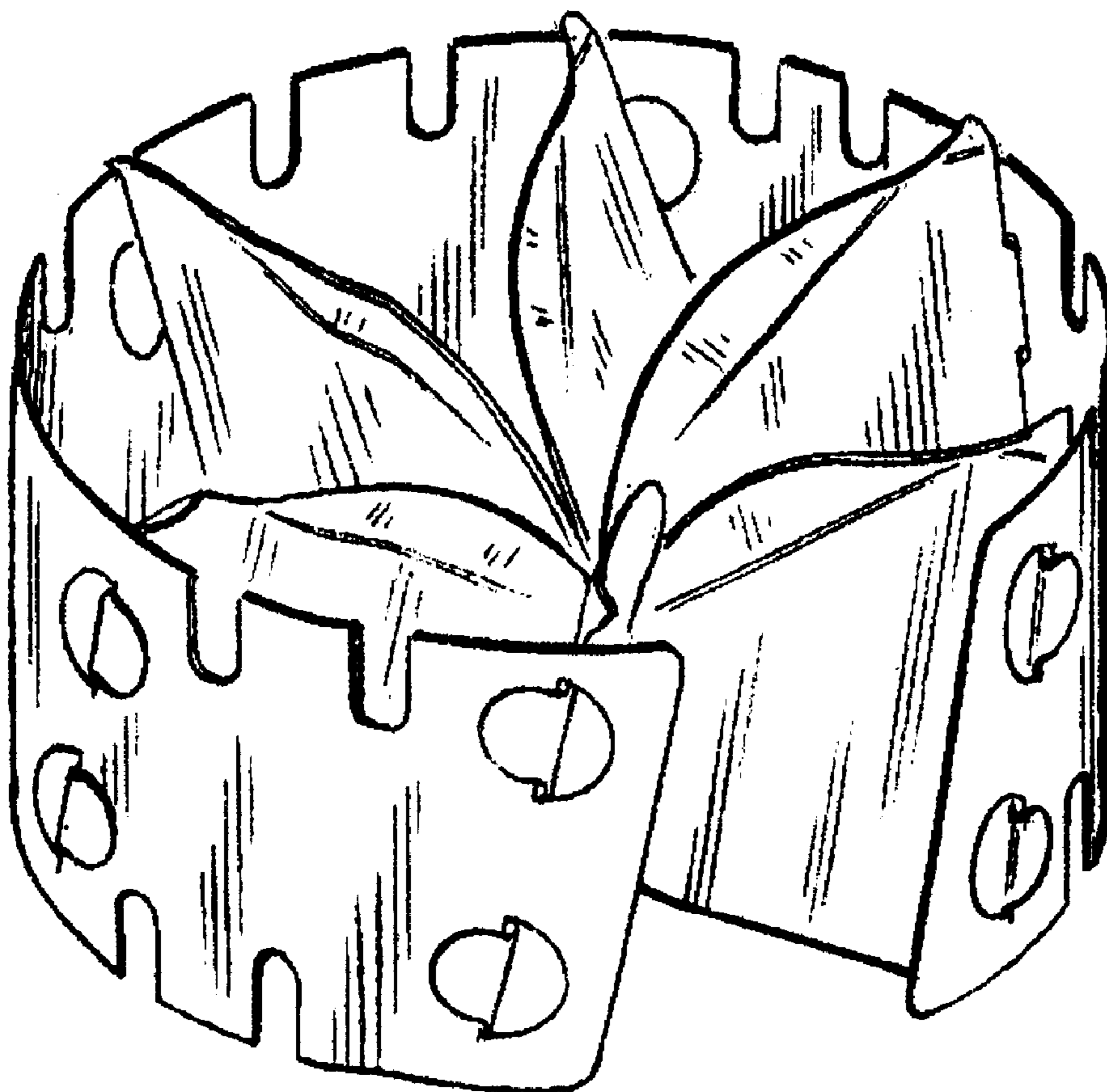
FIG. 2 is a side view showing a side opening of the swirl vanes.

FIG. 3 is a side view opposite the side opening of the swirl vanes.

FIG. 4 is a top view of the swirl vanes; and,

FIG. 5 is a bottom view of the swirl vanes.

**1 Claim, 1 Drawing Sheet**



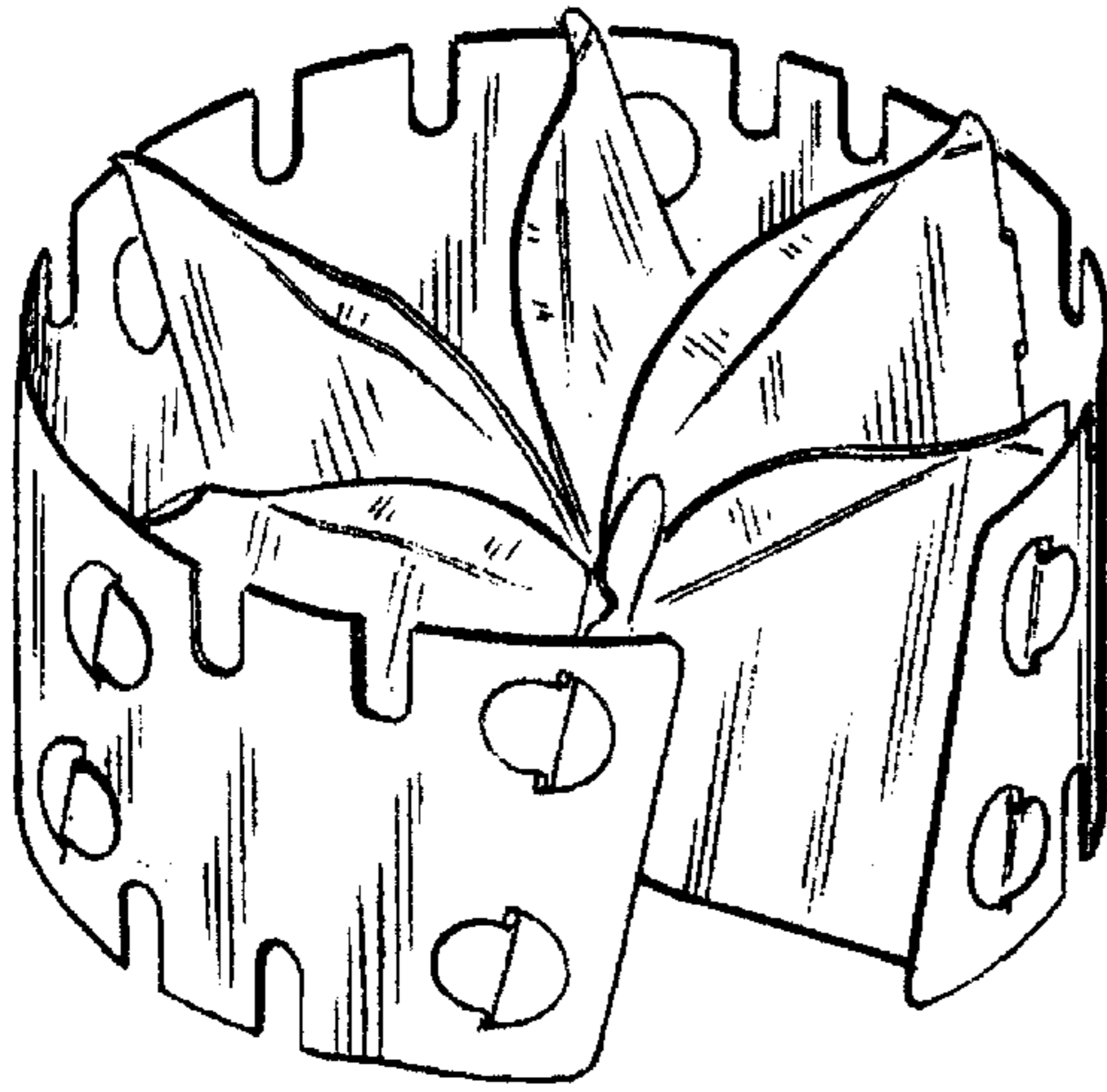


FIG. 1

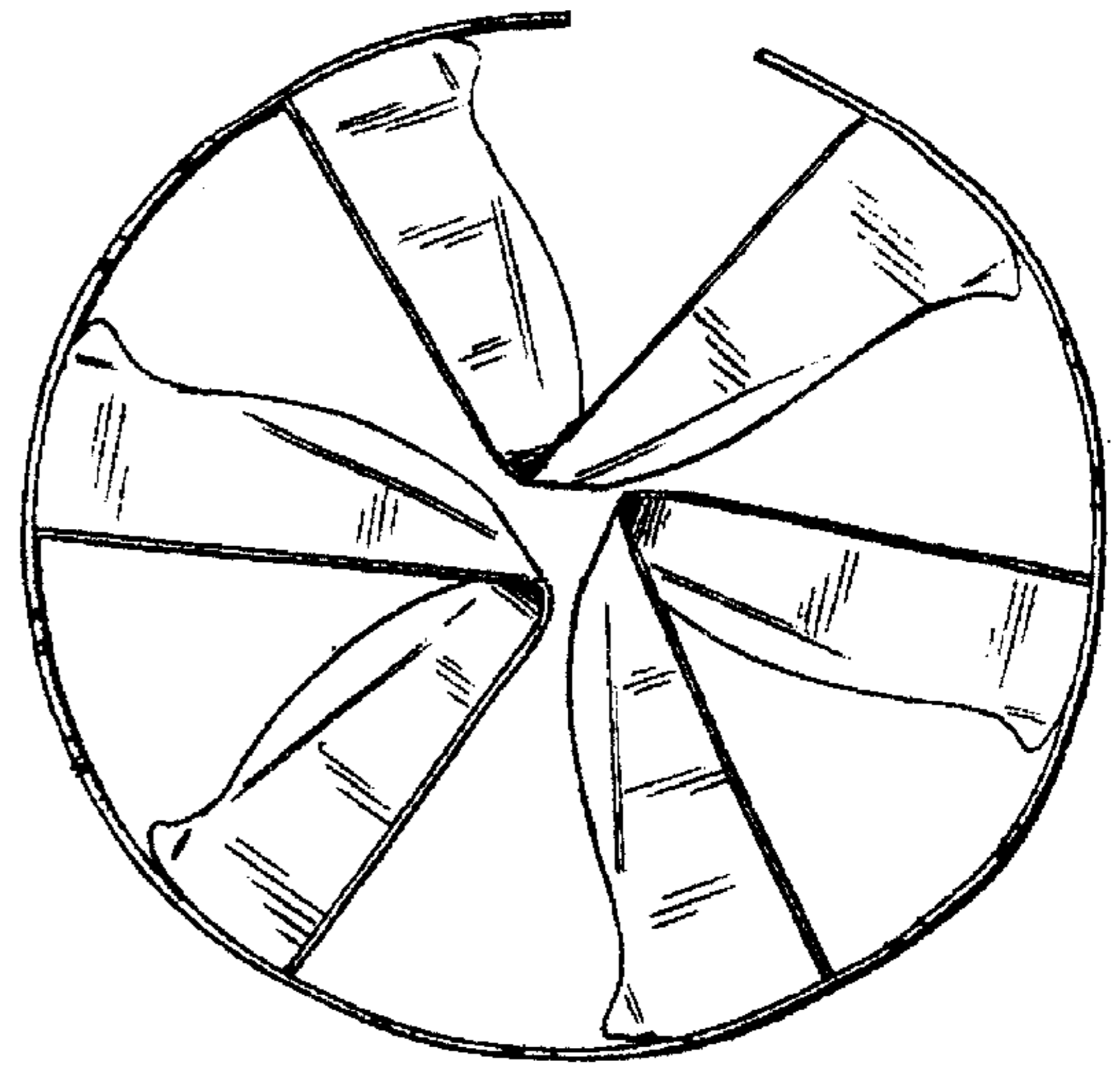


FIG. 5

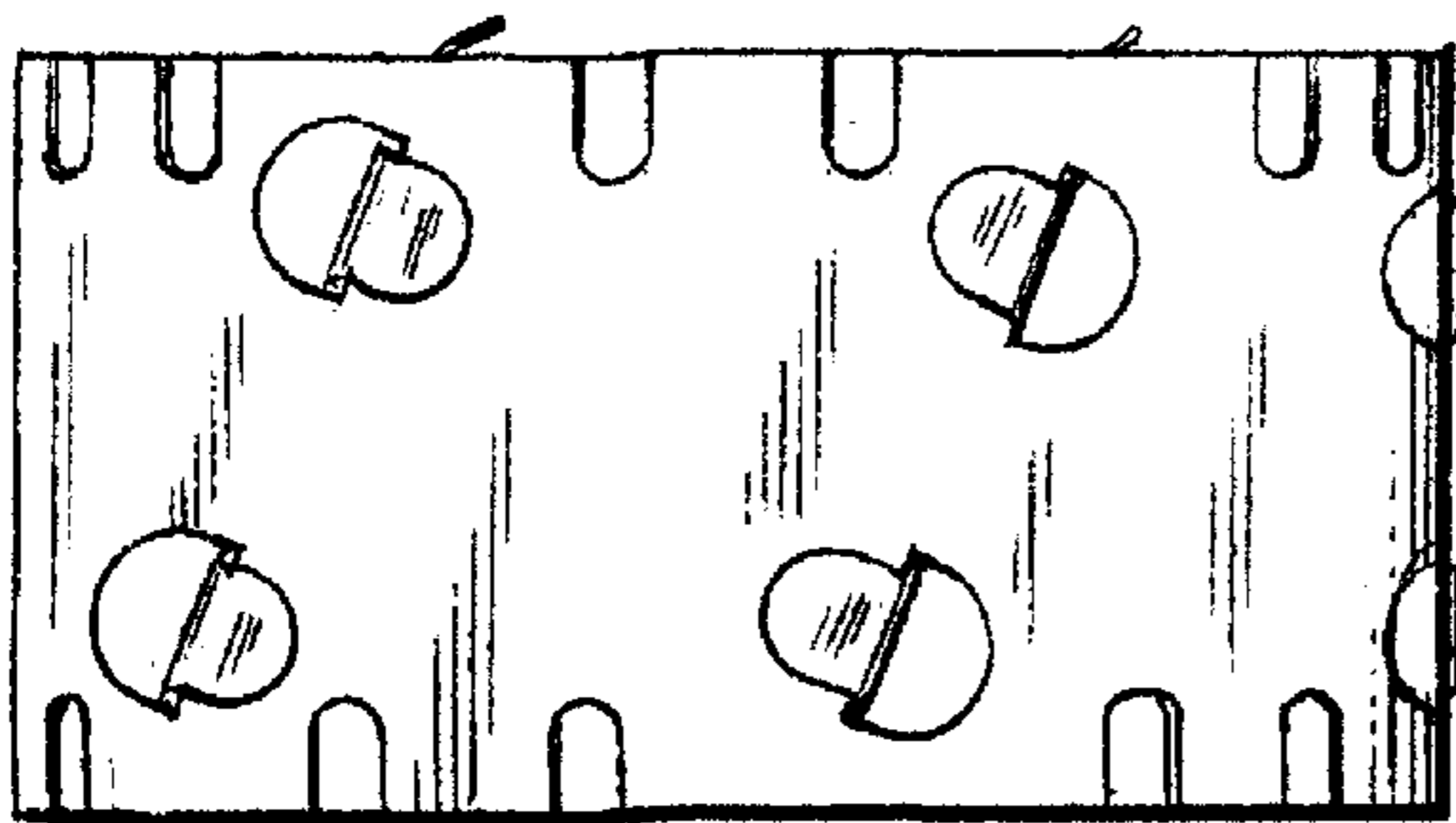


FIG. 3

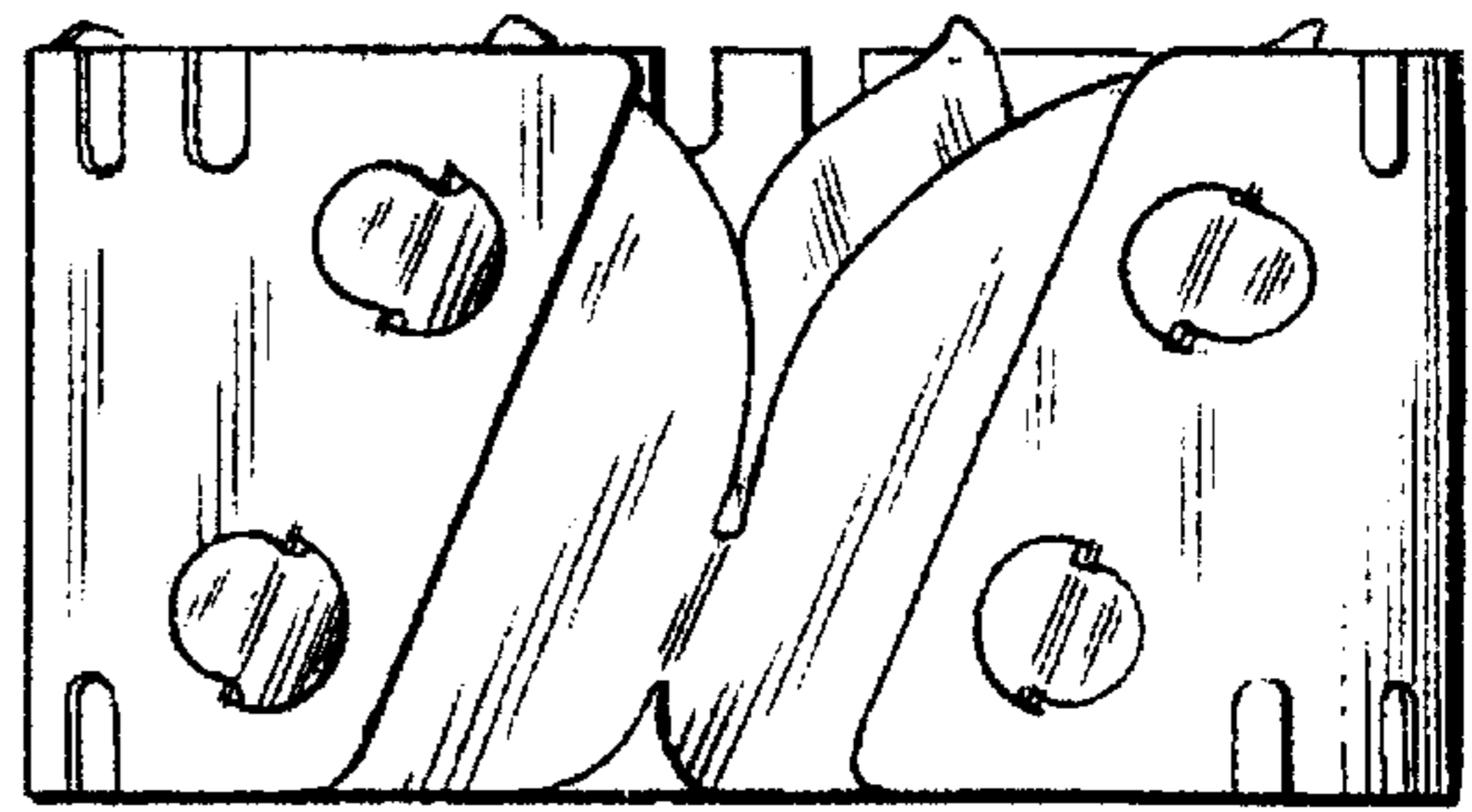


FIG. 2

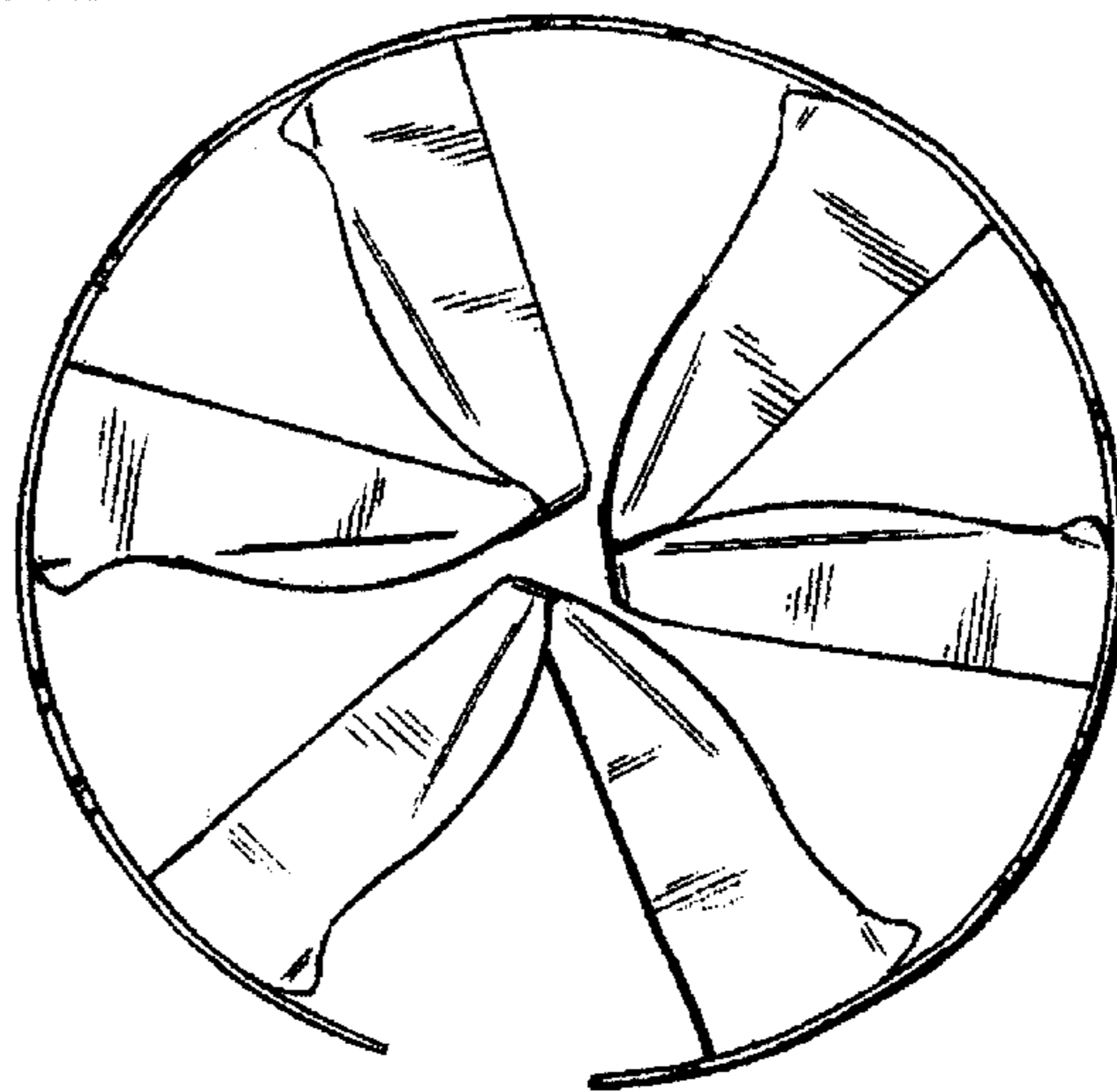


FIG. 4