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**Hill et al.**

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(54) **ULTRASONIC HORN FOR INSERTION OF Z-DIRECTION COMPOSITE RODS**

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

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(51) **LOC (7) Cl.** ..... **15-09**

(52) **U.S. Cl.** ..... **D15/144; D8/30**

(58) **Field of Search** ..... D8/30; D15/144;  
116/137 A; 228/110.1, 1.1; 156/580.1, 580.2

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(57) **CLAIM**

The ornamental design for an ultrasonic horn for insertion of z-direction composite rods, as shown.

**DESCRIPTION**

FIG. 1 is a perspective view of the ornamental design of an ultrasonic horn for insertion of z-direction composite rods showing our new design. The broken lines show the environment and do not form a part of the design of the claimed invention.

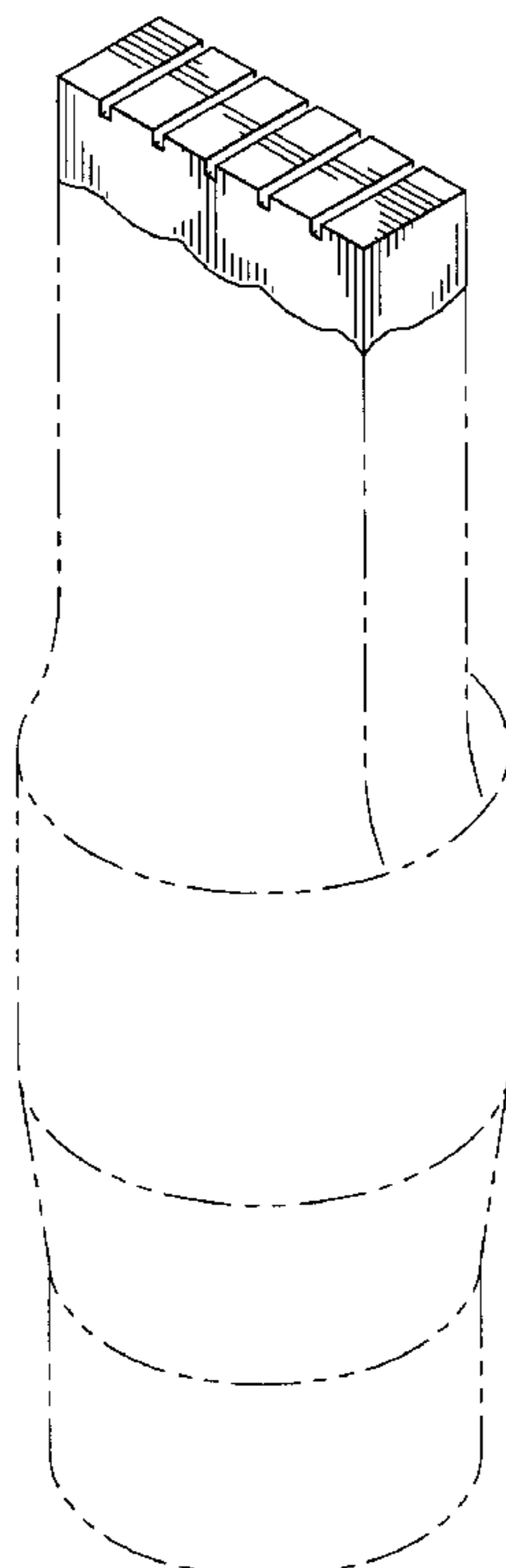
FIG. 2 is an enlarged perspective view of the ultrasonic horn for insertion of z-direction composite rods;

FIG. 3 is a top view of the ultrasonic horn for insertion of z-direction composite rods;

FIG. 4 is a front view of the ultrasonic horn for insertion of z-direction composite rods; and,

FIG. 5 is a side view of the ultrasonic horn for insertion of z-direction composite rods.

**1 Claim, 1 Drawing Sheet**



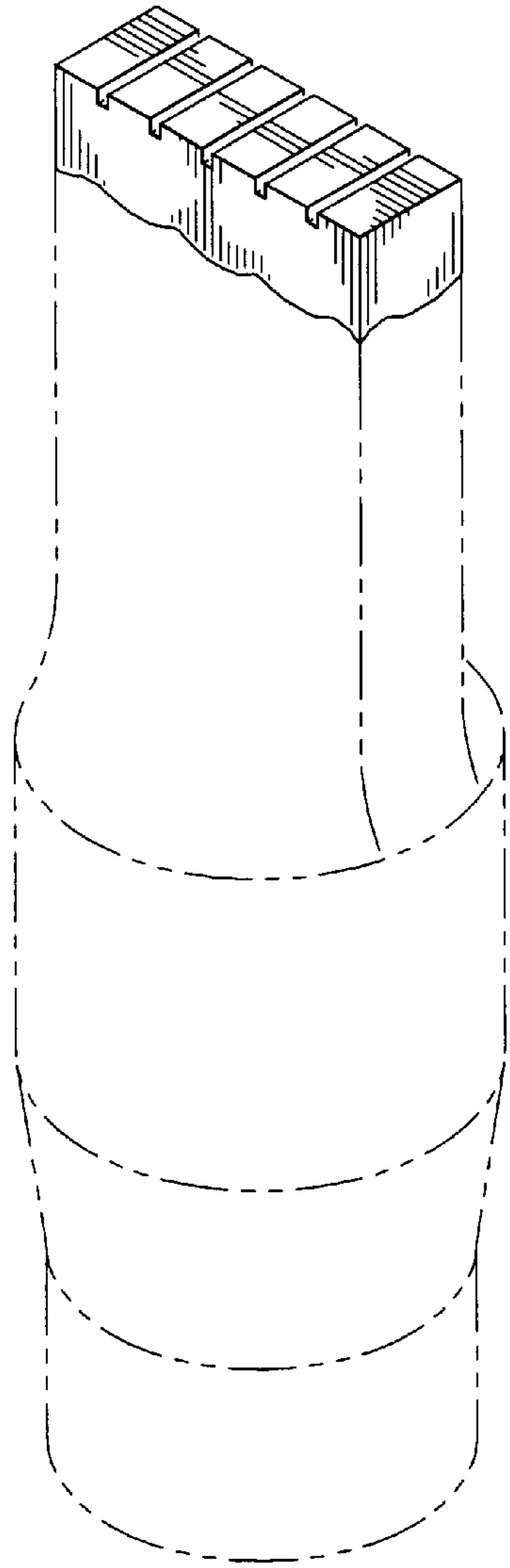


FIG. 1

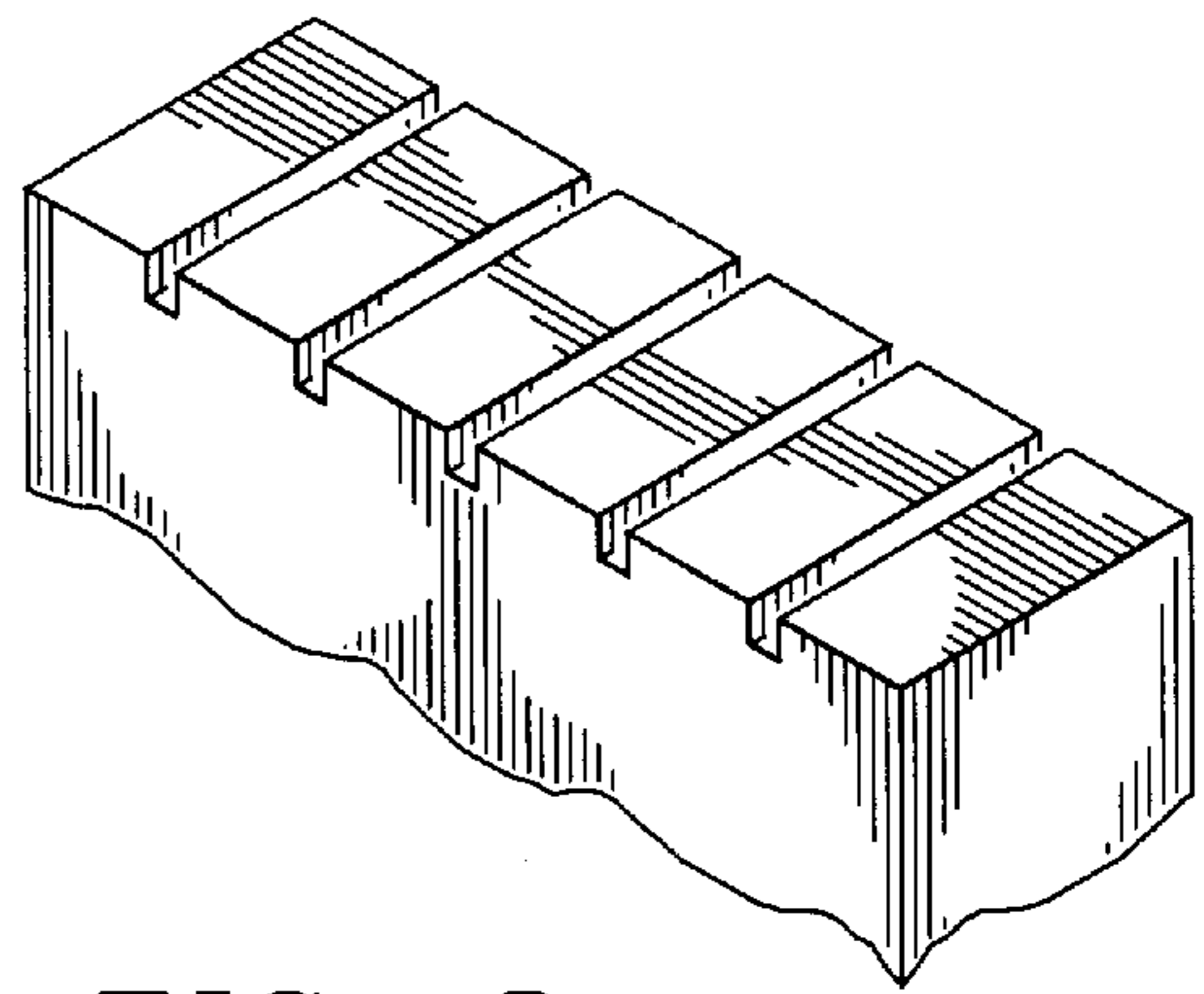


FIG. 2

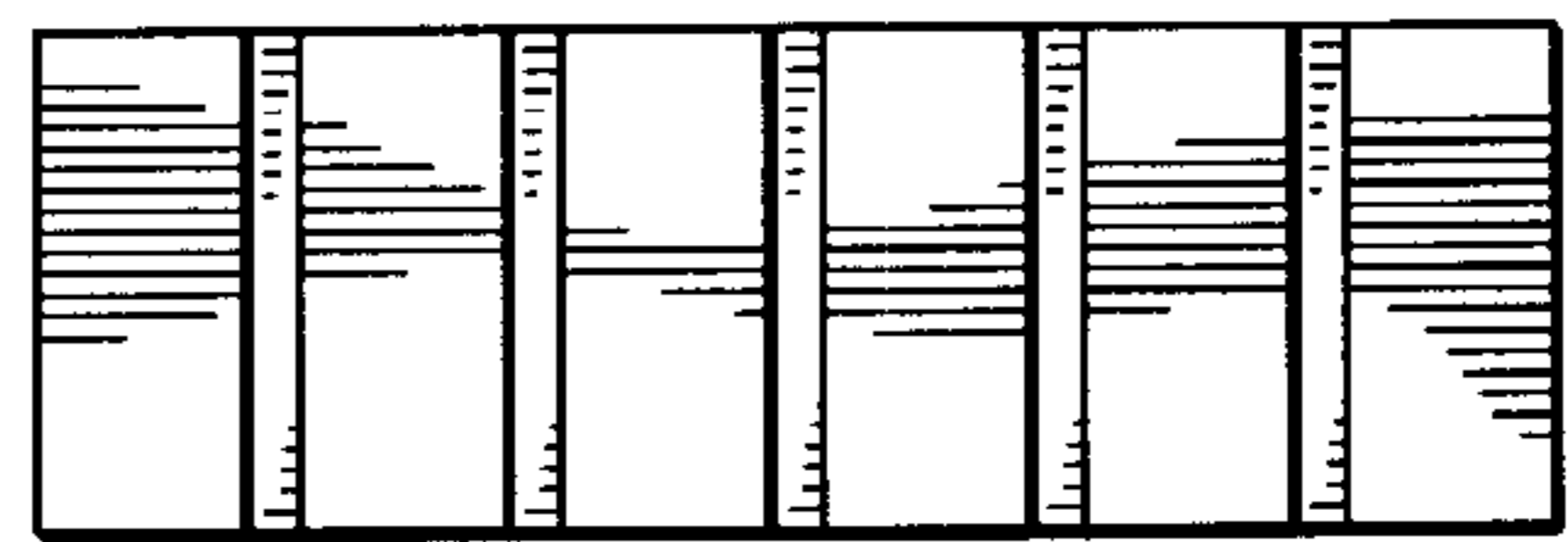


FIG. 3

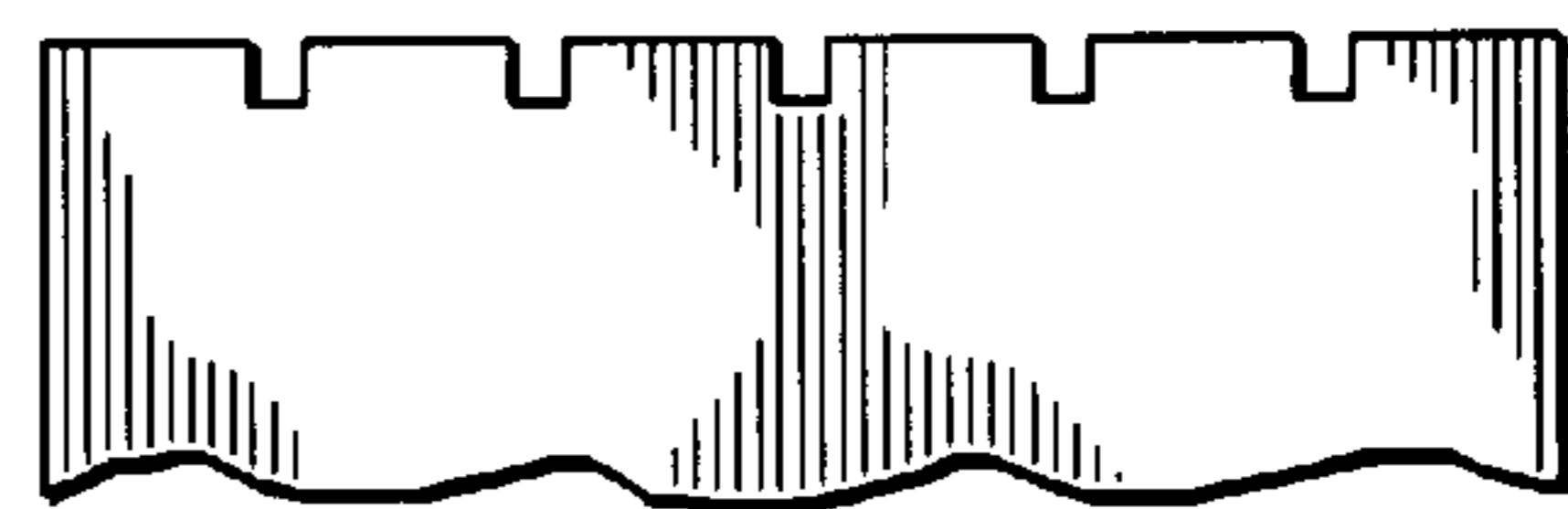


FIG. 4

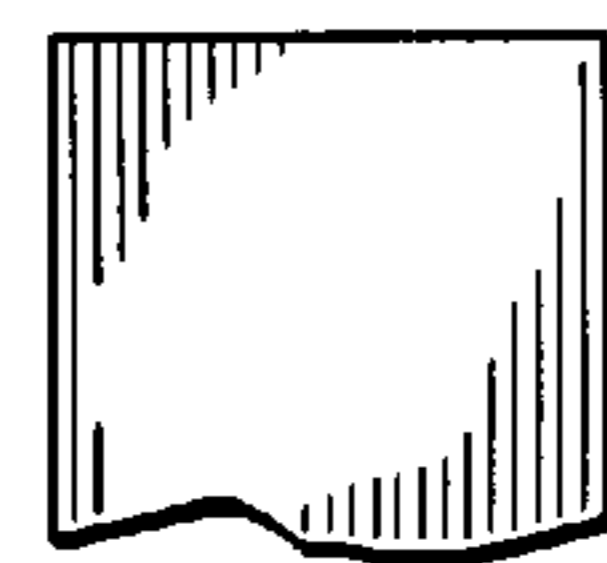


FIG. 5