

US00D894848S

(12) **United States Design Patent** (10) **Patent No.:** **US D894,848 S**  
**Ice et al.** (45) **Date of Patent:** **\*\* Sep. 1, 2020**

(54) **LIGHTWEIGHT HEAT SINK**  
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(\*\*) Term: **15 Years**

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(21) Appl. No.: **29/709,187**

(Continued)

(22) Filed: **Oct. 11, 2019**

**OTHER PUBLICATIONS**

**Related U.S. Application Data**

Fischer Elektronik, "New retaining springs for transistors for fitting to heatsinks etc.", Posted on Aug. 8, 2006. (<https://www.fischerelektronik.de/en/latest-news/press-releases/releases/new-retaining-springs-for-transistors-for-fitting-to-heatsinks-etc/>) (Year: 2006).\*

(62) Division of application No. 29/605,144, filed on May 24, 2017, now Pat. No. Des. 878,312.

(51) **LOC (12) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/179**

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(58) **Field of Classification Search**  
USPC ..... D13/179; D26/138, 141, 152, 142, 63; D8/394, 354, 395  
CPC . H05K 7/20254; H05K 7/20418; F28F 3/022; F28F 3/04; F28F 21/065; H01L 23/367; H01L 23/3672; H01L 23/3677; H01L 23/36; H01L 23/4006; A61B 17/50; G02B 1/111; A61M 37/0015  
See application file for complete search history.

(57) **CLAIM**  
The ornamental design for a lightweight heat sink, as shown and described.

(56) **References Cited**

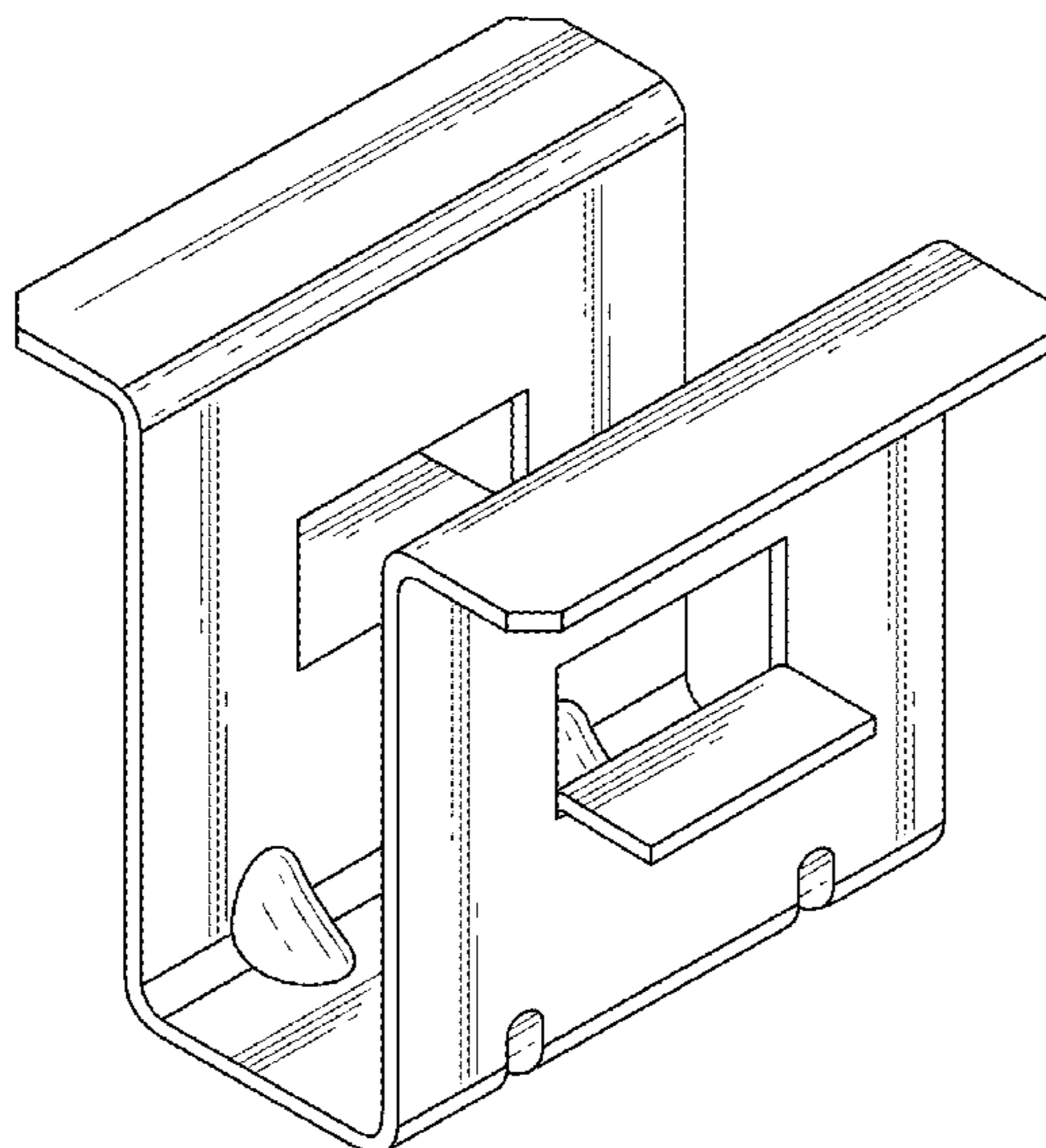
**DESCRIPTION**

**U.S. PATENT DOCUMENTS**

FIG. 1 is a top perspective view of the new design for a lightweight, heat sink as seen from the front, top;  
FIG. 2 is a top plan view thereof;  
FIG. 3 is a bottom plan view thereof;  
FIG. 4 is a front elevational view thereof;  
FIG. 5 is a rear elevational view thereof;  
FIG. 6 is a right side elevational view thereof, the opposite side view being a mirror image thereof; and,  
FIG. 7 is a bottom perspective view thereof.

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**1 Claim, 7 Drawing Sheets**



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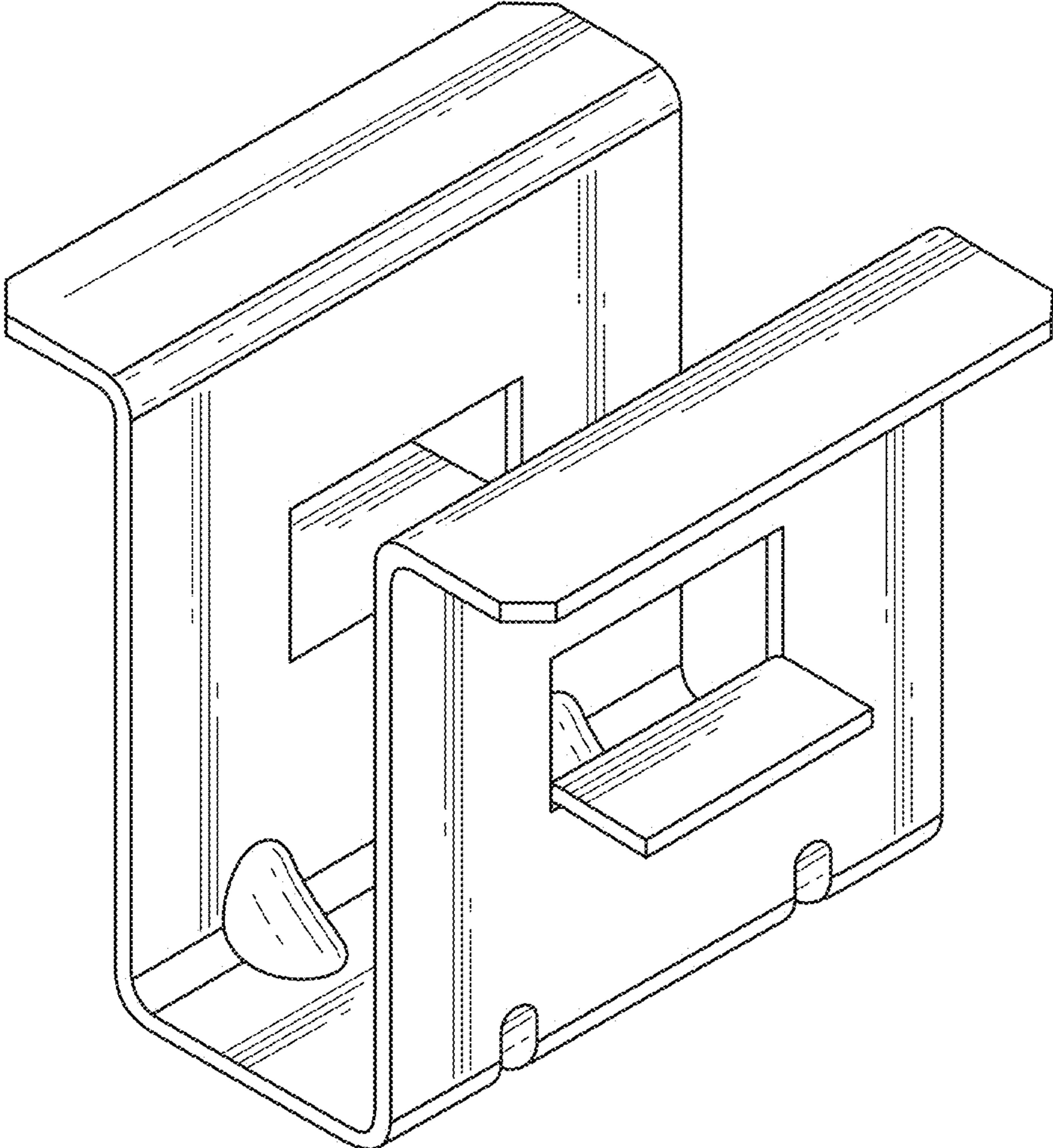


FIG. 1

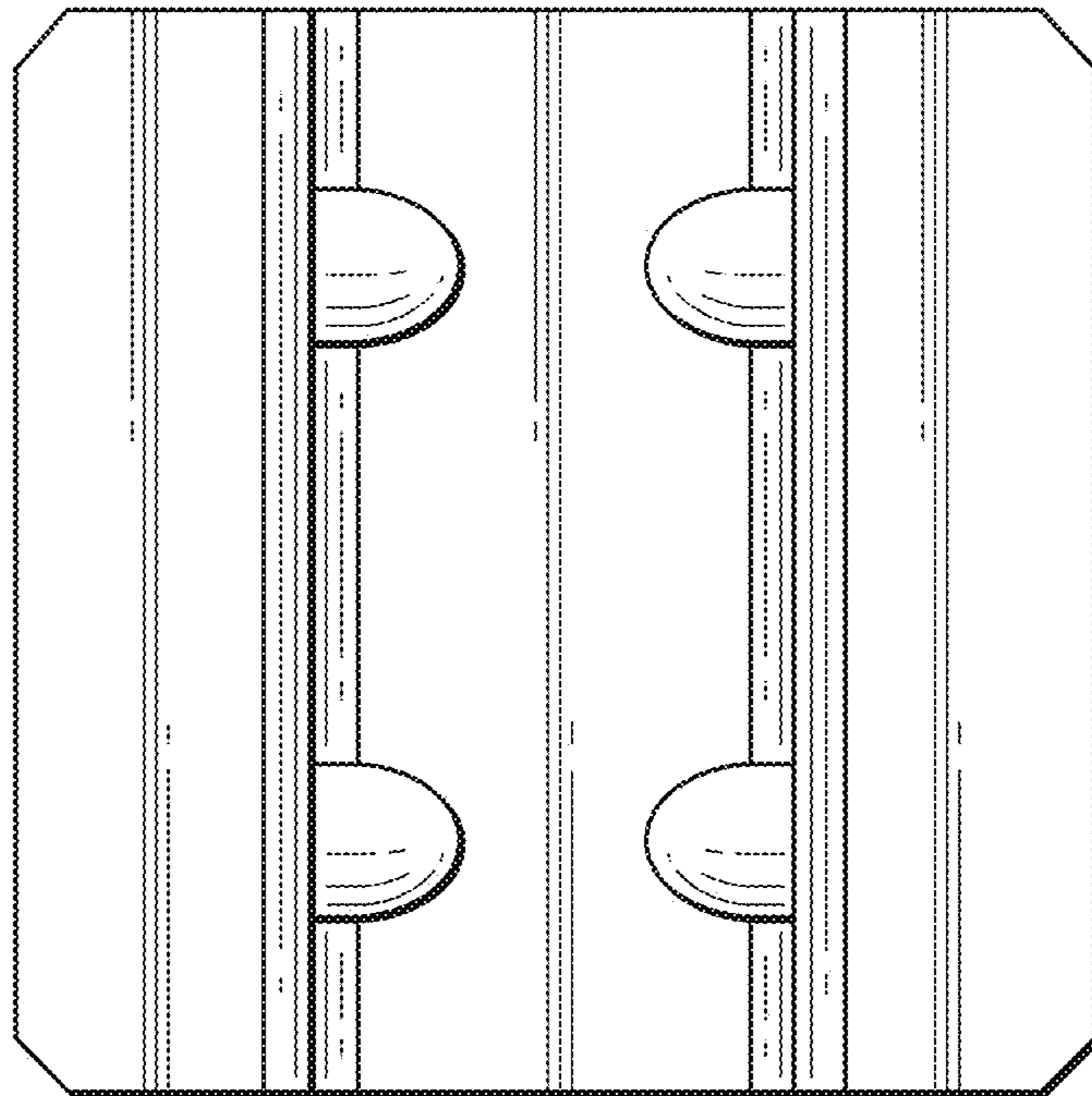


FIG. 2

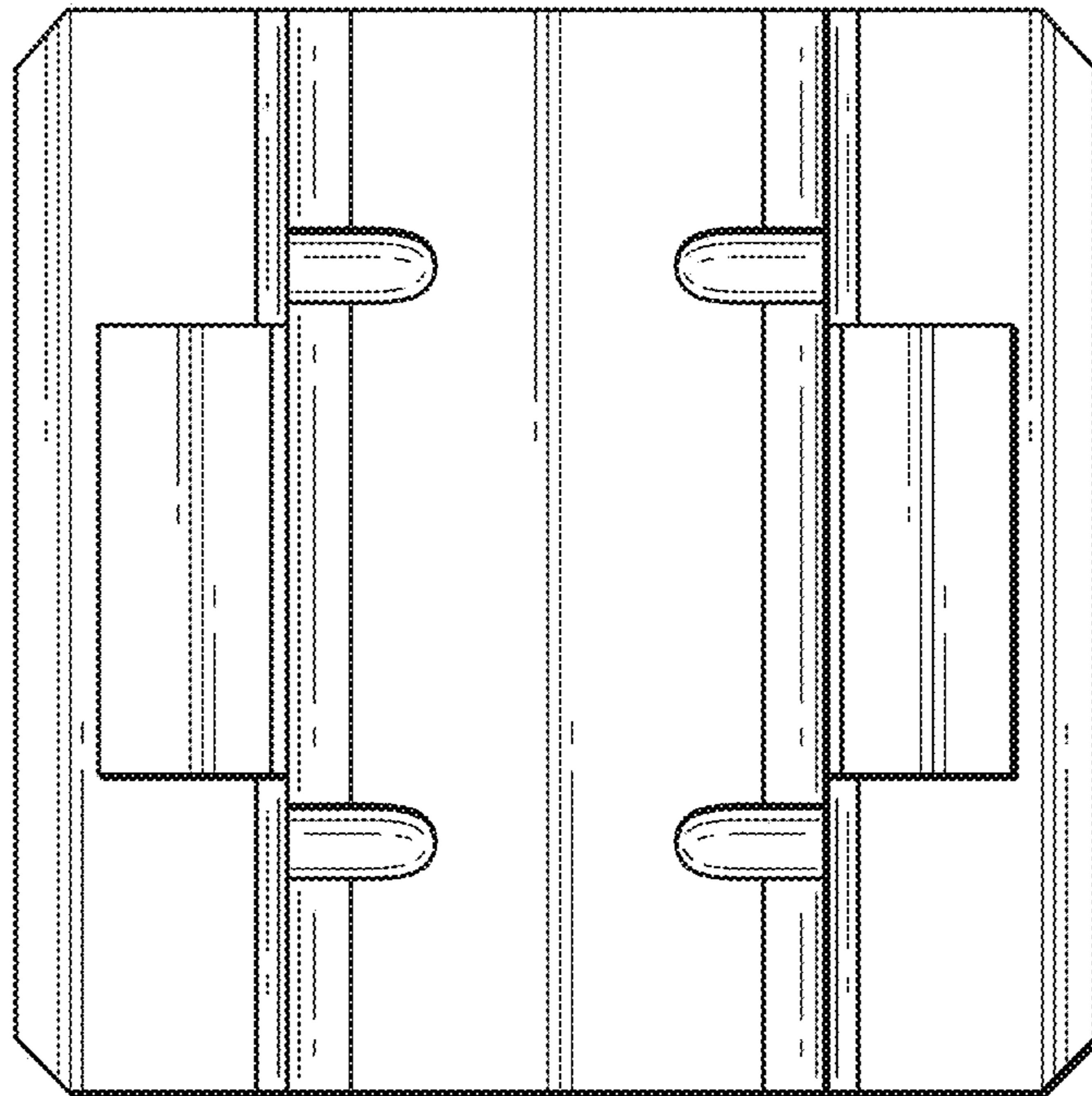


FIG. 3

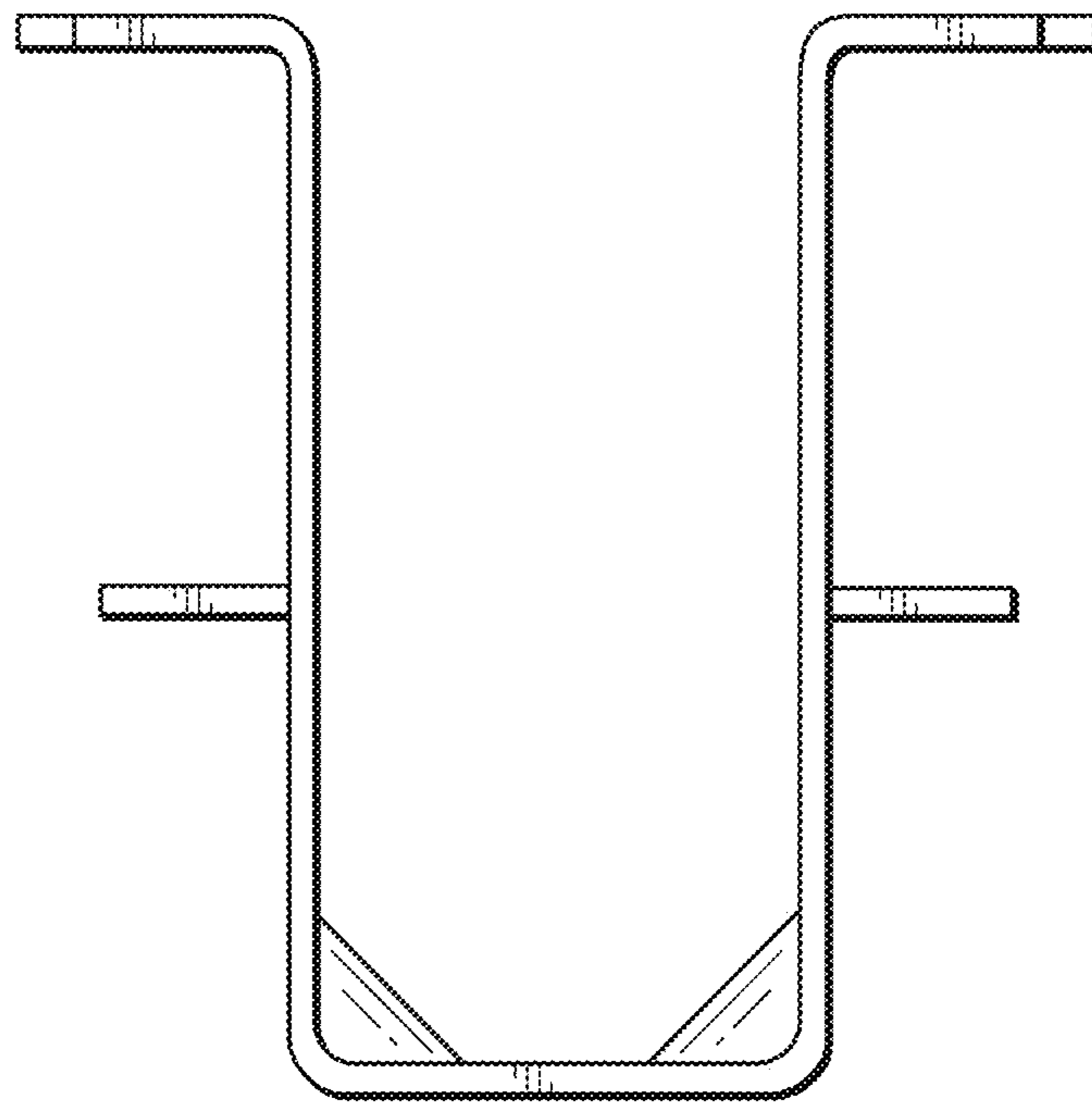


FIG. 4

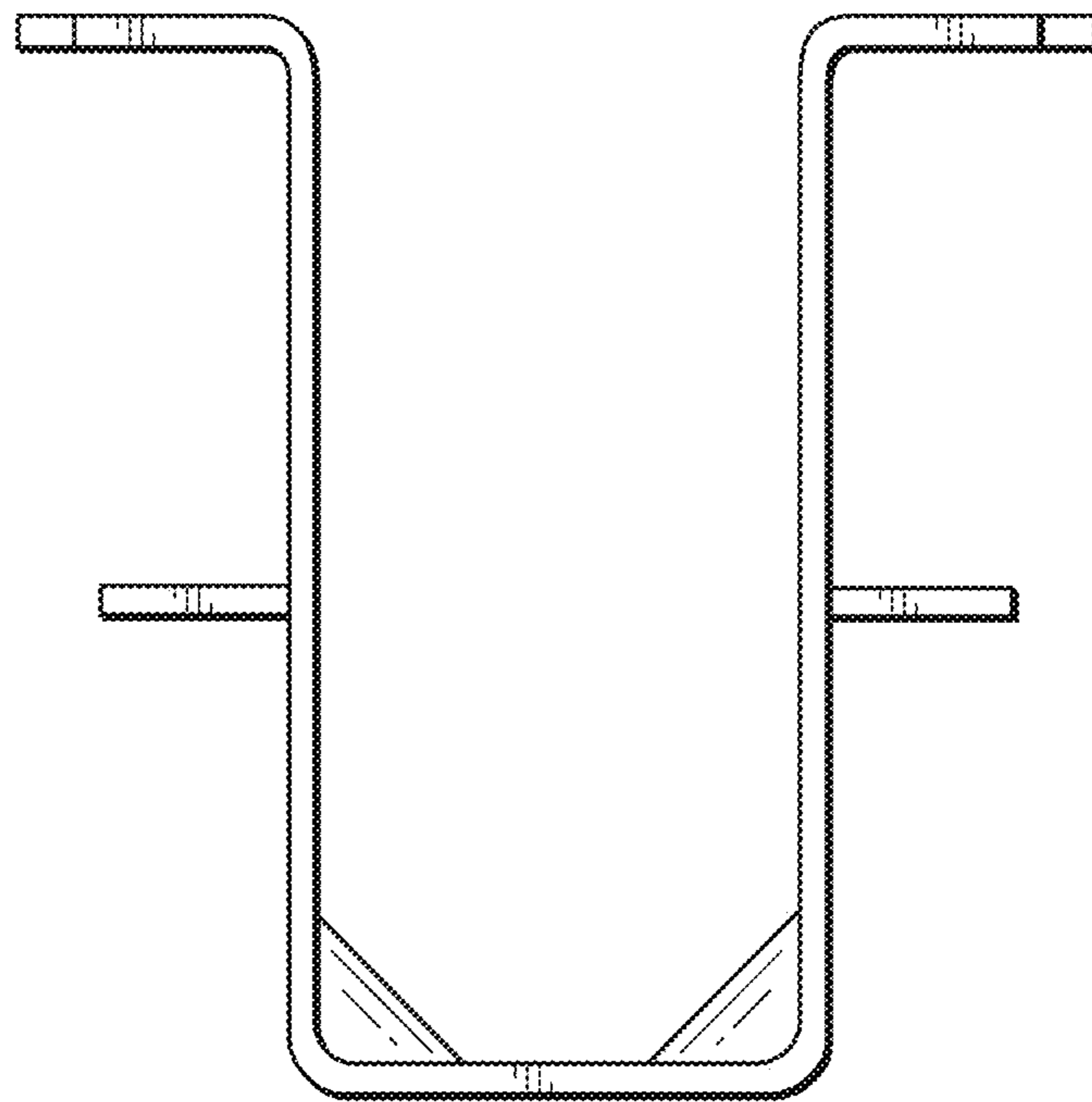


FIG. 5

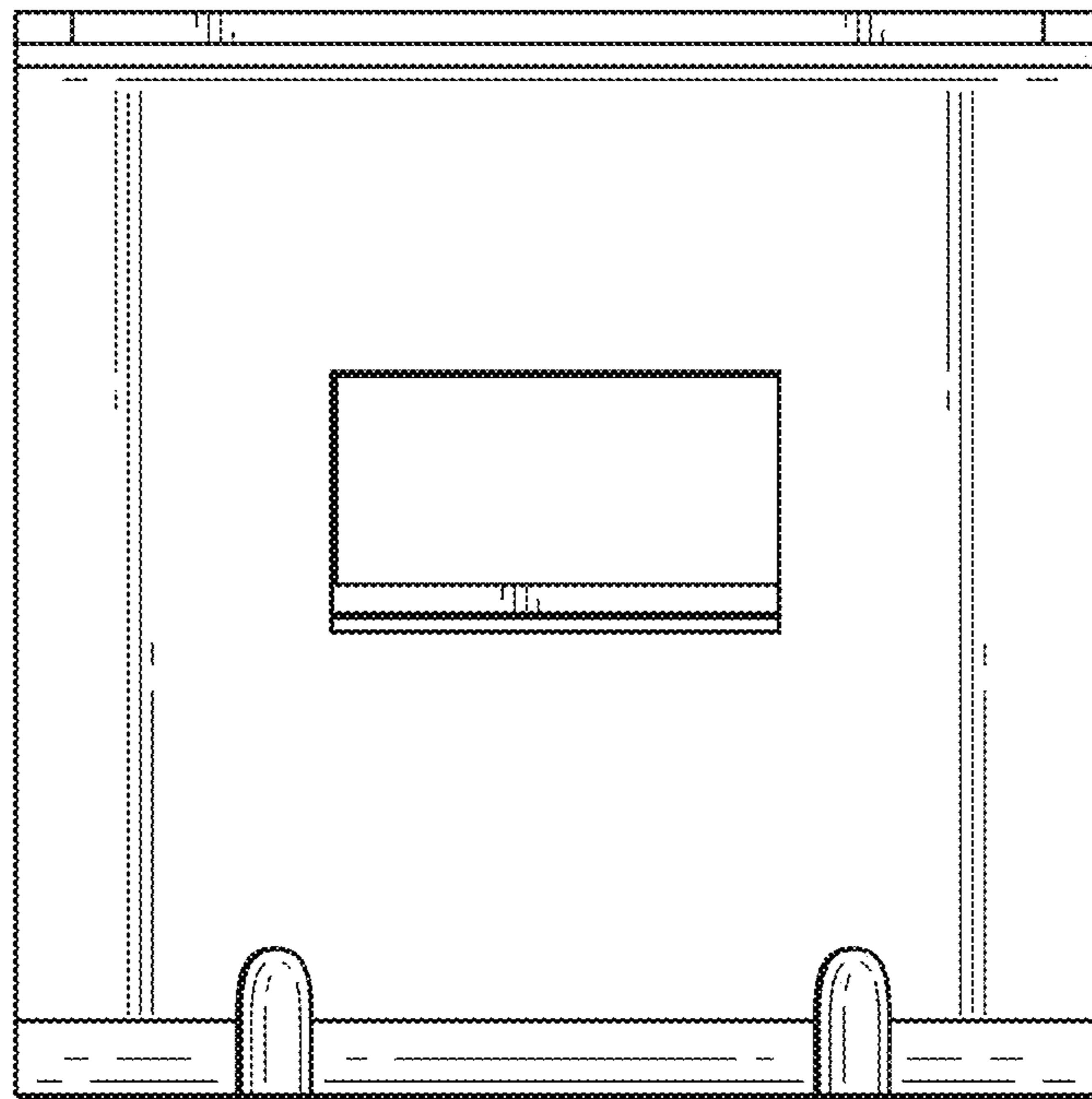


FIG. 6



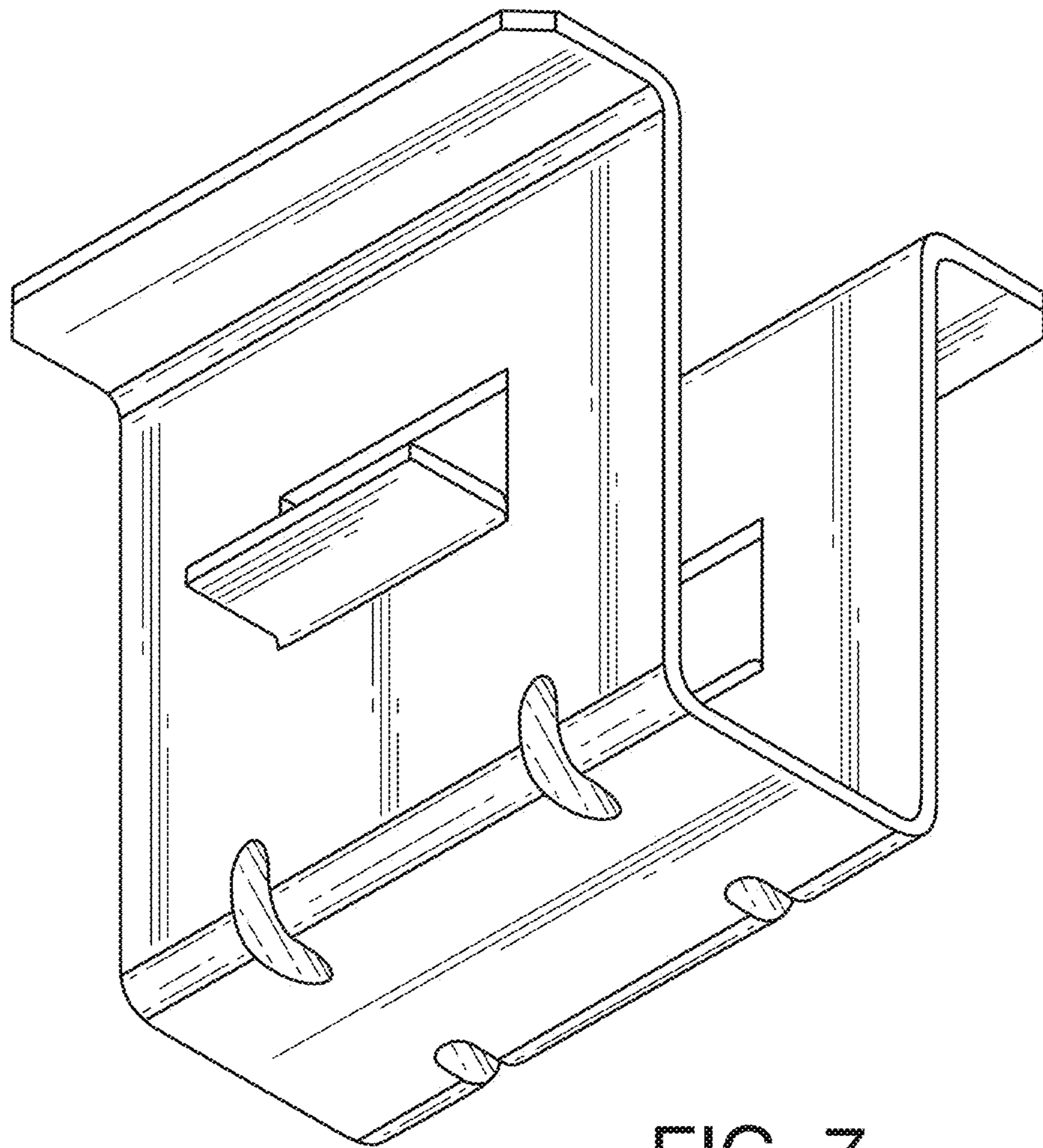


FIG. 7