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(12) **United States Design Patent** (10) **Patent No.:** **US D946,147 S**  
**Wilson et al.** (45) **Date of Patent:** **\*\* Mar. 15, 2022**

(54) **SURGICAL RETRACTOR**

(56) **References Cited**

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U.S. PATENT DOCUMENTS

(72) Inventors: **Madeline G. Wilson**, Memphis, TN (US); **Mladen G. Djurasovic**, Louisville, KY (US); **Charles Hopkins Crawford, III**, Prospect, KY (US); **Jeffrey Lynn Gum**, Crestwood, KY (US); **Roger Kirk Owens, II**, Prospect, KY (US)

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(\*\*) Term: **15 Years**

\* cited by examiner

(21) Appl. No.: **29/782,254**

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(57) **CLAIM**

The ornamental design for a surgical retractor, as shown and described.

**Related U.S. Application Data**

**DESCRIPTION**

(63) Continuation of application No. 16/272,640, filed on Feb. 11, 2019.

(51) **LOC (13) Cl.** ..... **24-02**

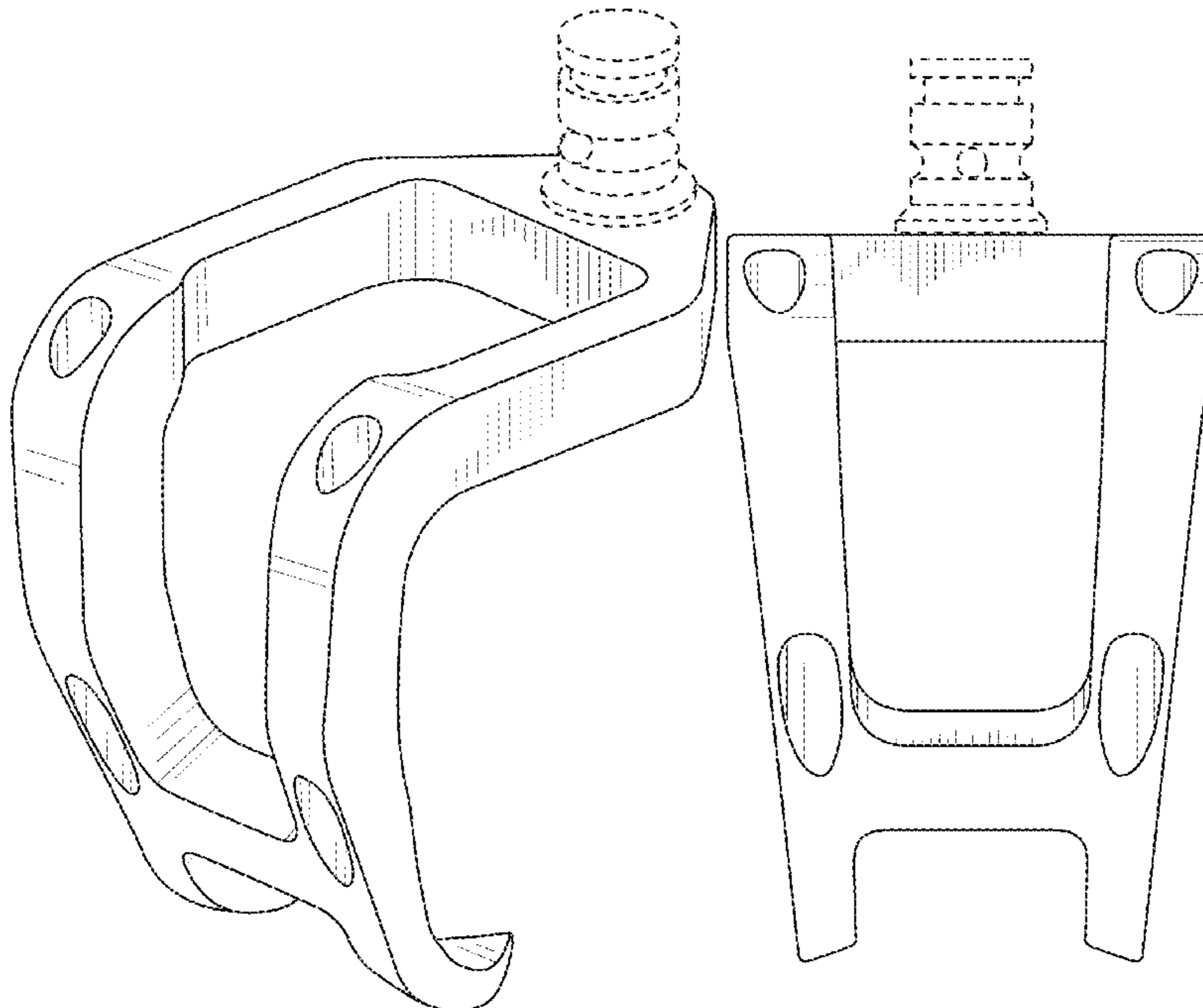
(52) **U.S. Cl.**  
USPC ..... **D24/135**

(58) **Field of Classification Search**  
USPC ..... D24/135, 133  
CPC ..... A61B 17/0206; A61B 34/30; A61B 90/50;  
A61B 2017/00407; A61B 17/0218; A61B  
2017/0256

FIG. 1 is a perspective view of a surgical retractor;  
FIG. 2 is a front view of the surgical retractor;  
FIG. 3 is a side view of the surgical retractor;  
FIG. 4 is a back view of the surgical retractor;  
FIG. 5 is a side view of the surgical retractor;  
FIG. 6 is a top view of the surgical retractor; and,  
FIG. 7 is a bottom view of the surgical retractor.  
The broken lines in the figures are for illustrative purposes and form no part of the claimed design.

See application file for complete search history.

**1 Claim, 7 Drawing Sheets**



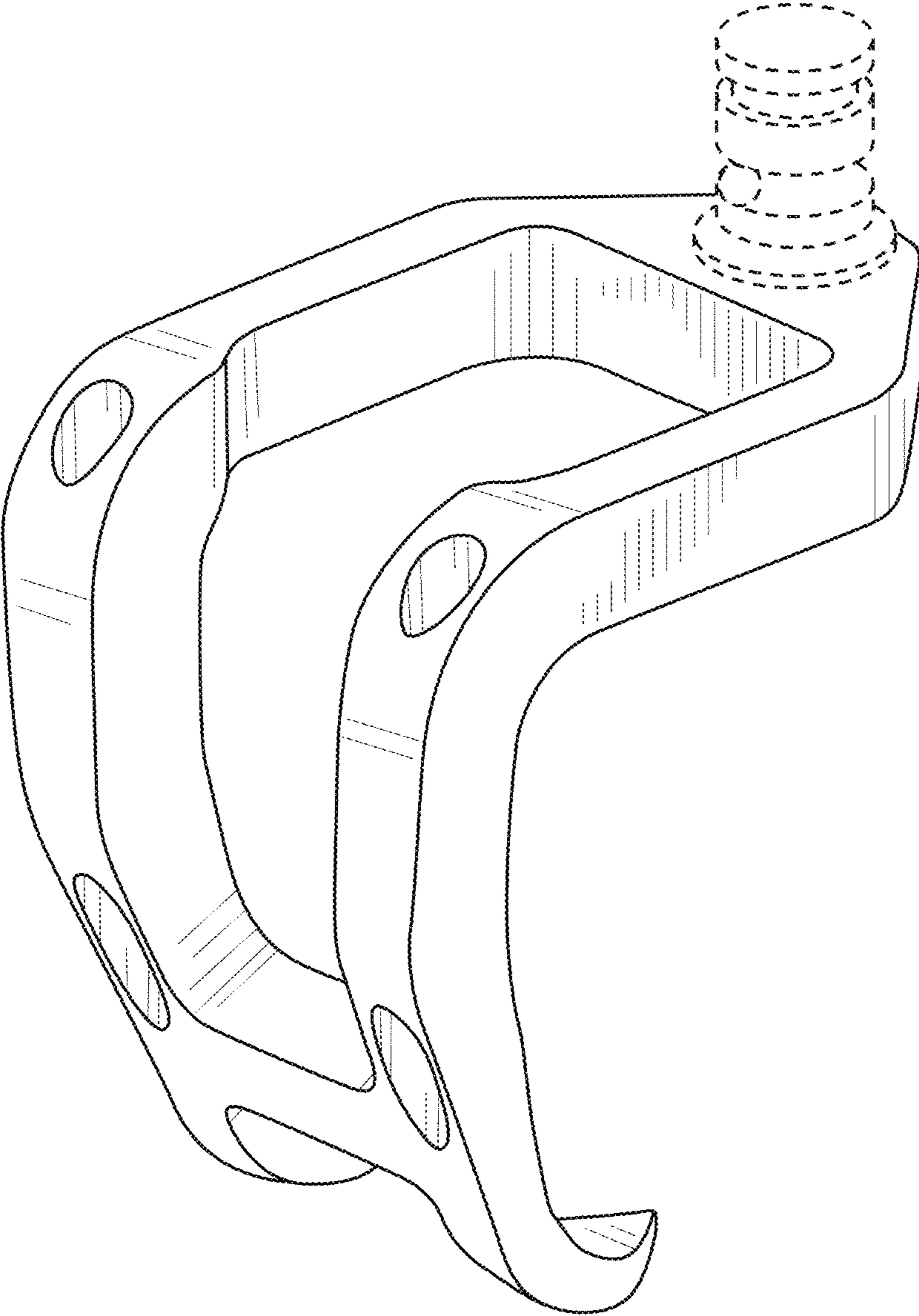
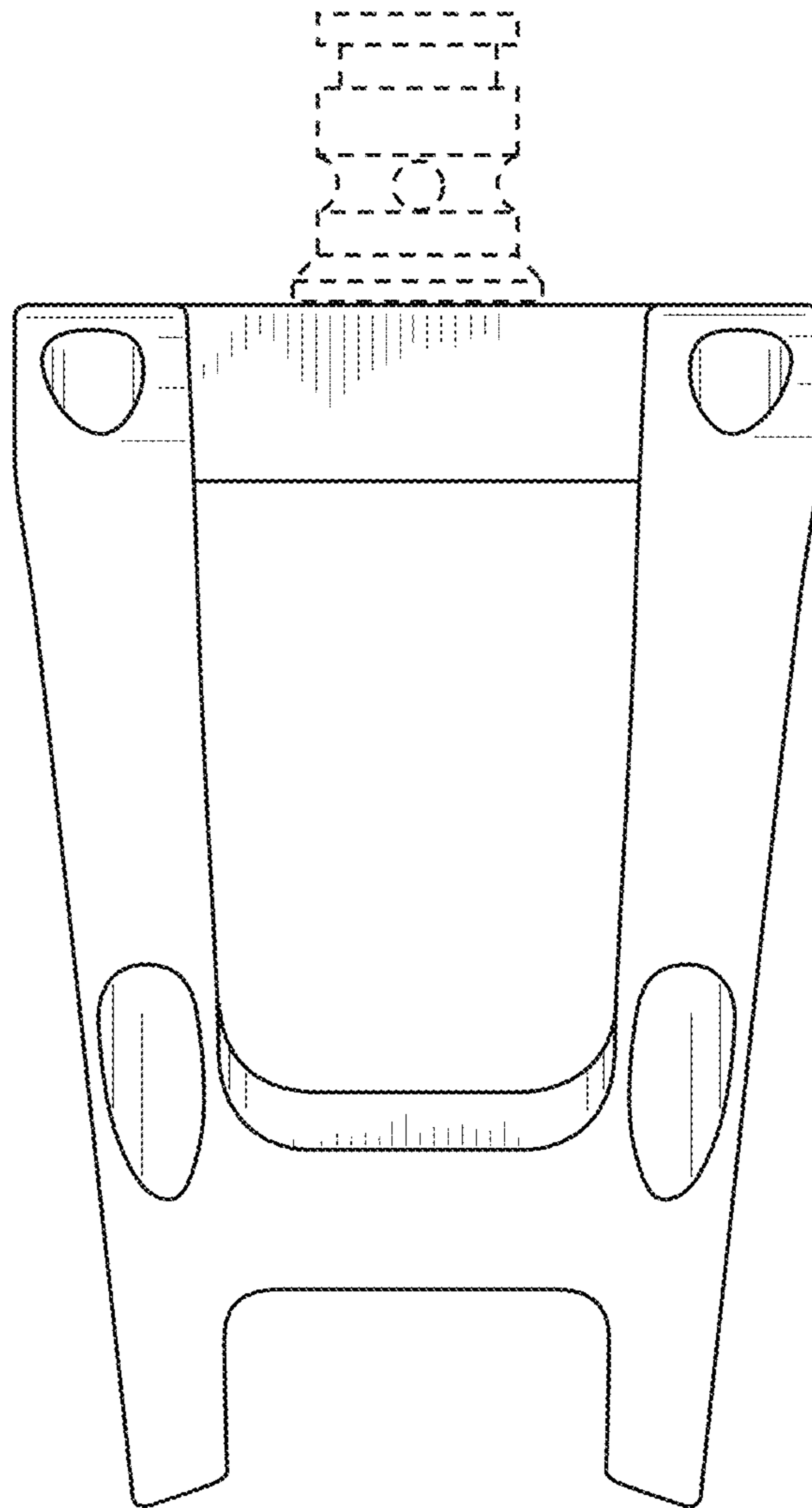
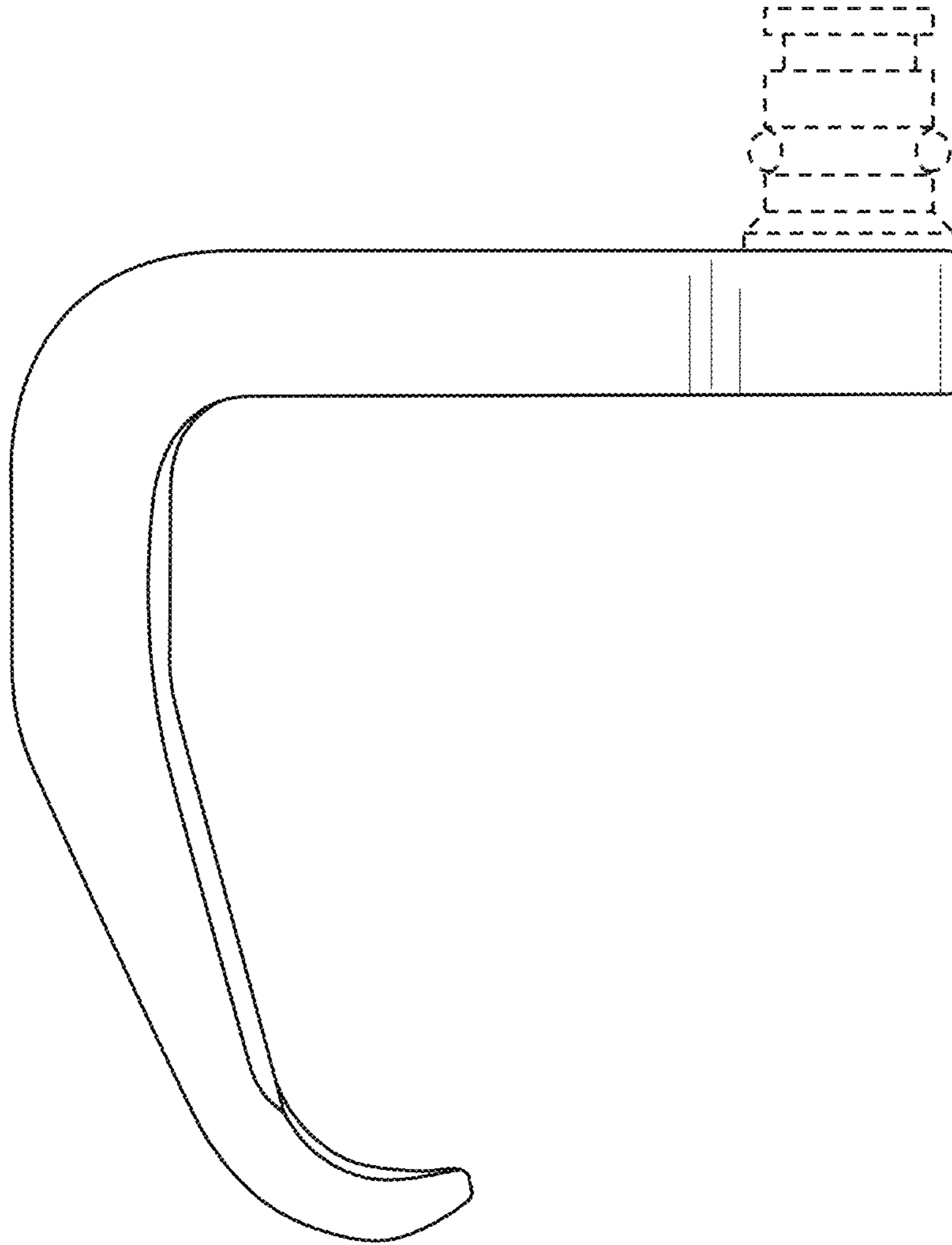


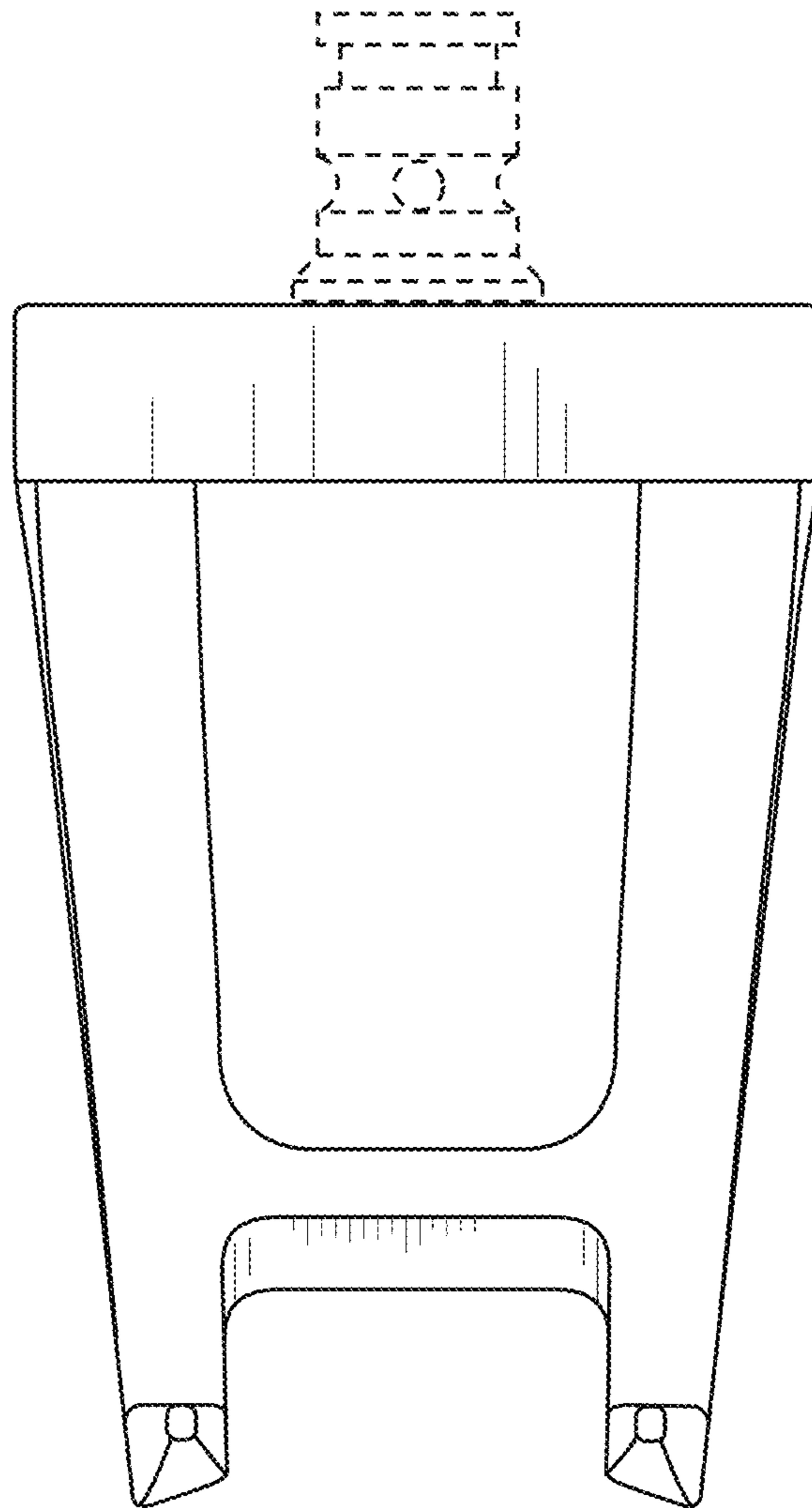
FIG. 1



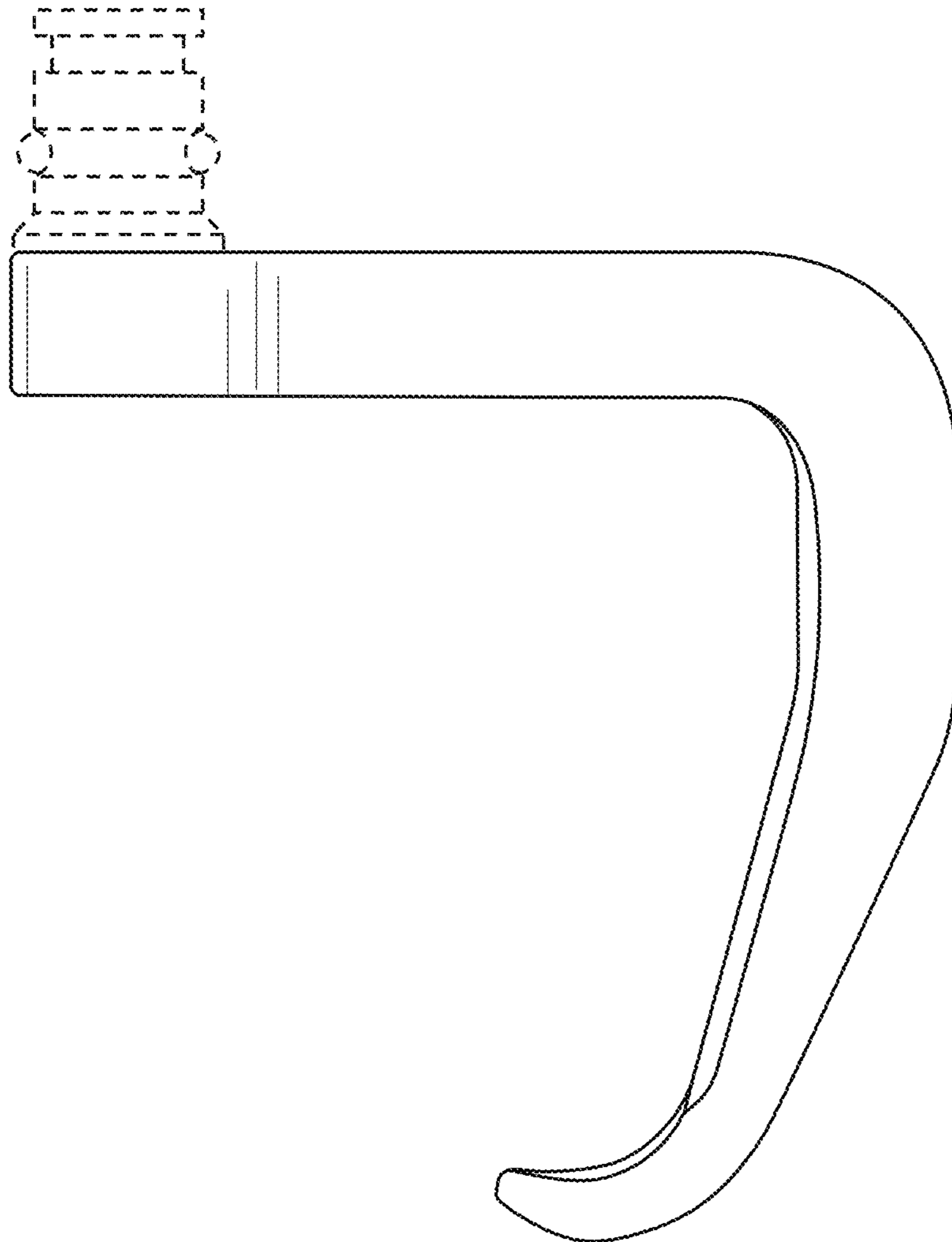
**FIG. 2**



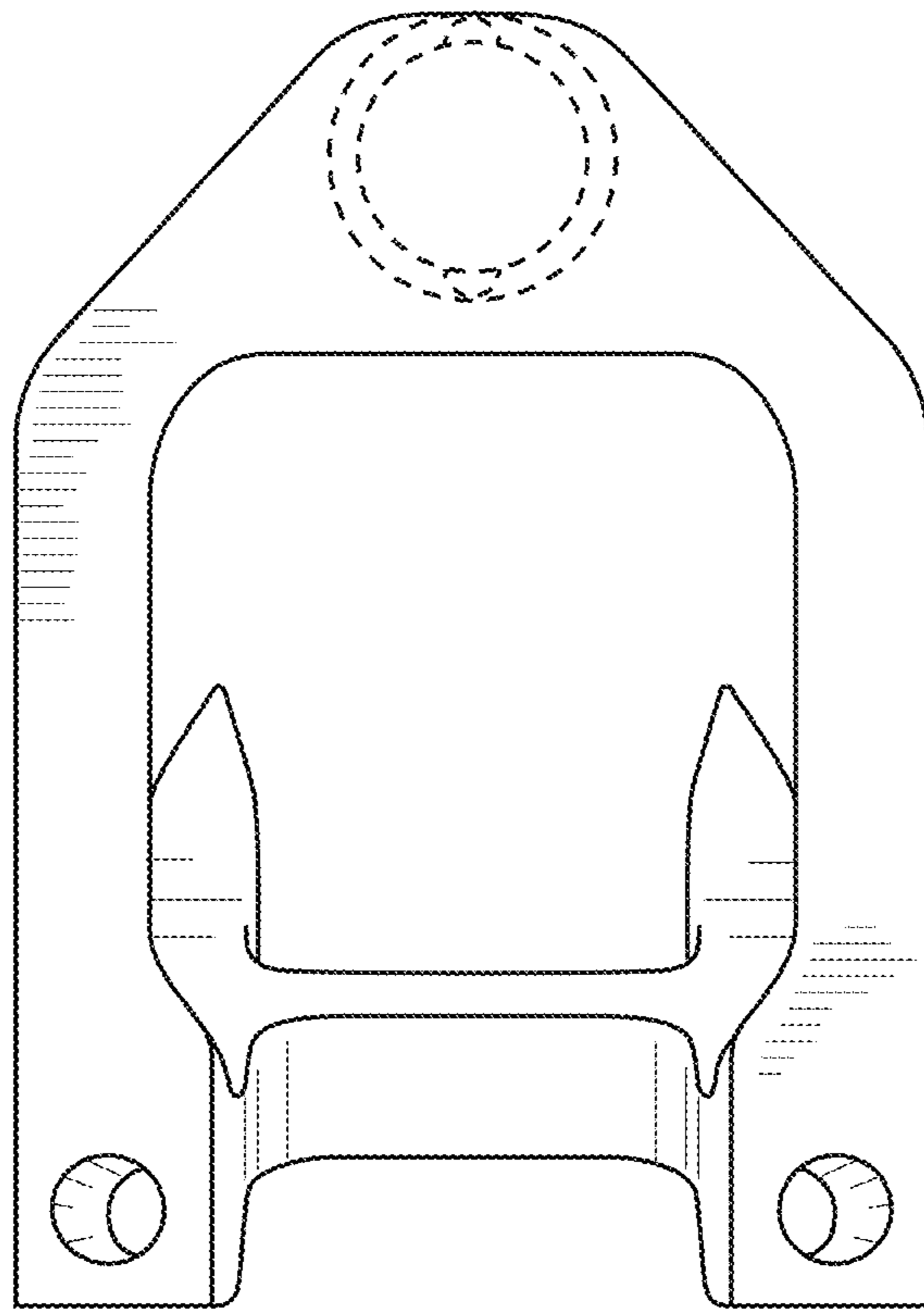
**FIG. 3**



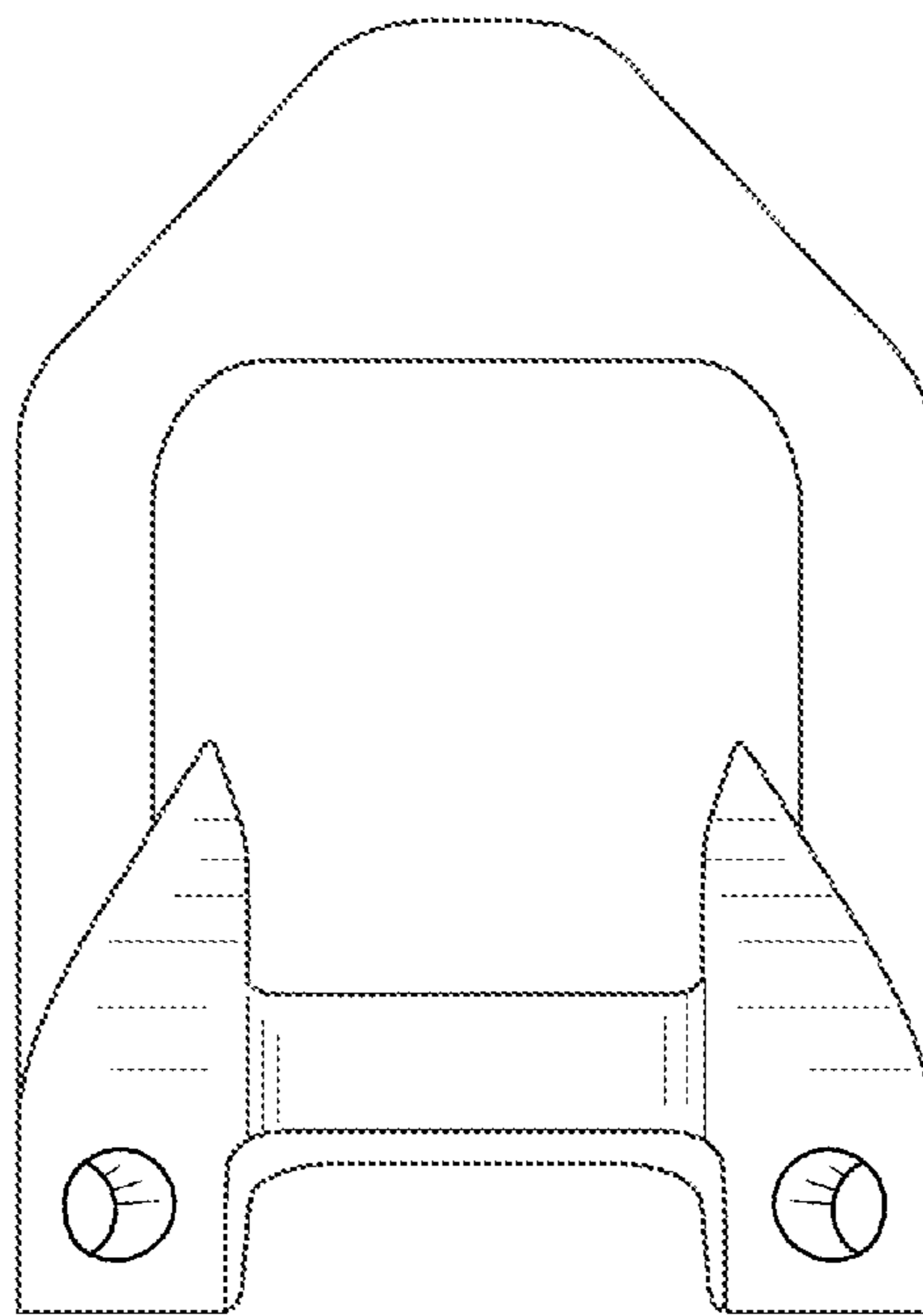
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**