



US00D976810S

(12) **United States Design Patent** (10) **Patent No.:** **US D976,810 S**  
**Li et al.** (45) **Date of Patent:** **\*\* Jan. 31, 2023**

(54) **BUTTON BATTERY**

(56) **References Cited**

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U.S. PATENT DOCUMENTS

(72) Inventors: **Shenggao Li**, Guangdong (CN); **Dalin Hu**, Guangdong (CN); **Ziqin Han**, Guangdong (CN); **Yujie Guo**, Guangdong (CN); **Xingqun Liao**, Guangdong (CN)

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

\* cited by examiner

(21) Appl. No.: **29/794,336**

*Primary Examiner* — Nathaniel D. Buckner

(22) Filed: **Jun. 11, 2021**

(57) **CLAIM**

(51) **LOC (14) Cl.** ..... **13-02**

The ornamental design for a button battery, as shown and described.

(52) **U.S. Cl.**

**DESCRIPTION**

USPC ..... **D13/103**

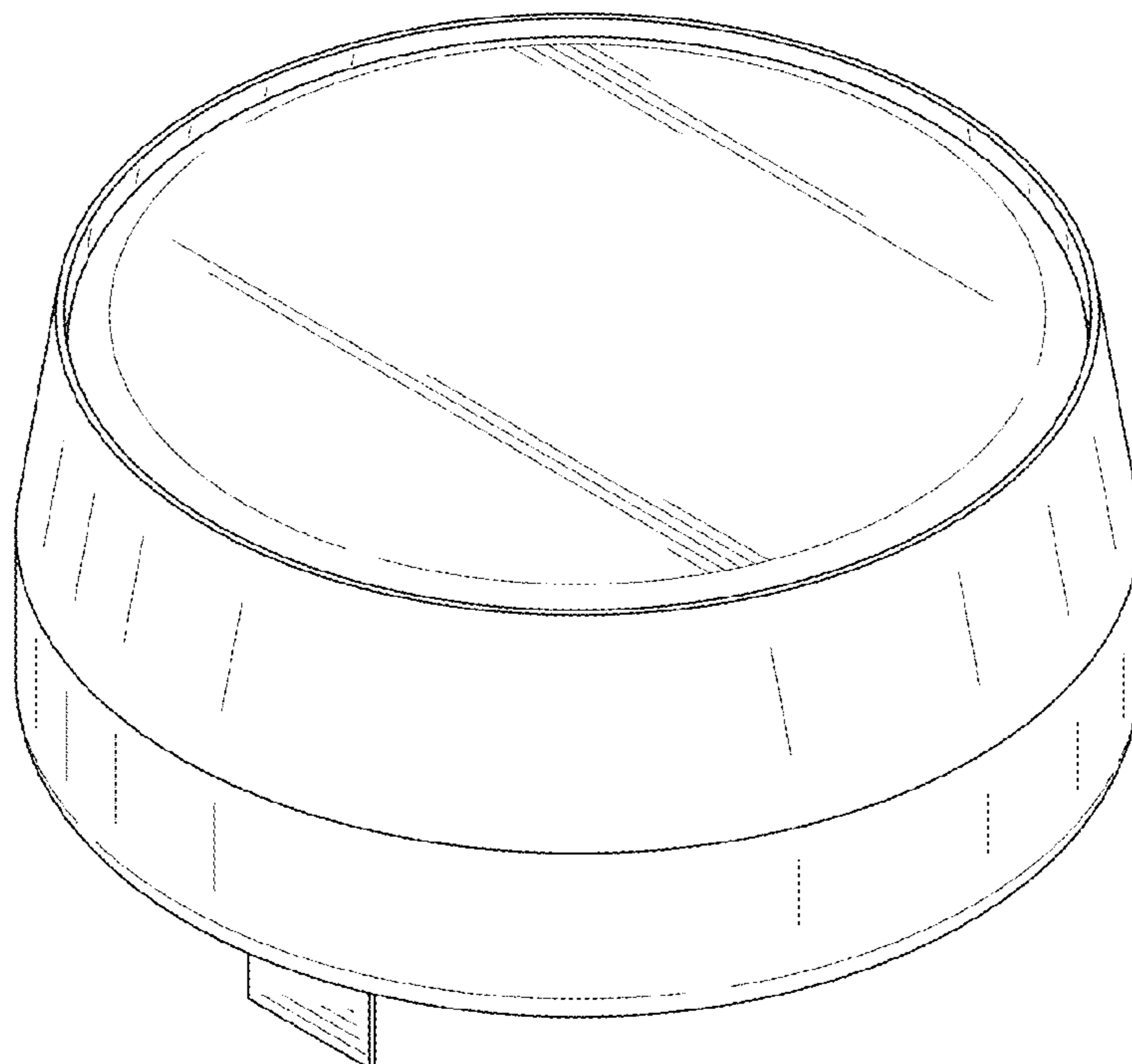
(58) **Field of Classification Search**

USPC ..... D13/102–106, 110, 118–119, 184  
CPC . Y02E 60/10; H01M 2220/30; H01M 50/209;  
H01M 50/213; H01M 50/183; H01M 50/10;  
H01M 50/529; H01M 50/531; H01M 10/0525;  
H01M 10/0436; H01M 10/052; H01M 10/0565;  
H01M 10/30; H01M 10/345; H01M 10/425; H01M 2010/0495;  
B25F 5/02; B25F 5/00; A61B 2017/00734

FIG. 1 is a top perspective view of a button battery showing our new design;  
FIG. 2 is a bottom perspective view thereof;  
FIG. 3 is a front elevational view thereof;  
FIG. 4 is a rear elevational view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is a right side view thereof;  
FIG. 7 is a top plan view thereof; and,  
FIG. 8 is a bottom plan view thereof.

See application file for complete search history.

**1 Claim, 8 Drawing Sheets**



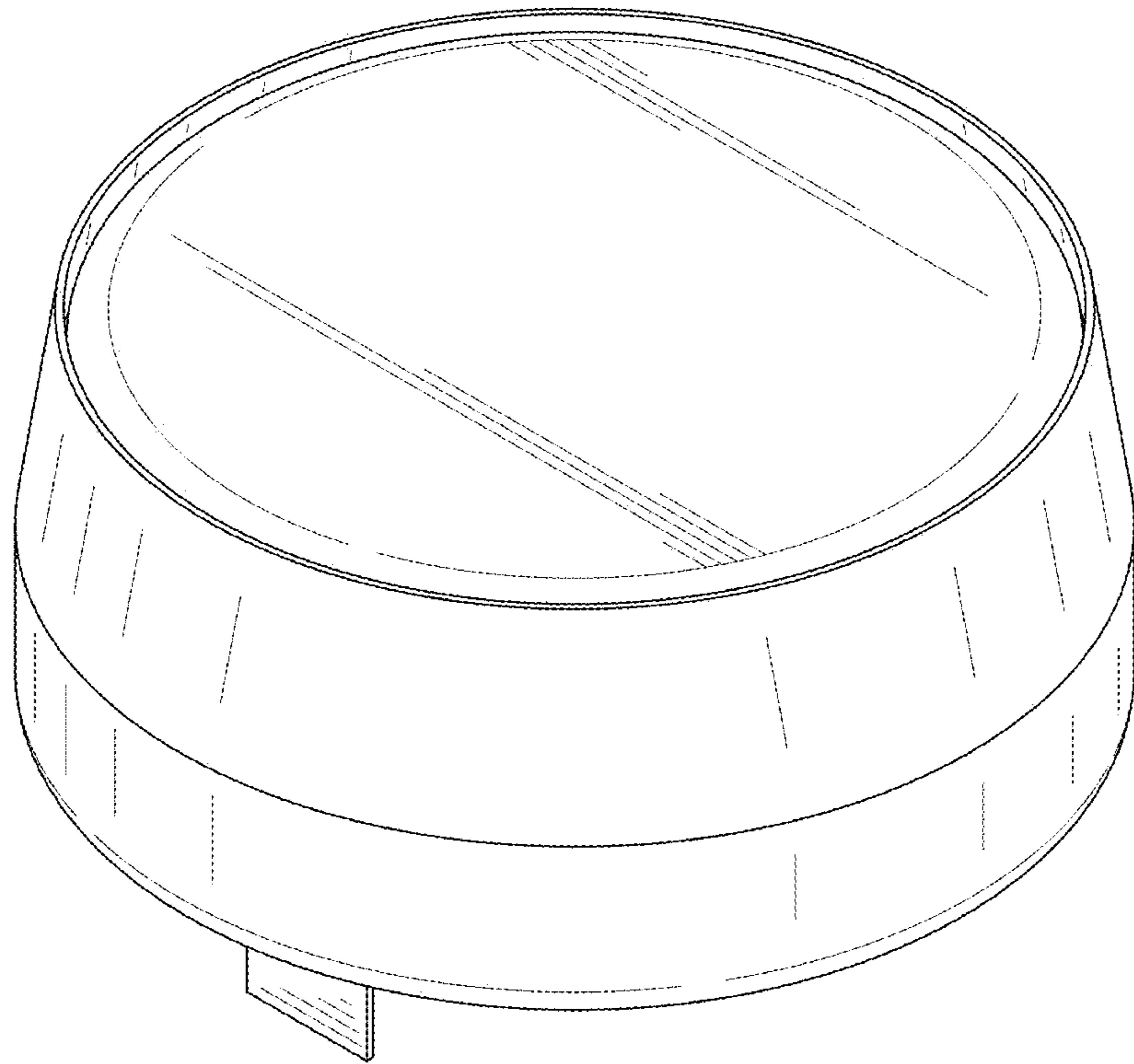


FIG. 1

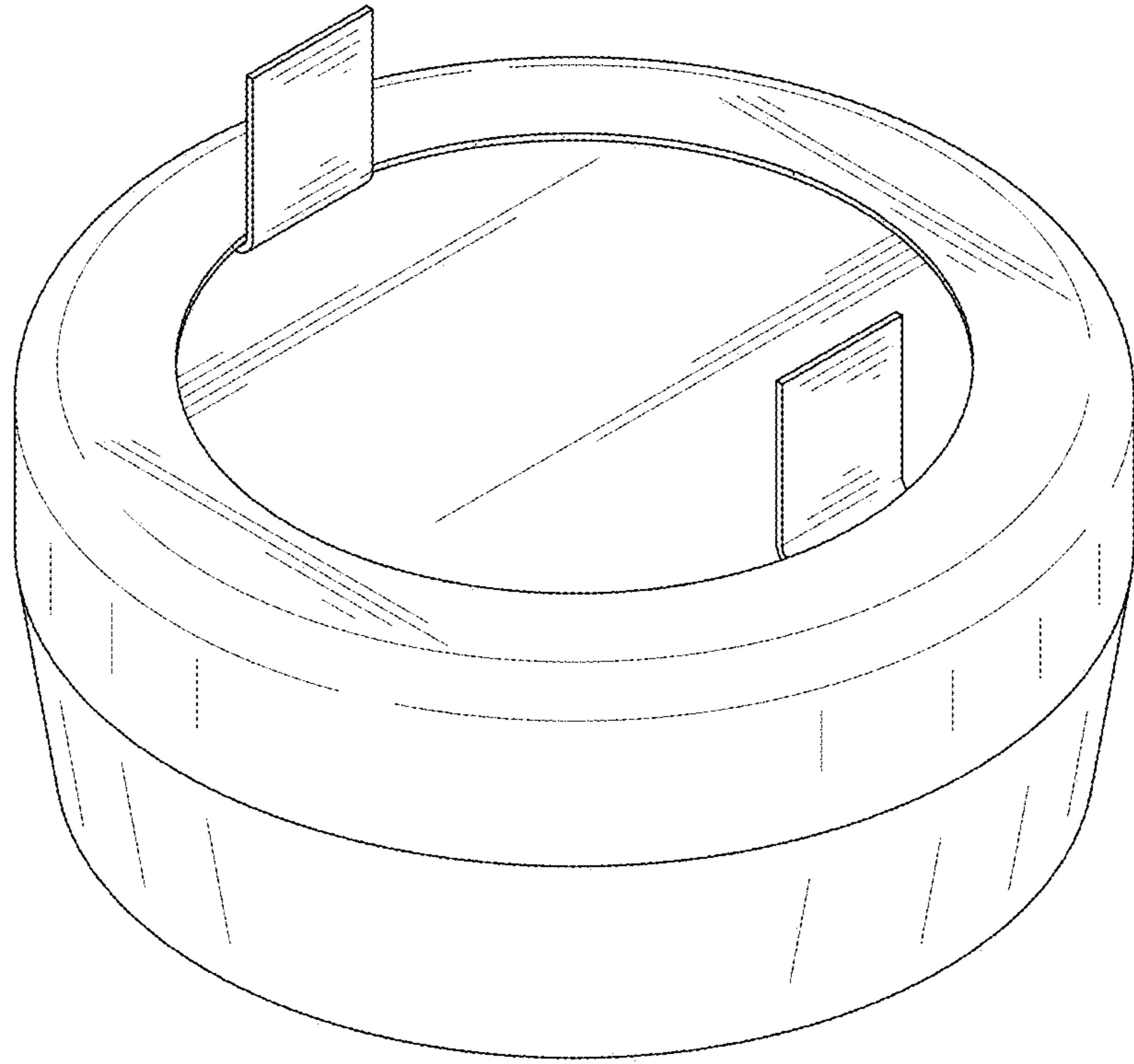


FIG. 2

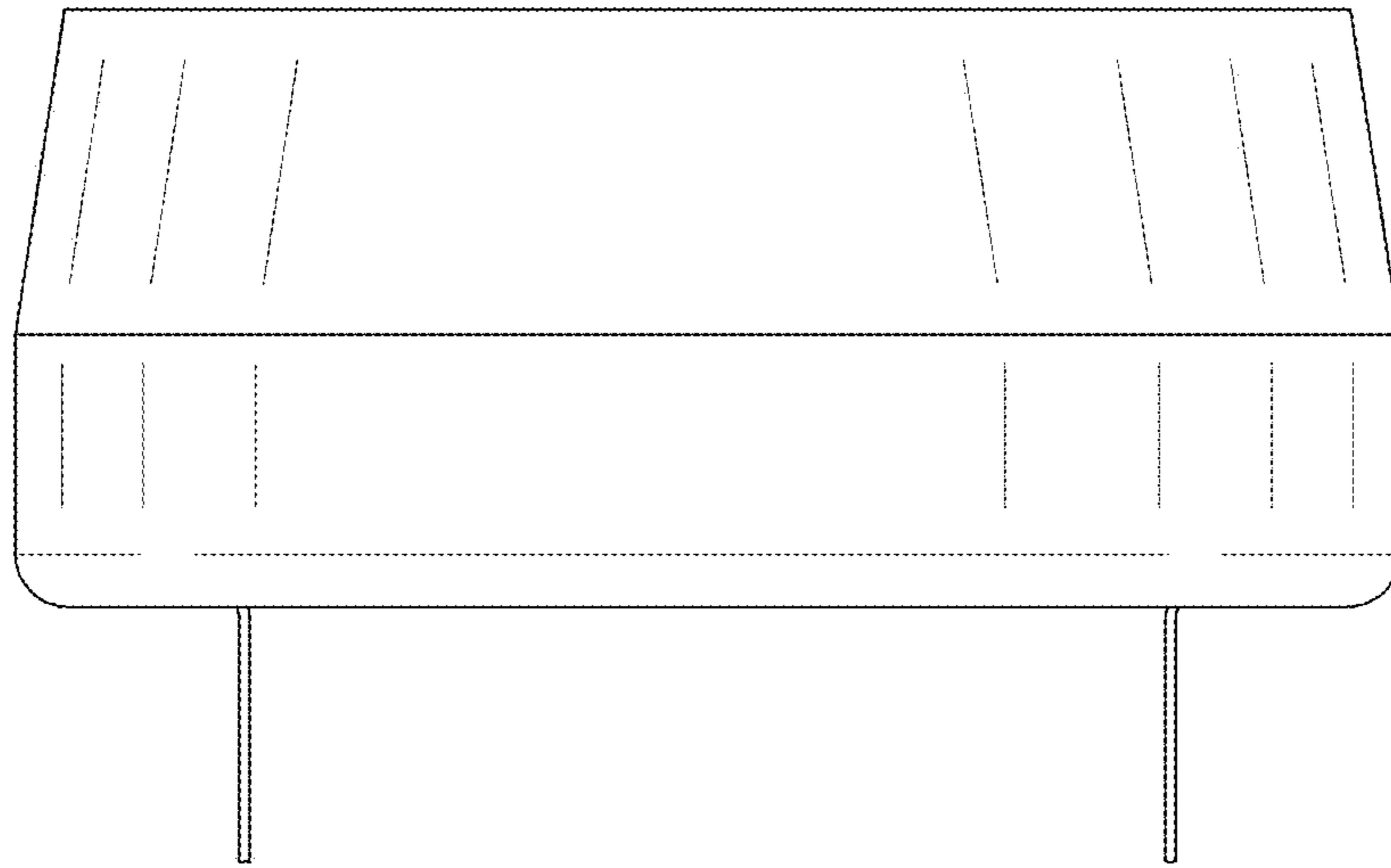


FIG. 3

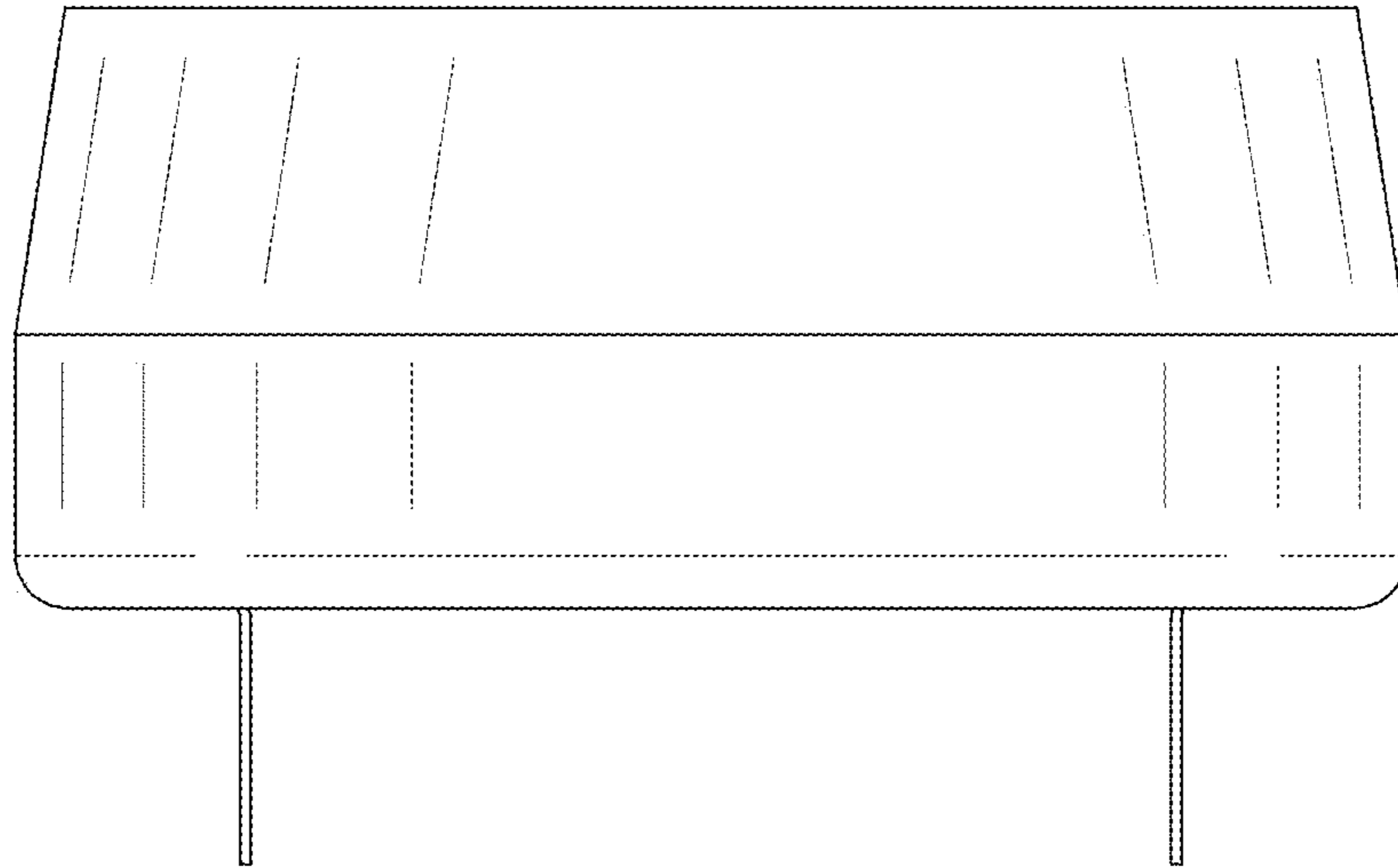


FIG. 4

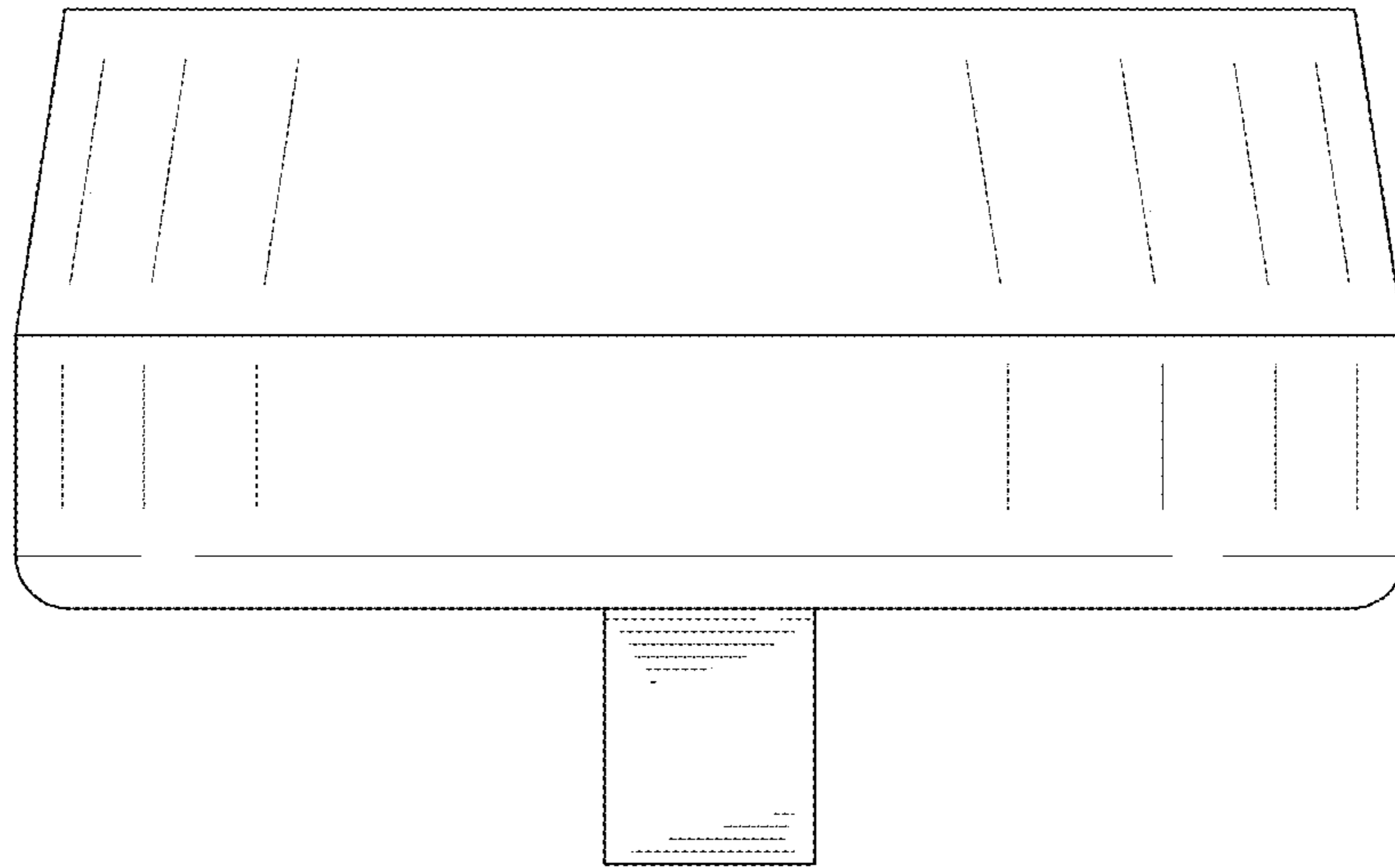


FIG. 5

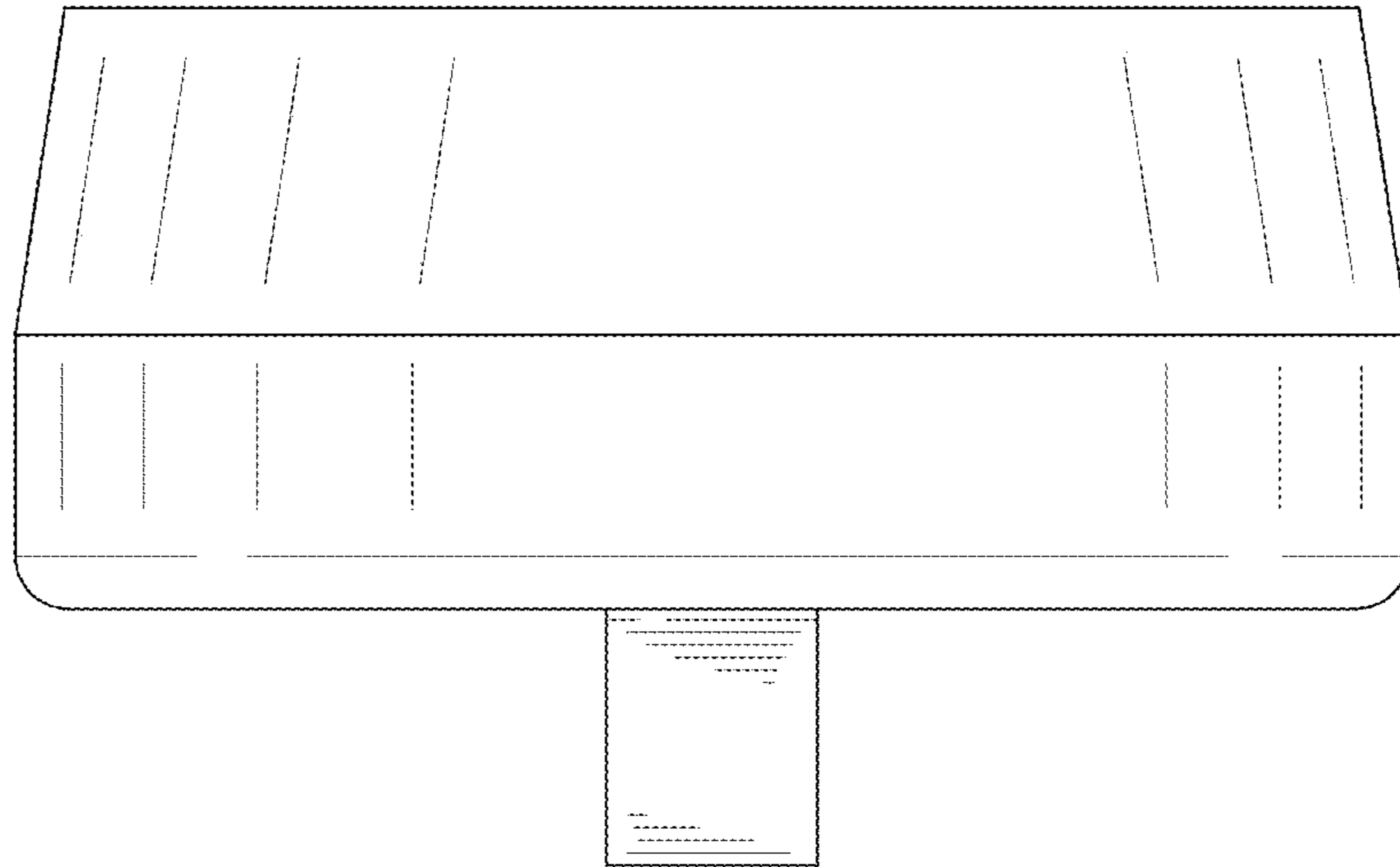


FIG. 6

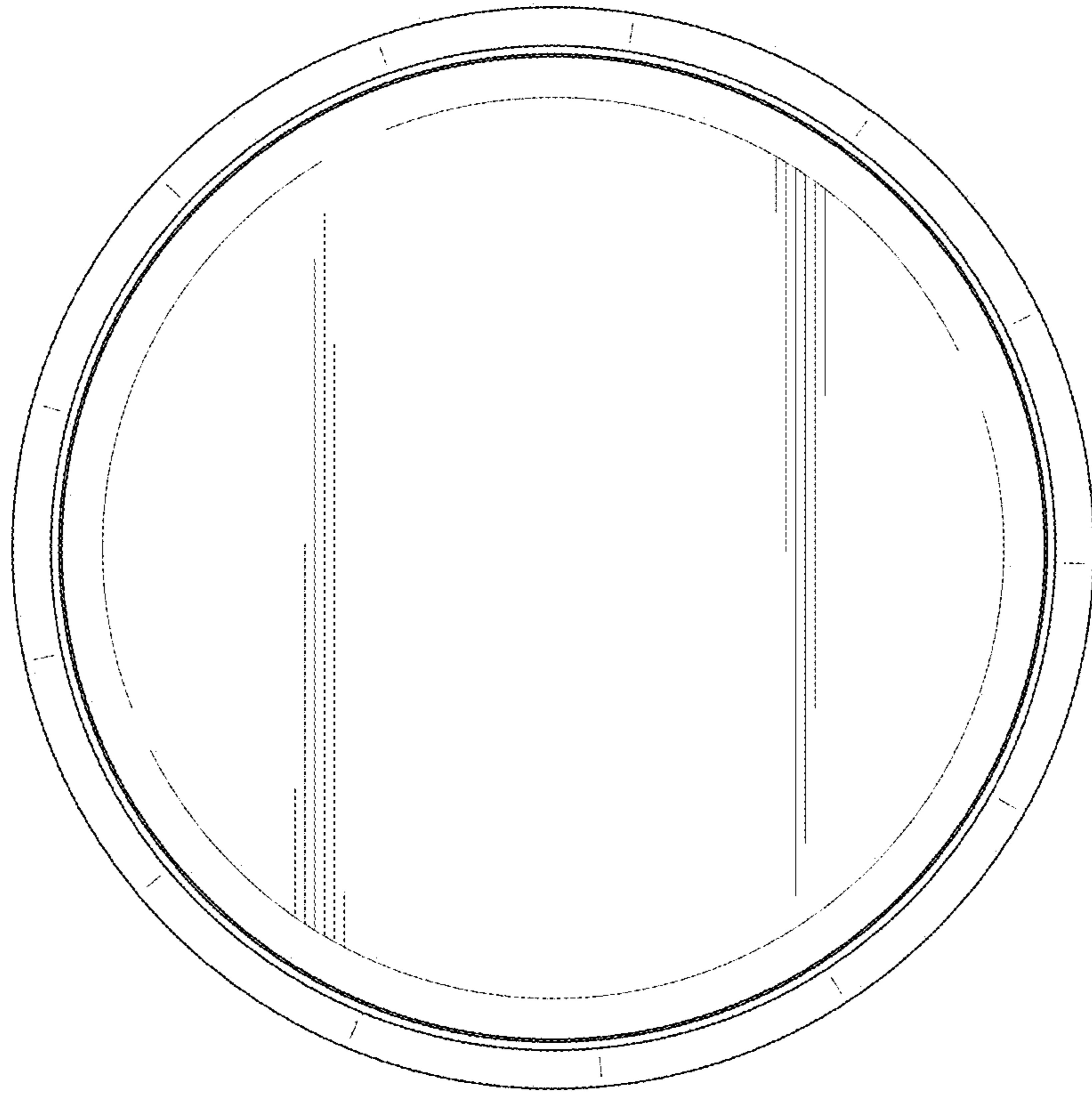


FIG. 7



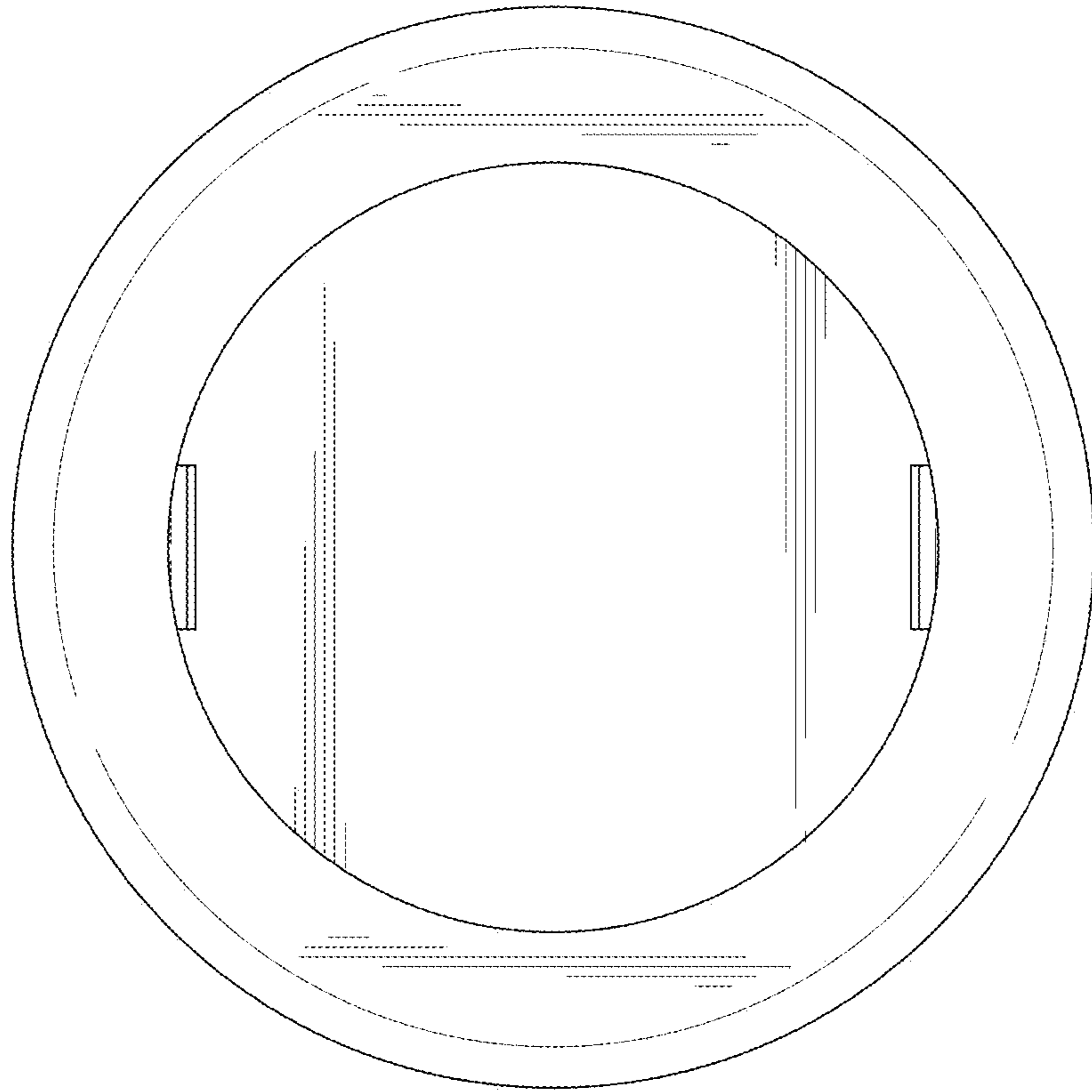


FIG. 8