



US00D846278S

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

(10) **Patent No.:** **US D846,278 S**

(45) **Date of Patent:** **\*\* Apr. 23, 2019**

(54) **TOOL BOX**

(71) Applicant: **GOOD YEAR HARDWARE CO., LTD.**, Changhua (TW)

(72) Inventor: **Tsai-Ching Chen**, Changhua (TW)

(73) Assignee: **GOOD YEAR HARDWARE CO., LTD.**, Changhua (TW)

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

(21) Appl. No.: **29/570,478**

(22) Filed: **Jul. 8, 2016**

(51) **LOC (11) Cl.** ..... **03-01**

(52) **U.S. Cl.**  
USPC ..... **D3/295; D3/905**

(58) **Field of Classification Search**  
USPC ..... D3/269, 272, 273, 274, 276, 279, 281, D3/282, 283, 288, 290, 294, 298, 299, D3/905, 217, 321; D34/12, 14, 17, 19, D34/20, 18, 23, 24, 25, 27  
CPC .... B62B 1/00; B62B 3/00; B25H 3/00; B25H 3/003; B25H 3/02; B25H 5/00; A45C 7/00; A45C 5/00; A45C 5/005; A45C 2005/037; A45C 5/04; A45C 5/14; A45C 2007/0004; A45C 7/0018; A45C 2009/002; A45C 9/00

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D245,479 S \* 8/1977 Malcolm ..... D3/282  
D334,534 S \* 4/1993 Friz ..... D3/905  
D355,826 S \* 2/1995 Chow ..... D3/294  
D400,709 S \* 11/1998 Chang ..... D3/294  
5,893,457 A \* 4/1999 Wei ..... B25H 3/003  
206/373  
D419,298 S \* 1/2000 Bramsiepe ..... D3/273  
D422,787 S \* 4/2000 Feng ..... D3/273

D446,651 S \* 8/2001 Liao ..... D3/284  
D446,935 S \* 8/2001 Huang ..... D3/281  
D459,074 S \* 6/2002 Eckmann ..... D3/276  
D514,316 S \* 2/2006 Allan ..... D3/282  
D523,635 S \* 6/2006 Chen ..... D3/282  
D528,793 S \* 9/2006 Cornwell ..... D3/294  
D537,253 S \* 2/2007 Chen ..... D3/315  
D579,204 S \* 10/2008 Chen ..... D3/215  
8,016,108 B1 \* 9/2011 Hung ..... B25H 3/003  
206/372  
8,196,742 B1 \* 6/2012 Wang ..... B25H 3/003  
206/379  
D789,086 S \* 6/2017 Lin ..... D3/294

(Continued)

*Primary Examiner* — Jennifer Rivard

*Assistant Examiner* — April Rivas

(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds & Lowe, P.C.

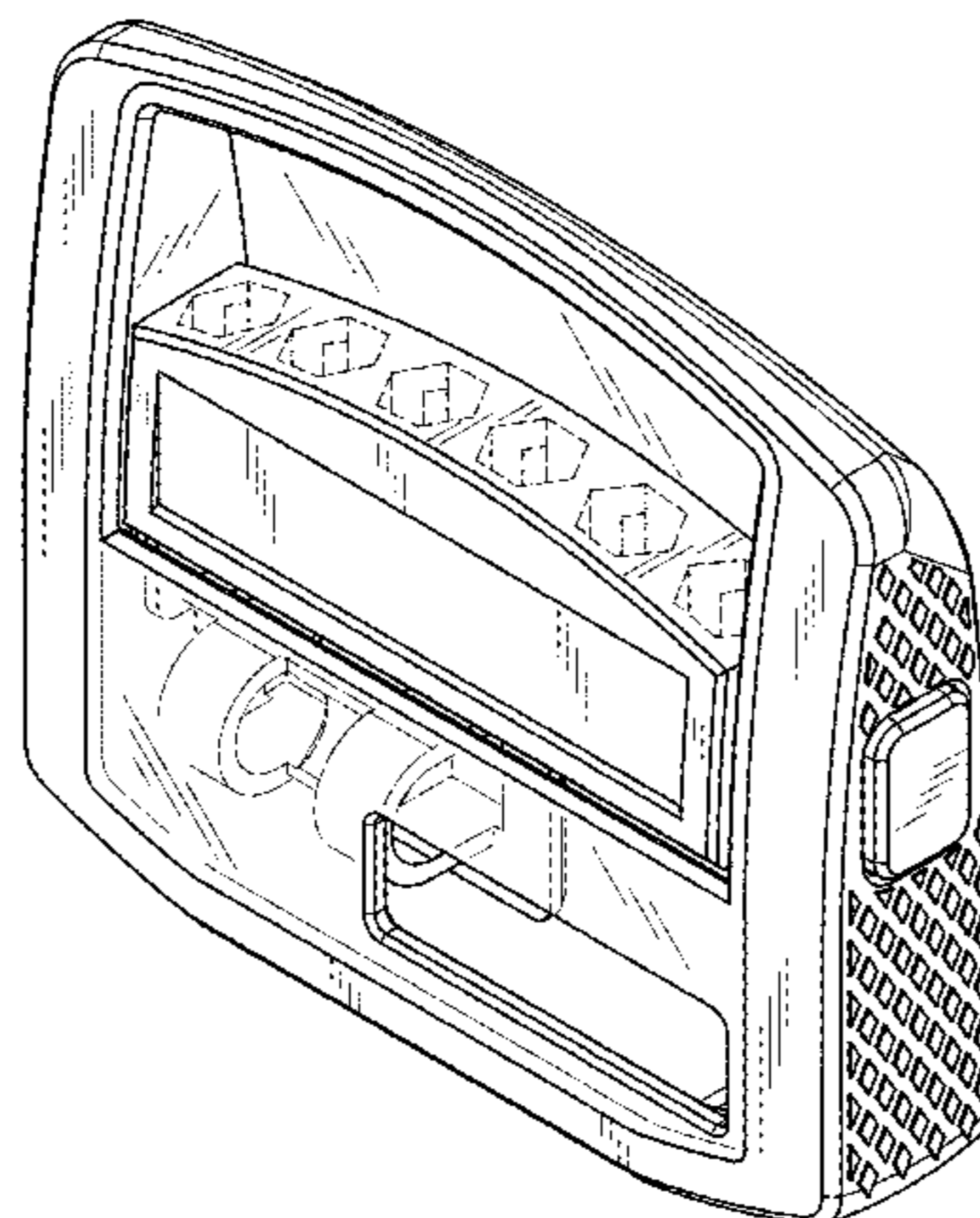
(57) **CLAIM**

The ornamental design for a tool box, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the present design.  
FIG. 2 is a front view of the present design.  
FIG. 3 is a rear view of the present design.  
FIG. 4 is a left view of the present design.  
FIG. 5 is a right view of the present design.  
FIG. 6 is a top view of the present design.  
FIG. 7 is a bottom view of the present design.  
FIG. 8 is a perspective view of the tool box in a state of use; and,  
FIG. 9 is a rear perspective view of the tool box, in an open configuration, in a state of use.  
The broken lines illustrating the screwdriver handle and bits in FIGS. 8 and 9 illustrate environment. The remaining broken lines illustrate portions of the tool box. None of the broken lines form part of the claimed design.

**1 Claim, 6 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2005/0056559 A1\* 3/2005 Chen ..... B25H 3/003  
206/372  
2005/0056560 A1\* 3/2005 Chen ..... B25H 3/003  
206/373  
2005/0161356 A1\* 7/2005 Chen ..... B25H 3/003  
206/373  
2016/0270499 A1\* 9/2016 Lawrenson ..... A45C 5/005

\* cited by examiner

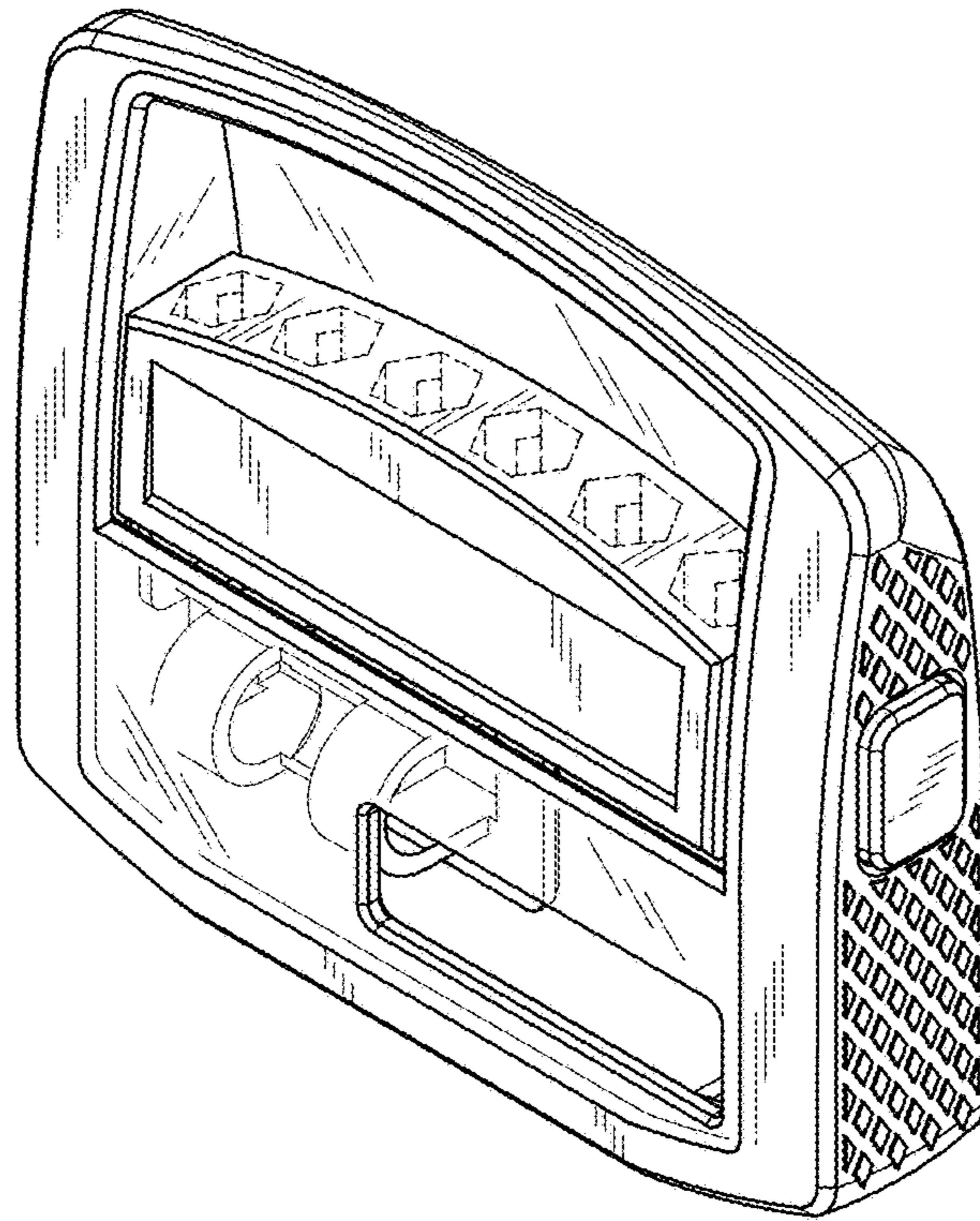


FIG. 1

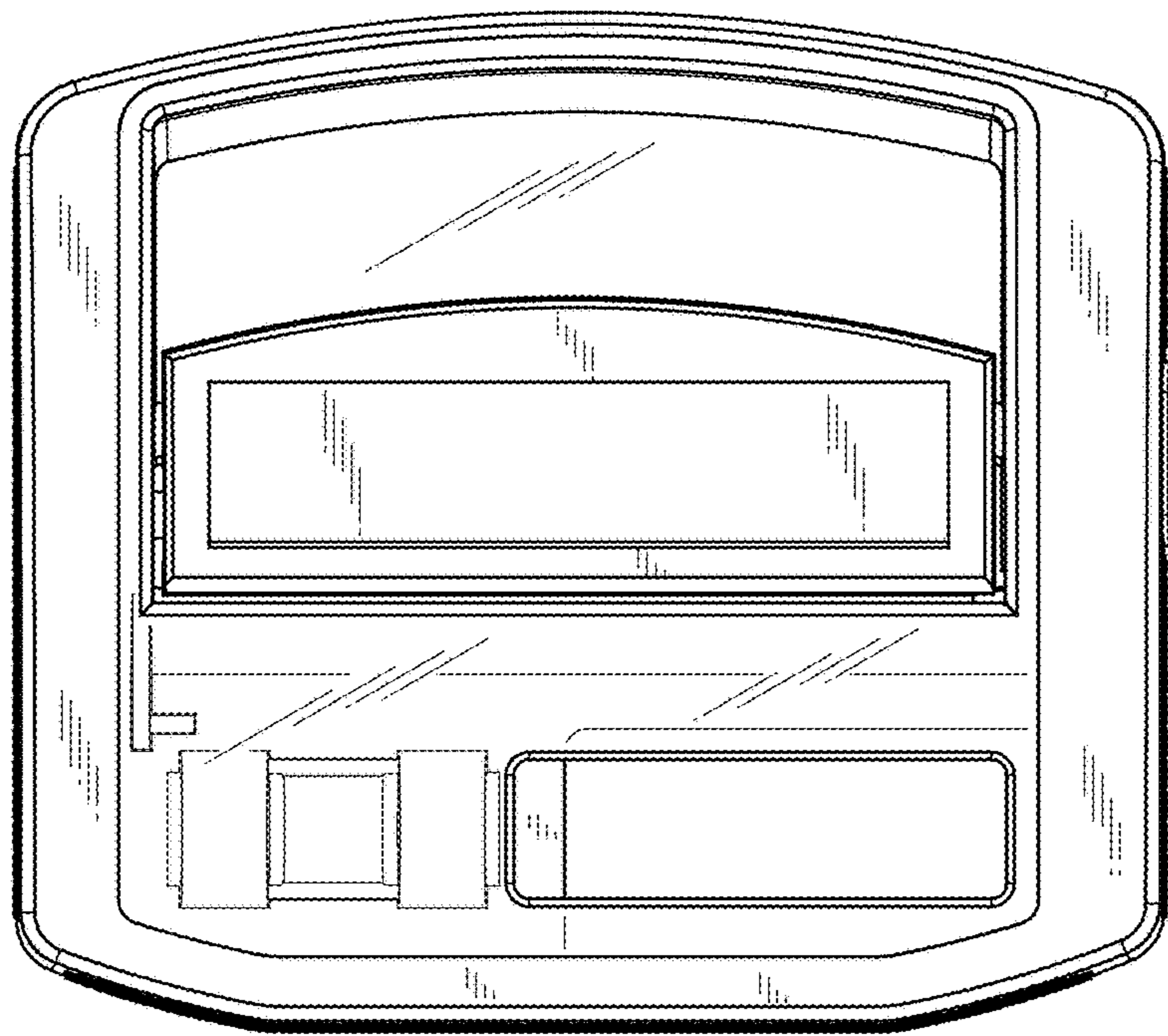


FIG. 2

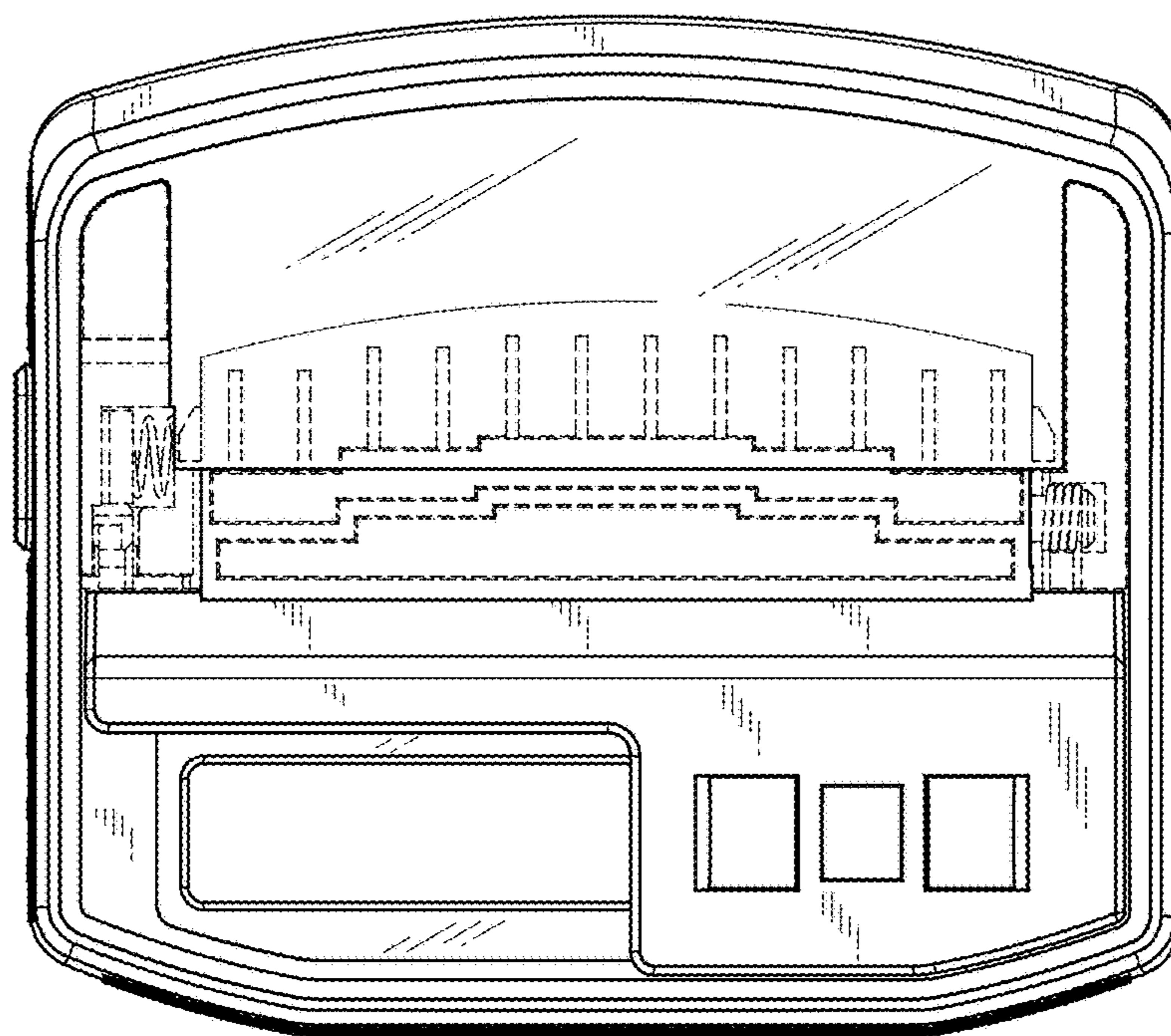


FIG. 3

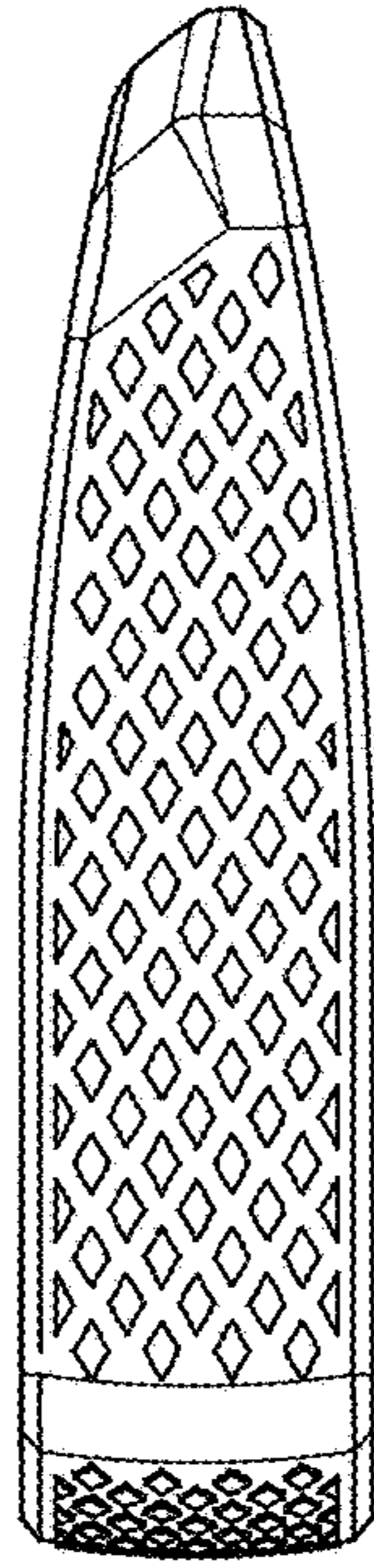


FIG. 4

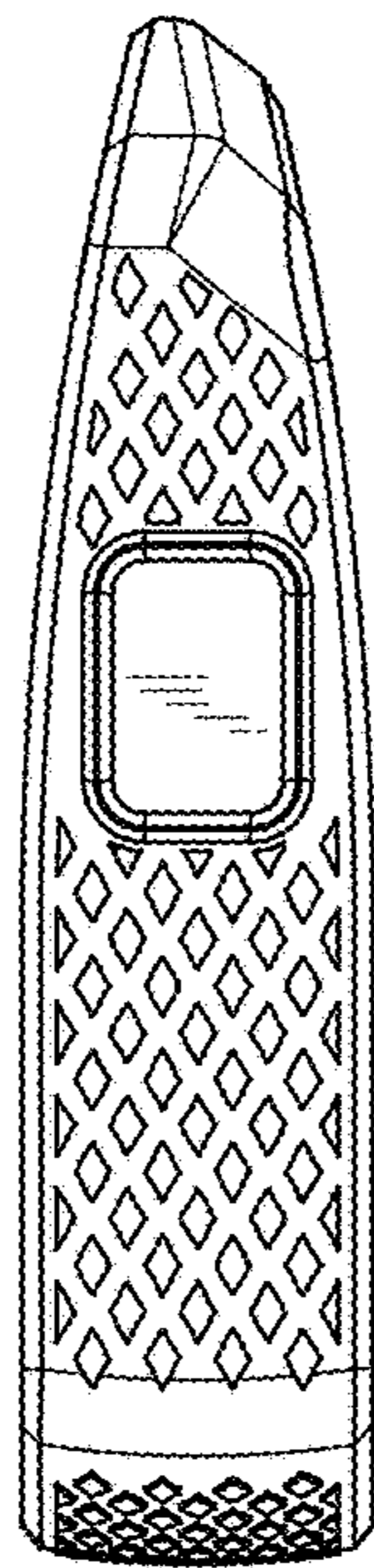


FIG. 5

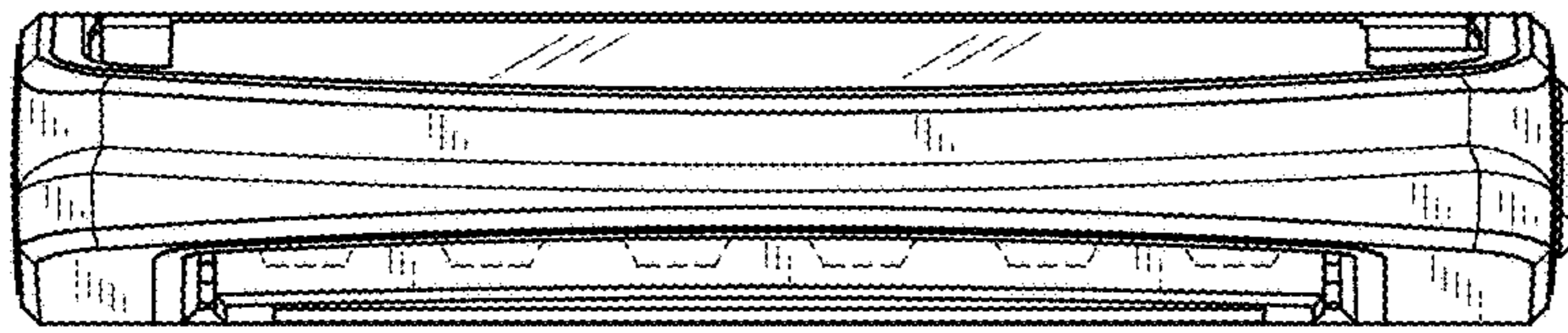


FIG. 6

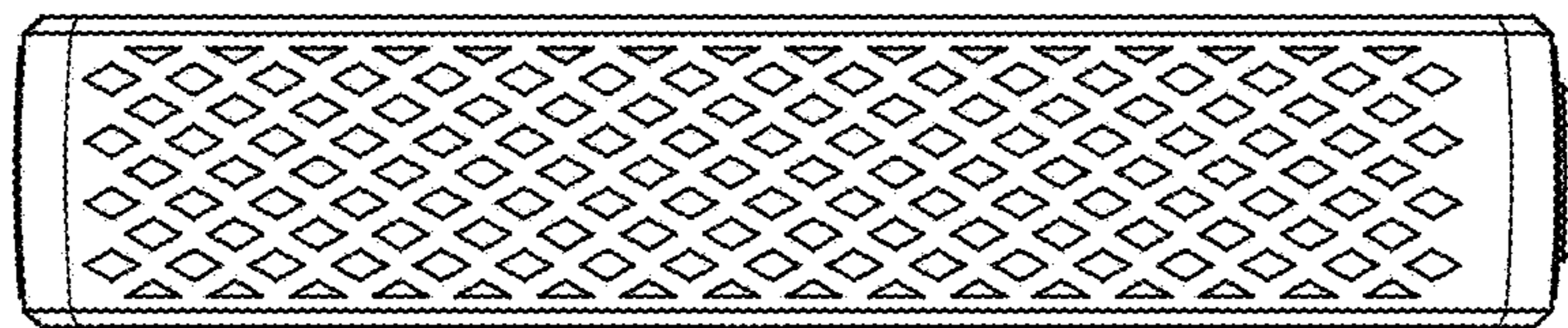


FIG. 7

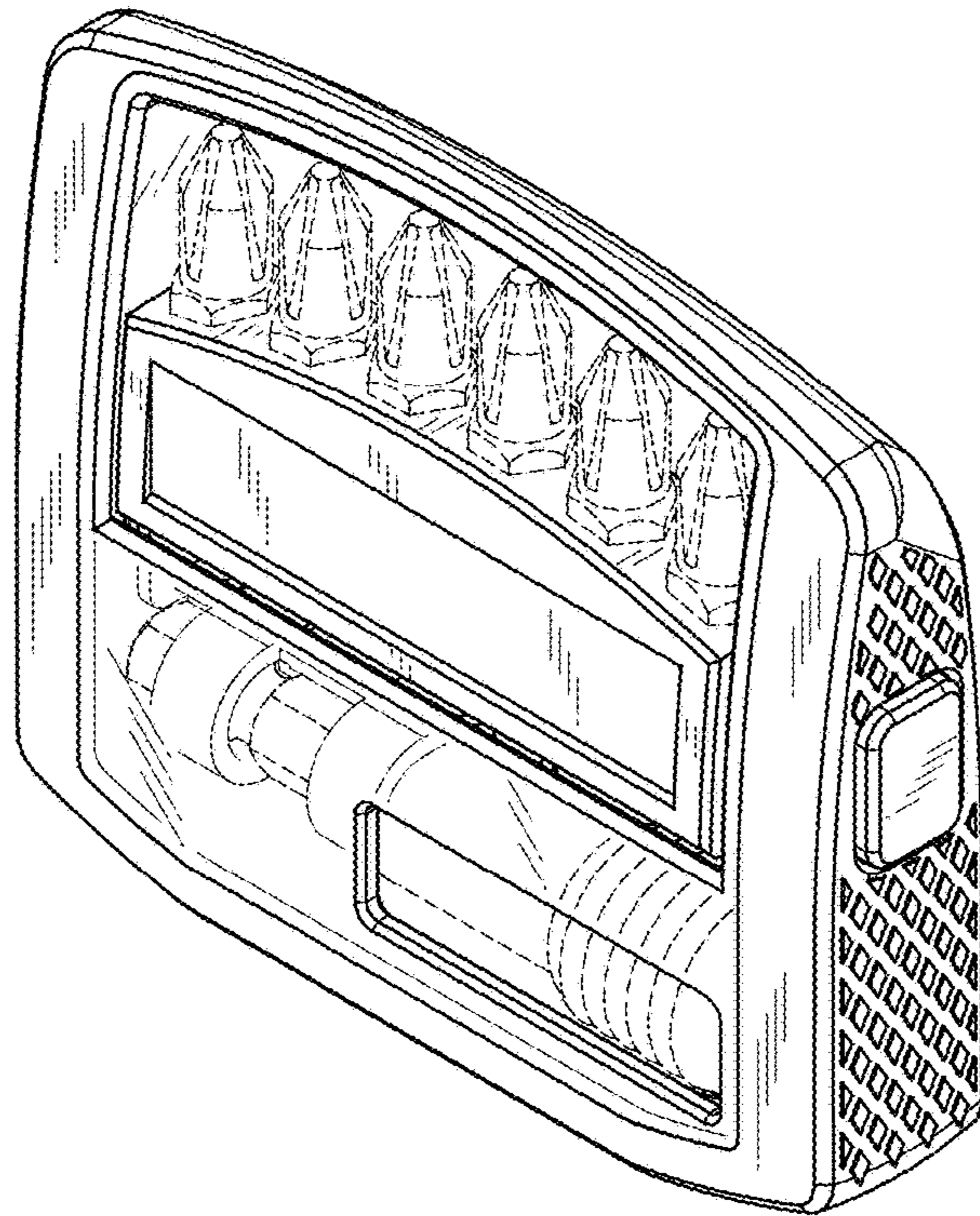


FIG. 8

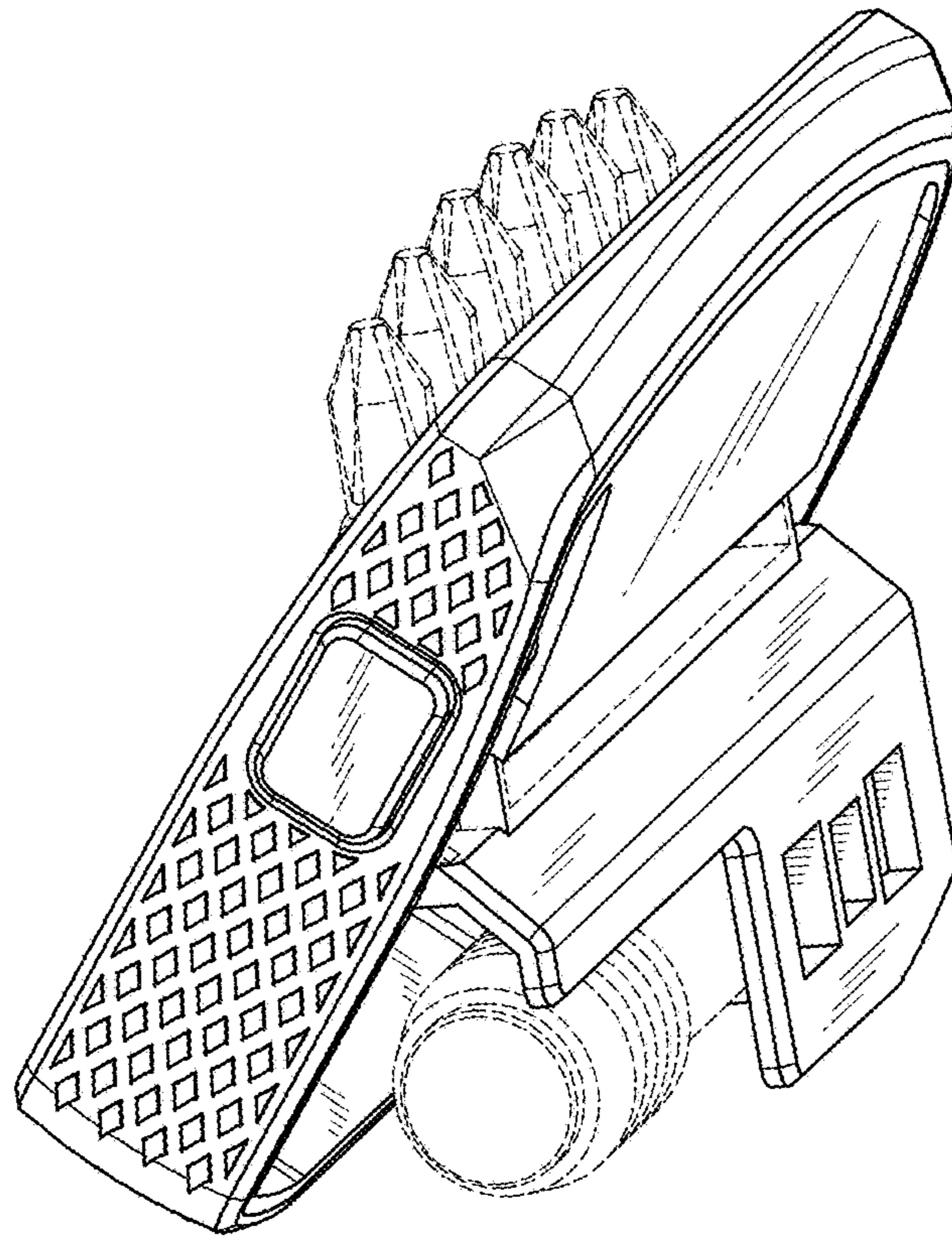


FIG. 9