



US00D764087S

(12) **United States Design Patent**  
**Workman et al.**

(10) **Patent No.:** **US D764,087 S**

(45) **Date of Patent:** **\*\* Aug. 16, 2016**

(54) **SOLAR POWERED LIGHTING DEVICE**

(71) Applicant: **Goal Zero LLC**, Bluffdale, UT (US)

(72) Inventors: **Robert E. Workman**, Morgan, UT (US);  
**Norman L. Krantz**, Draper, UT (US);  
**Henry J. Howell**, Herriman, UT (US)

(73) Assignee: **GOAL ZERO LLC**, Bluffdale, UT (US)

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

(21) Appl. No.: **29/461,448**

(22) Filed: **Jul. 23, 2013**

(51) **LOC (10) Cl.** ..... **26-02**

(52) **U.S. Cl.**  
USPC ..... **D26/37**

(58) **Field of Classification Search**  
USPC ..... D26/37, 38, 40, 41, 42, 50, 51;  
362/157, 158, 183, 184, 194–196,  
362/200–208, 253  
CPC ..... F21V 33/00; F21V 14/025; F21V 21/406;  
F21Y 2101/02; F21L 17/00; F21L 13/08  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D350,830 S *	9/1994	Bamber	.....	D26/42
D434,863 S *	12/2000	Boessel	.....	D26/26
D553,771 S *	10/2007	Watson	.....	D26/37
D554,781 S *	11/2007	Shiu	.....	D26/37
D593,695 S *	6/2009	Levine	.....	D26/42
D612,084 S *	3/2010	Hillard	.....	D26/40
D618,831 S *	6/2010	Pennington	.....	D26/26
D626,673 S *	11/2010	Kovacik	.....	D26/38
D639,469 S *	6/2011	Zhuang	.....	D26/37
D663,454 S *	7/2012	Sham	.....	D26/37

(Continued)

**OTHER PUBLICATIONS**

Goal Zero Spark LED Flashlight—Solar Charged, Clip, Silver (90915), product images from TigerDirect.com (www.tigerdirect.com/applications/SearchTools/item-details.asp?EdpNo=8021857), product available as of 1999, 4 pages.

(Continued)

*Primary Examiner* — Ian Simmons

*Assistant Examiner* — Carissa C Fitts

(74) *Attorney, Agent, or Firm* — Foley & Lardner LLP

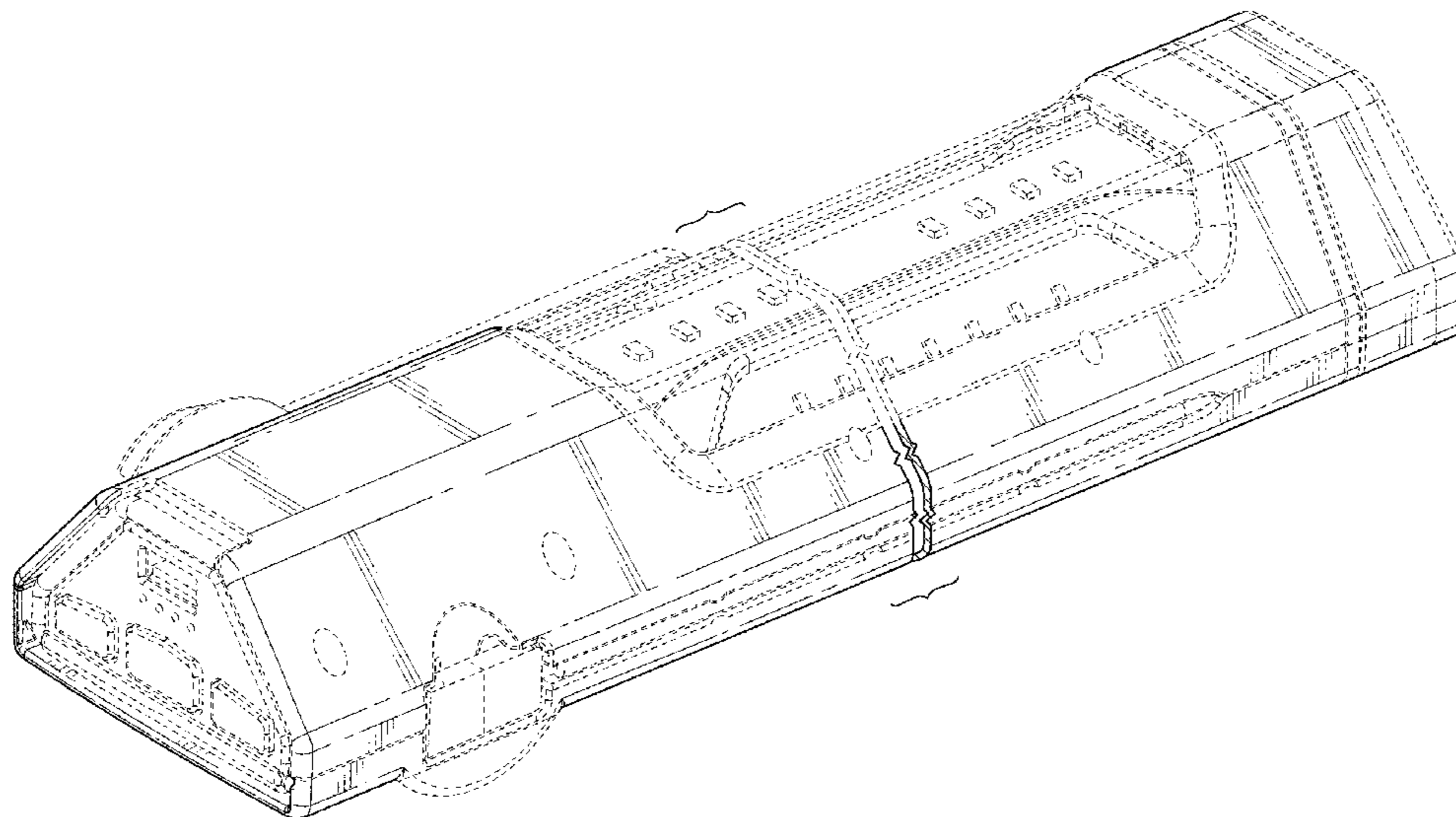
(57) **CLAIM**

We claim the ornamental design for a solar powered lighting device, as shown and described.

**DESCRIPTION**

FIG. 1 is a front top perspective view of the claimed design; FIG. 2 is a top view of the embodiment of FIG. 1; FIG. 3 is a bottom view of the embodiment of FIG. 1; FIG. 4 is a left side view of the embodiment of FIG. 1; FIG. 5 is a right side view of the embodiment of FIG. 1; FIG. 6 is a front view of the embodiment of FIG. 1; and, FIG. 7 is a rear view of the embodiment of FIG. 1. The broken line showing of the solar powered lighting device represents unclaimed portions of the article and forms no part of the claimed design. Broken lines formed by equal length dashes show unclaimed portions of the design. Broken lines formed of unequal length dashes (i.e. dash-dot) show boundaries between claimed and unclaimed portions of the design. The solar powered lighting device is shown with a symbolic break in its length, with the understanding that the portions of the article not shown in the drawings form no part of the claim design.

**1 Claim, 6 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D690,839 S \* 10/2013 Wang ..... D26/24  
D691,310 S \* 10/2013 Zhou ..... D26/37  
D695,434 S \* 12/2013 Shen ..... D26/41  
D708,376 S \* 7/2014 Crowe ..... D26/37  
D731,687 S \* 6/2015 Haws ..... D26/46

OTHER PUBLICATIONS

Goal Zero Torch Crank Light (90103), product images from TigerDirect.com ([www.tigerdirect.com/applications/SearchTools/item-details.asp?EdpNo=8021863](http://www.tigerdirect.com/applications/SearchTools/item-details.asp?EdpNo=8021863)), product available as of Aug. 4, 2011, 4 pages.

\* cited by examiner

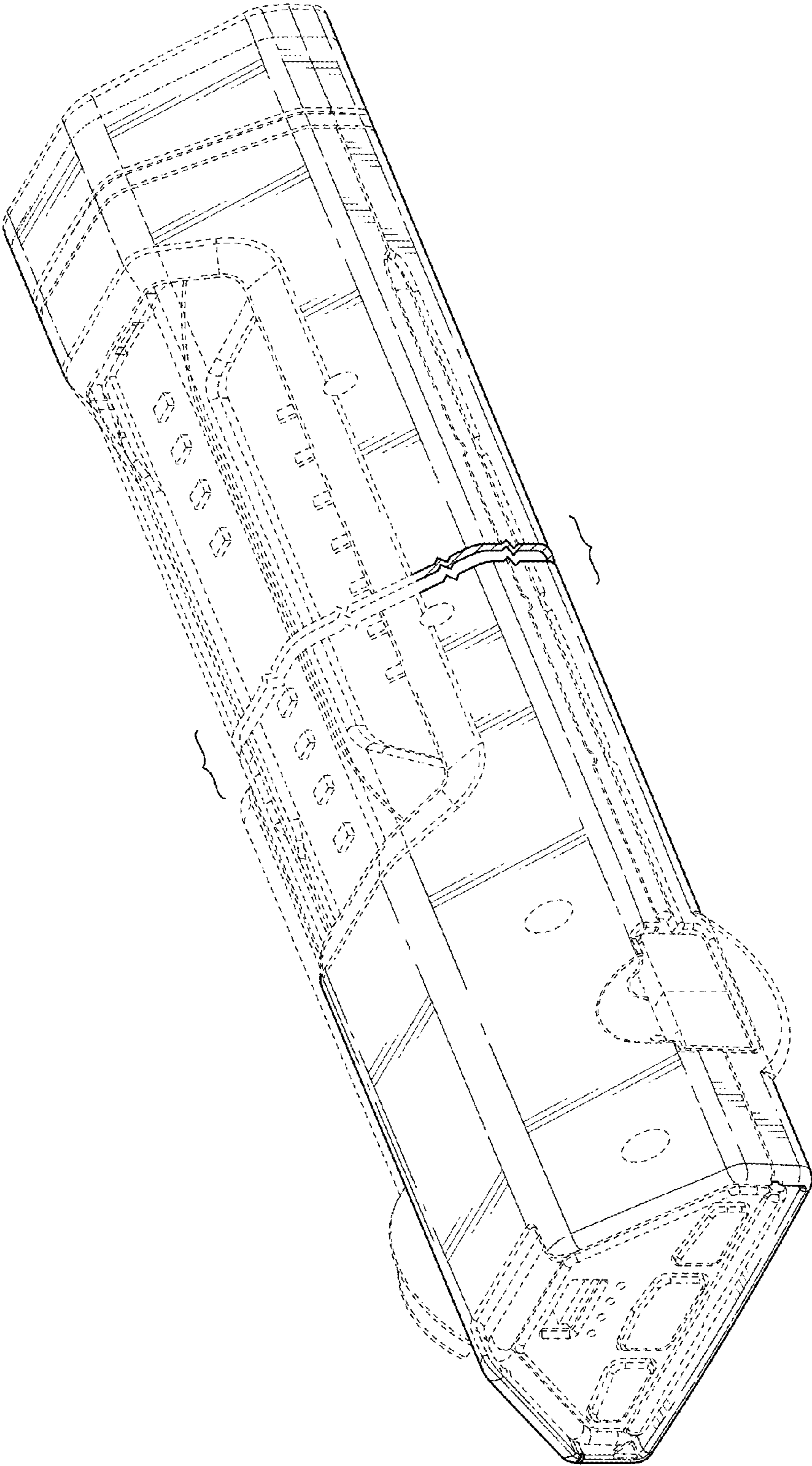


FIG. 1

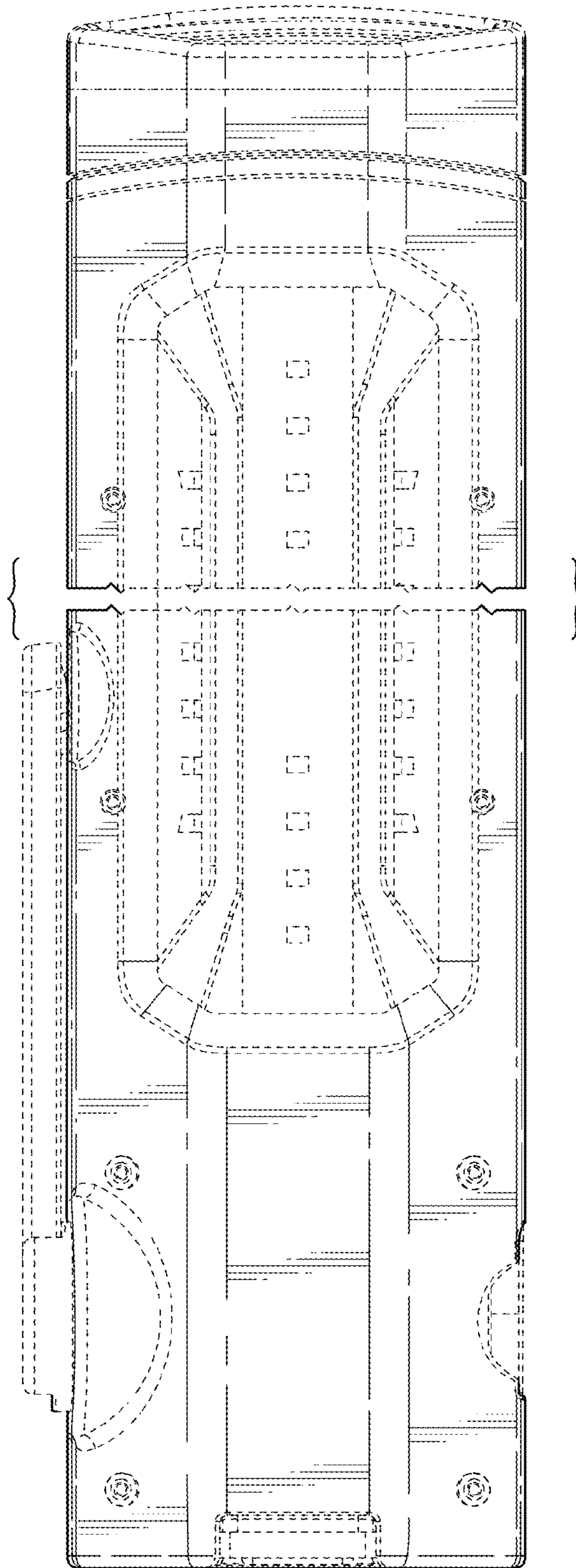


FIG. 2

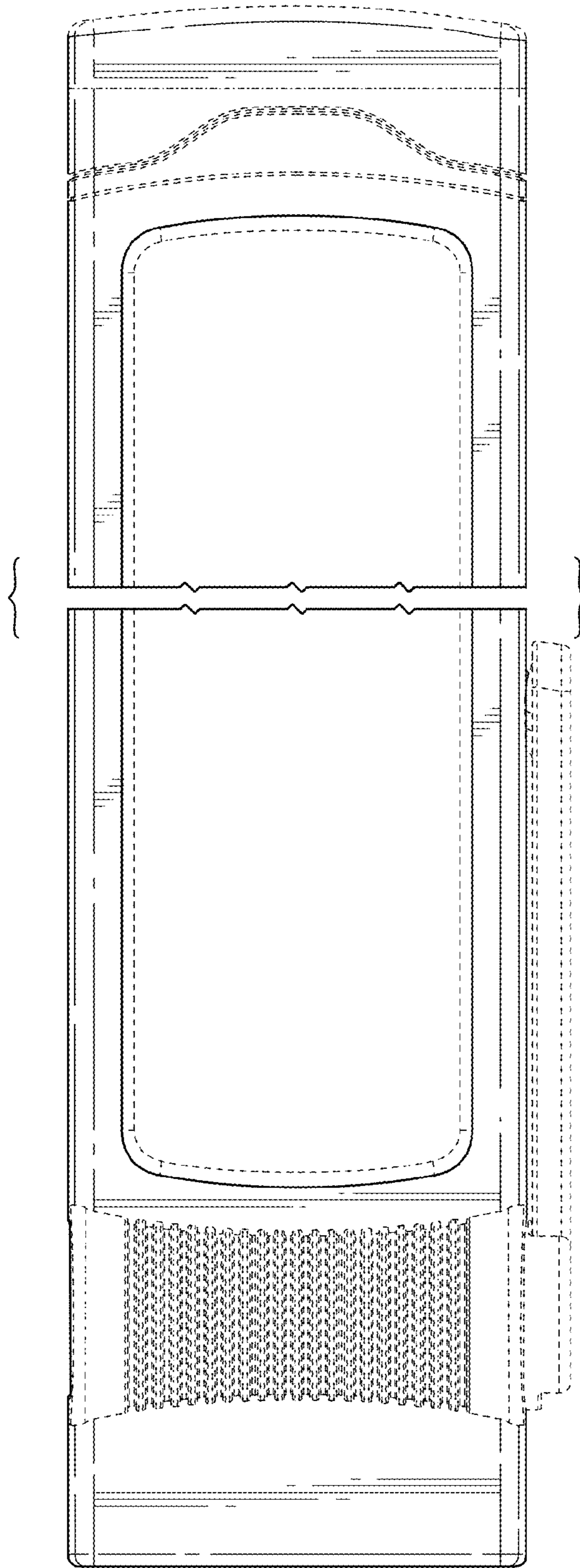


FIG. 3

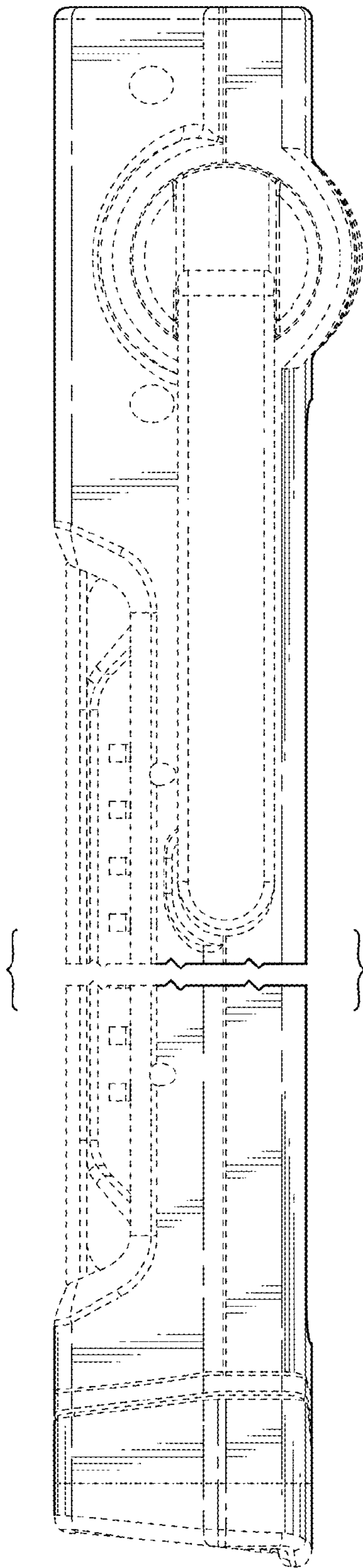


FIG. 4

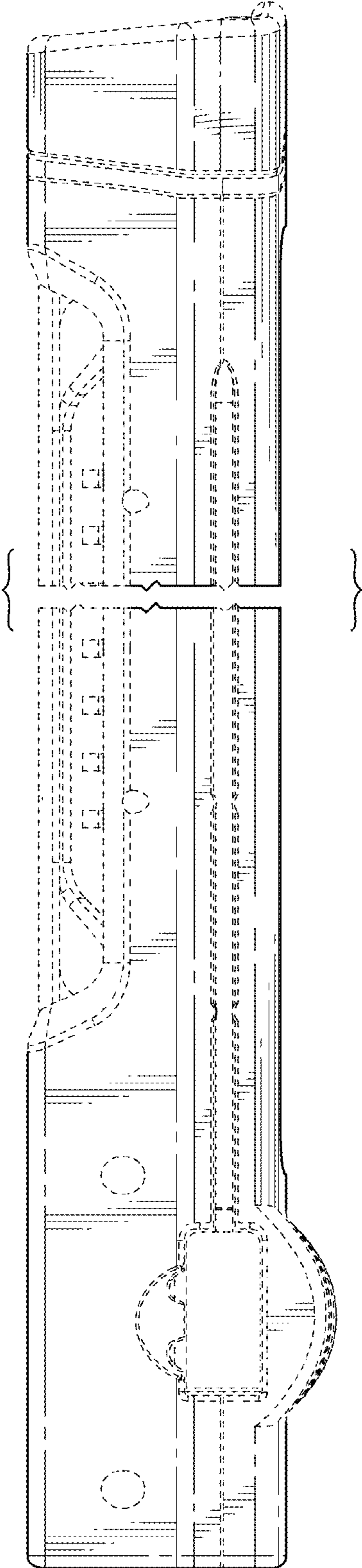


FIG. 5

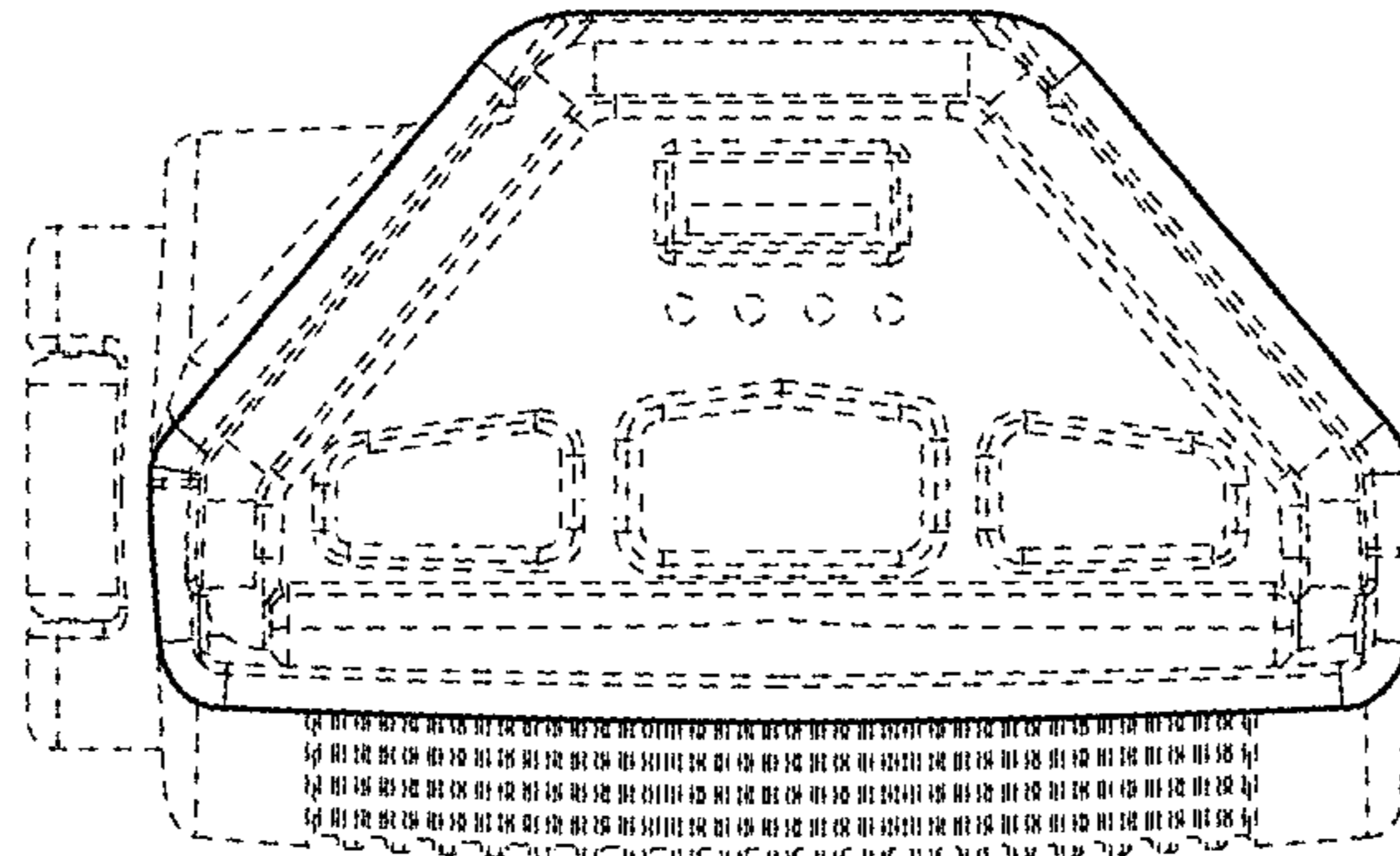


FIG. 6

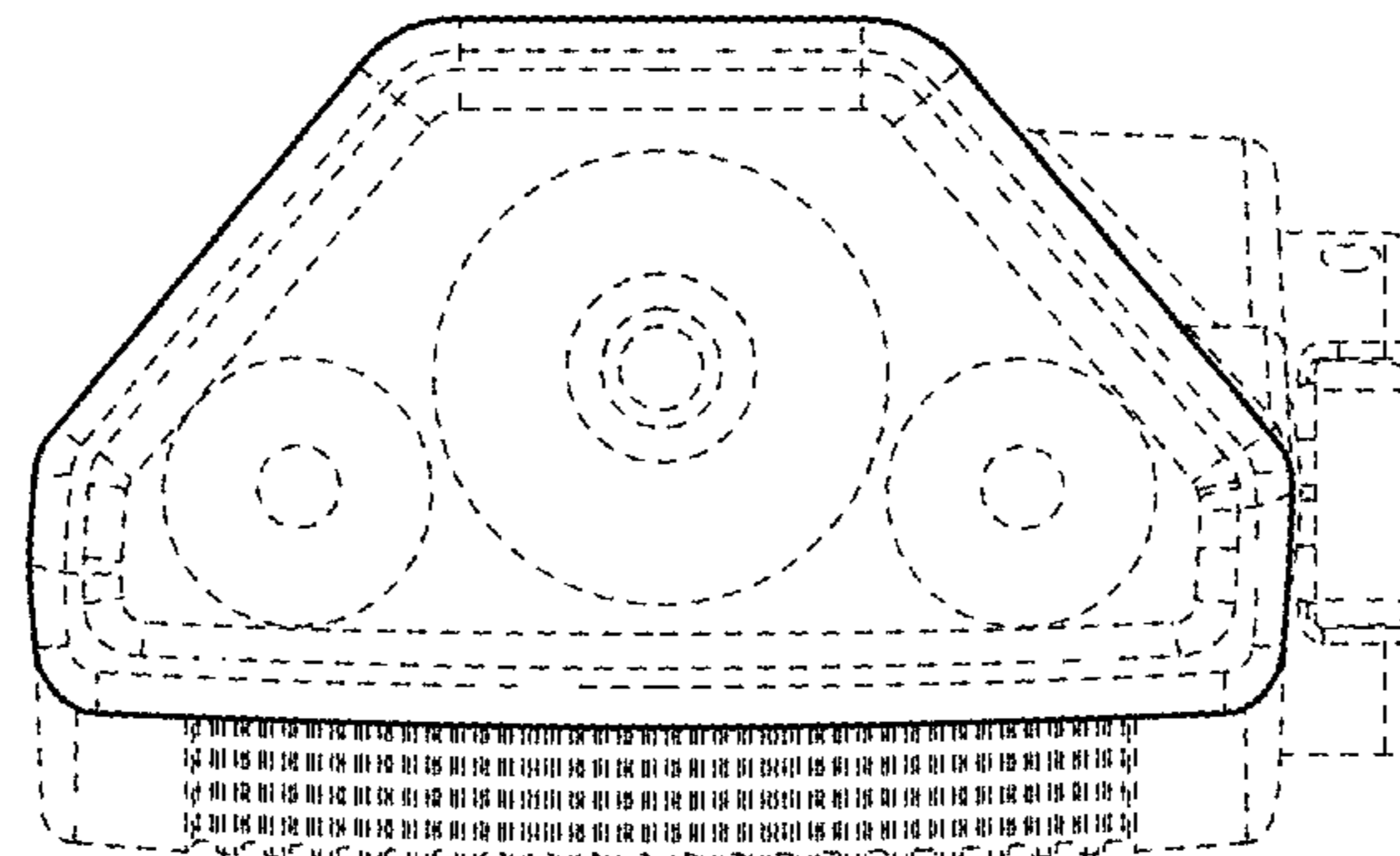


FIG. 7