



US00D970558S

(12) **United States Design Patent** (10) **Patent No.:** **US D970,558 S**
Wang (45) **Date of Patent:** **** Nov. 22, 2022**

(54) **TIRE INFLATOR**

FOREIGN PATENT DOCUMENTS

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

(Continued)

(21) Appl. No.: **29/814,966**

Primary Examiner — Calvin E Vansant

(22) Filed: **Nov. 10, 2021**

Assistant Examiner — Mark T. Philipps

(30) **Foreign Application Priority Data**

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May 17, 2021 (CN) 202130293533.4

(51) **LOC (13) Cl.** **15-02**

(52) **U.S. Cl.**
USPC **D15/7; D8/69**

(58) **Field of Classification Search**
USPC D15/7-9, 144.1; D8/68, 69; D23/213,
D23/223, 225-227
CPC F04B 53/14; F04B 53/92; F04B 33/00;
F04B 33/005; F04B 1/005; F04B 39/102;
F04D 13/06; F04D 29/22; F04D 29/046;
F04D 29/2266

See application file for complete search history.

(57) **CLAIM**

The ornamental design for a tire inflator, as shown and described.

DESCRIPTION

(56) **References Cited**

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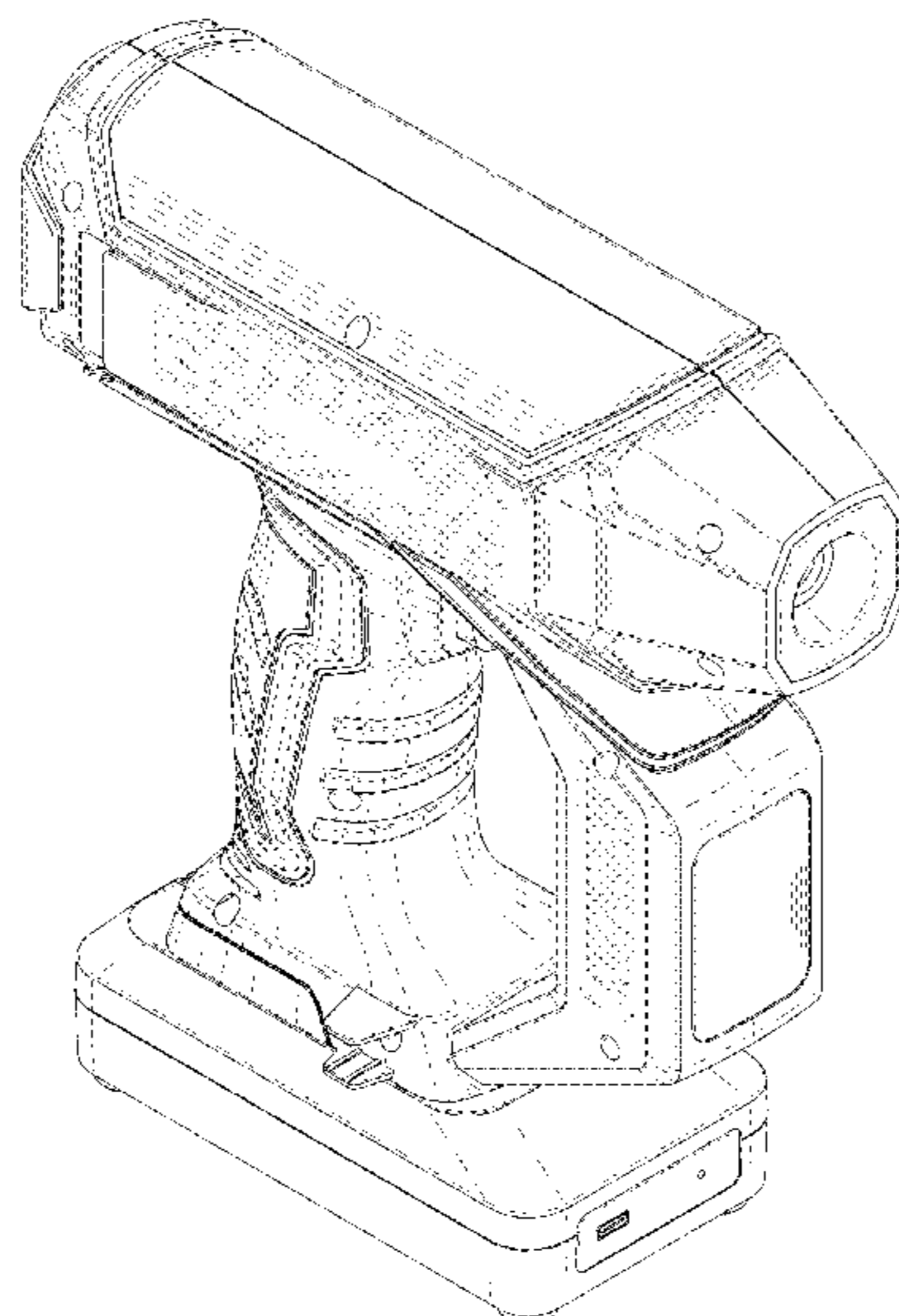
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FIG. 1 is a top, right perspective view of a first embodiment of a tire inflator showing our new design; FIG. 2 is a right side view thereof; FIG. 3 is a left side view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a front view thereof; FIG. 6 is a top view thereof; and FIG. 7 is a bottom view thereof. FIG. 8 is a top, right perspective view of a second embodiment of a tire inflator showing our new design; FIG. 9 is a right side view thereof; FIG. 10 is a left side view thereof; FIG. 11 is a rear view thereof; FIG. 12 is a front view thereof; FIG. 13 is a top view thereof; and, FIG. 14 is a bottom view thereof.

The broken lines shown in the Figures represent portions of the tire inflator that form no part of the claimed design.

1 Claim, 14 Drawing Sheets



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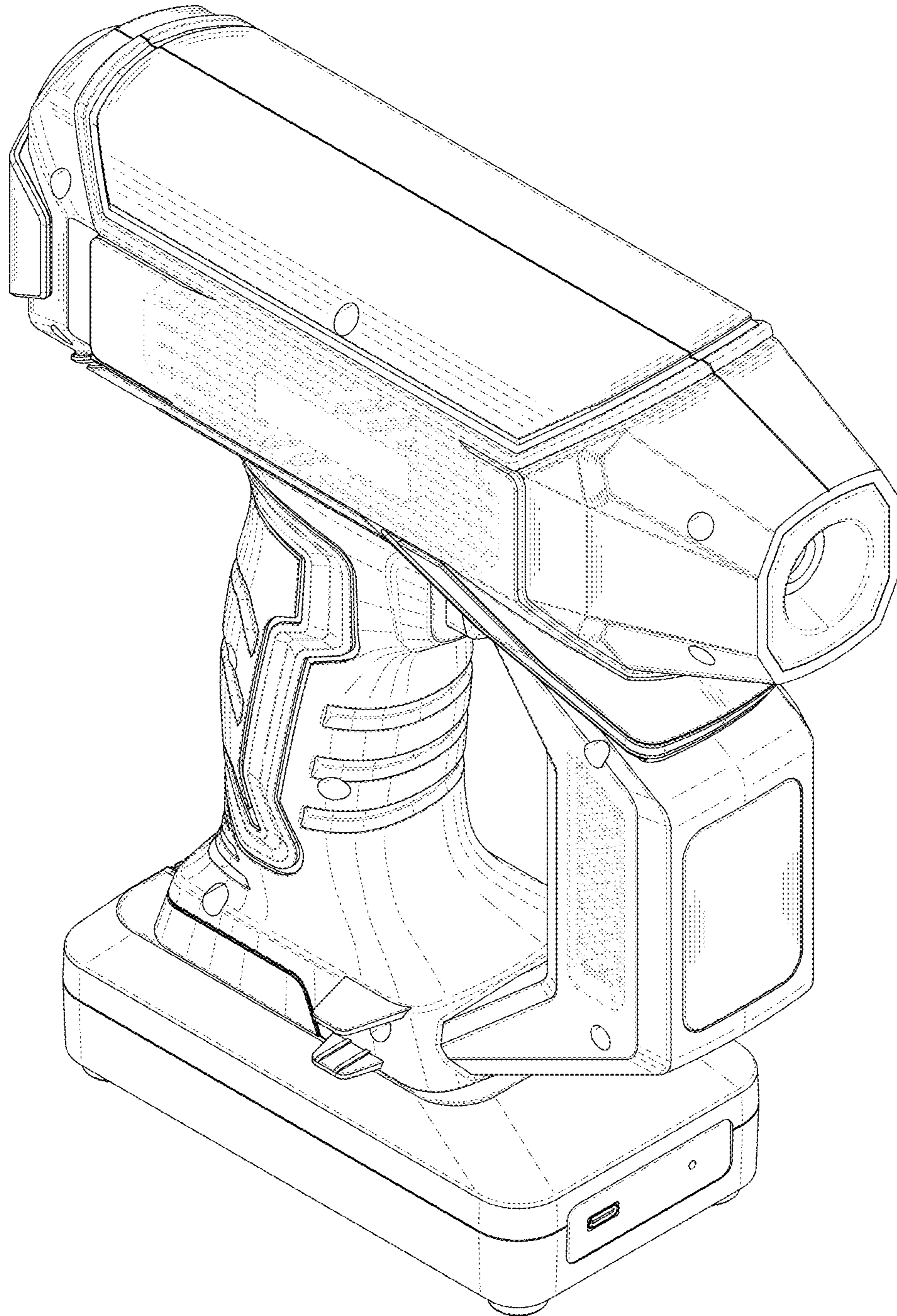


FIG.1

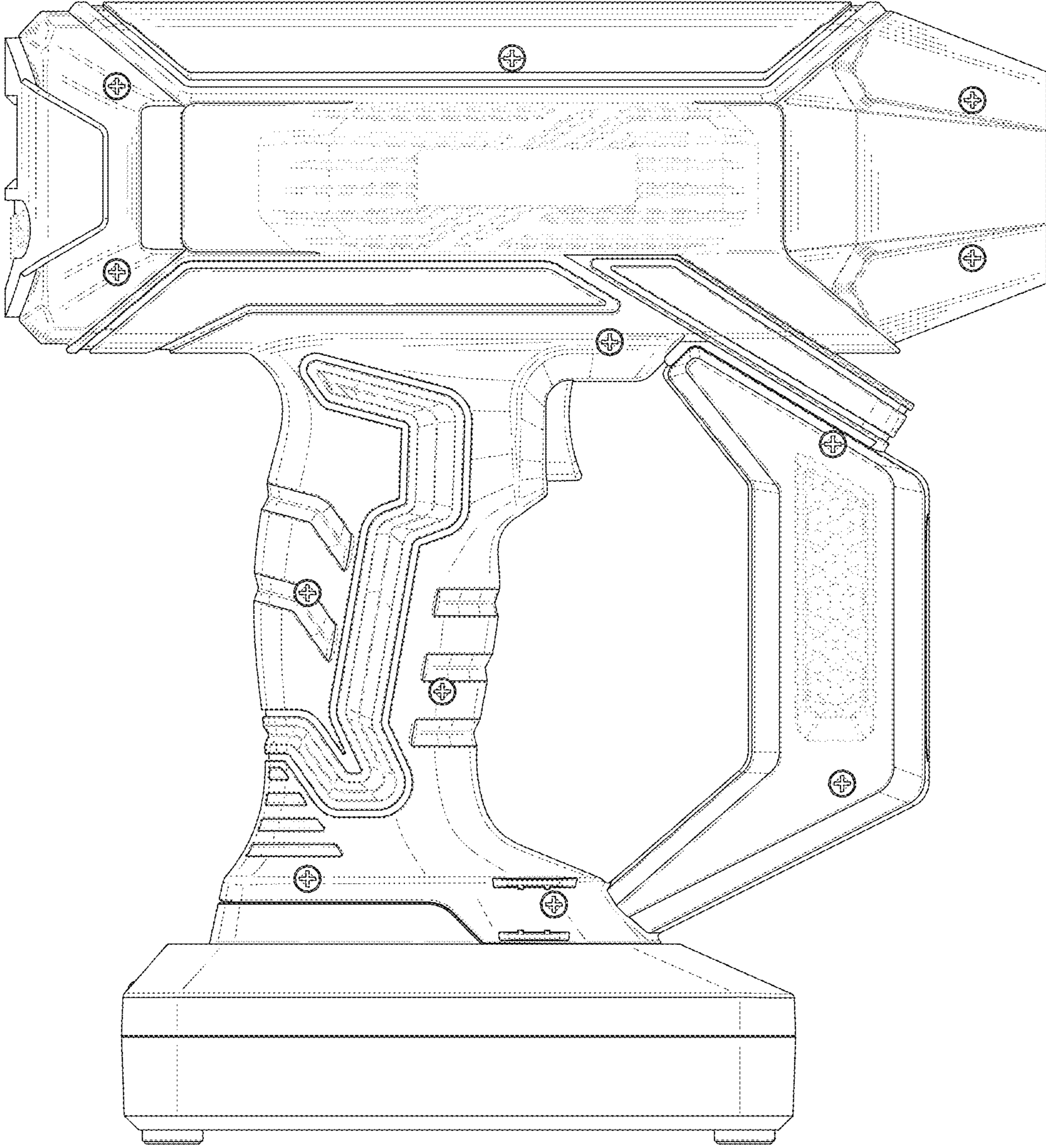


FIG.2

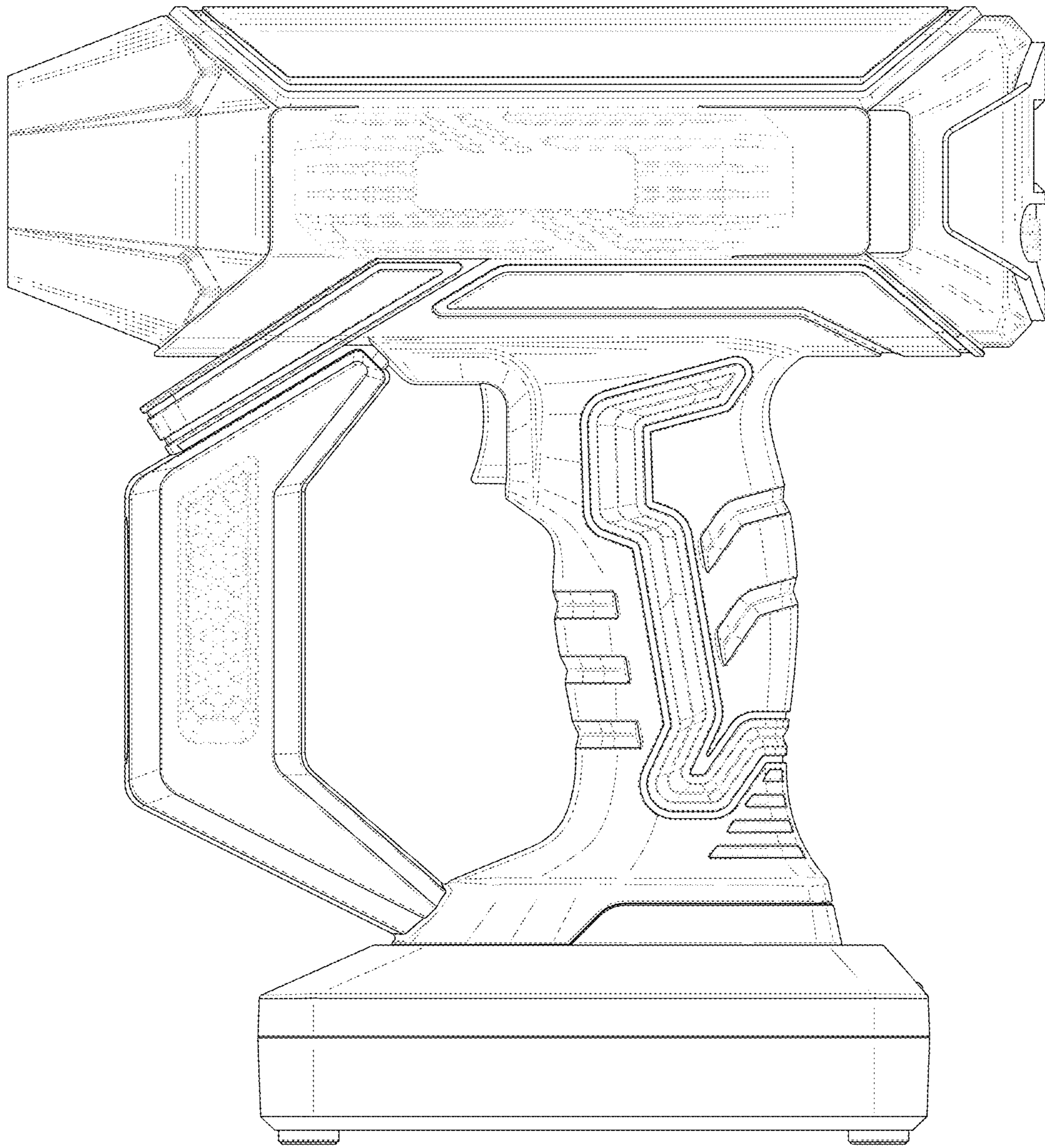


FIG.3

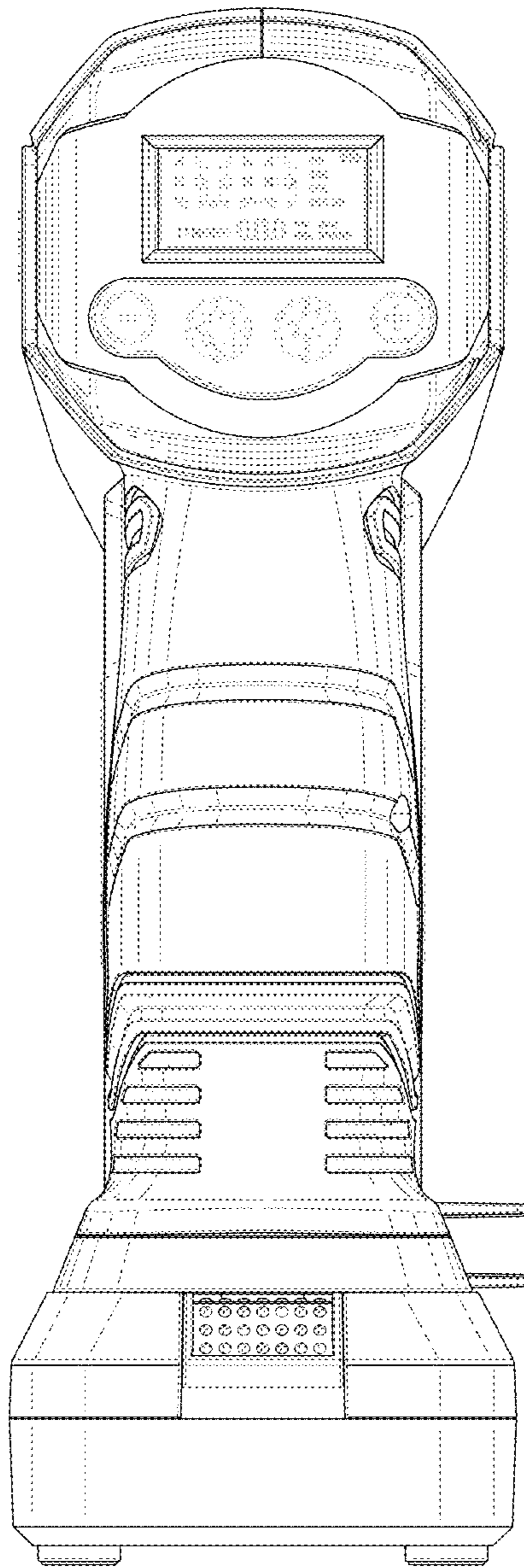


FIG.4

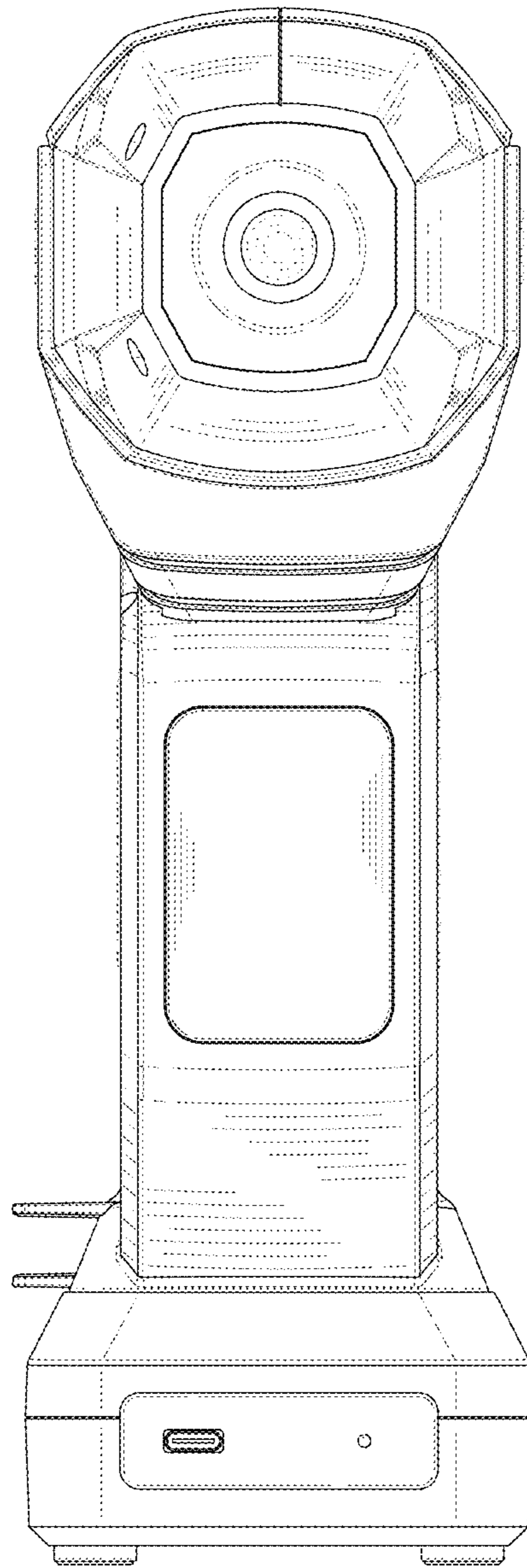


FIG.5

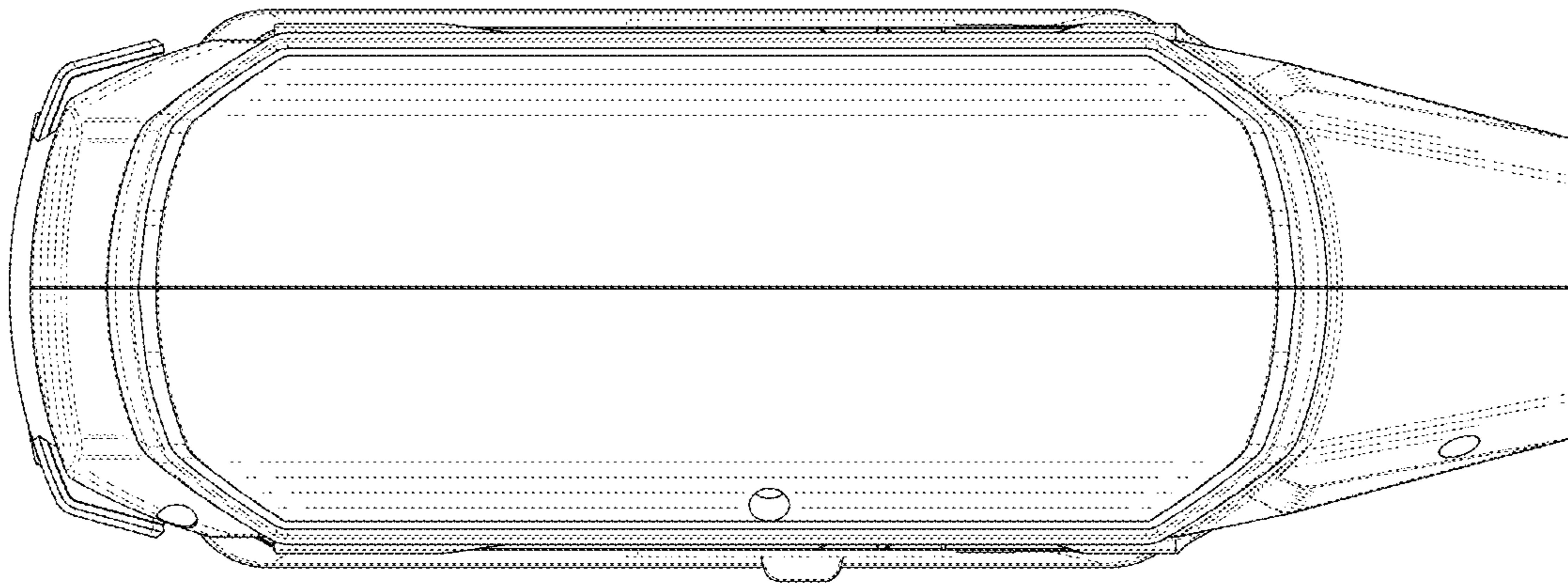


FIG.6

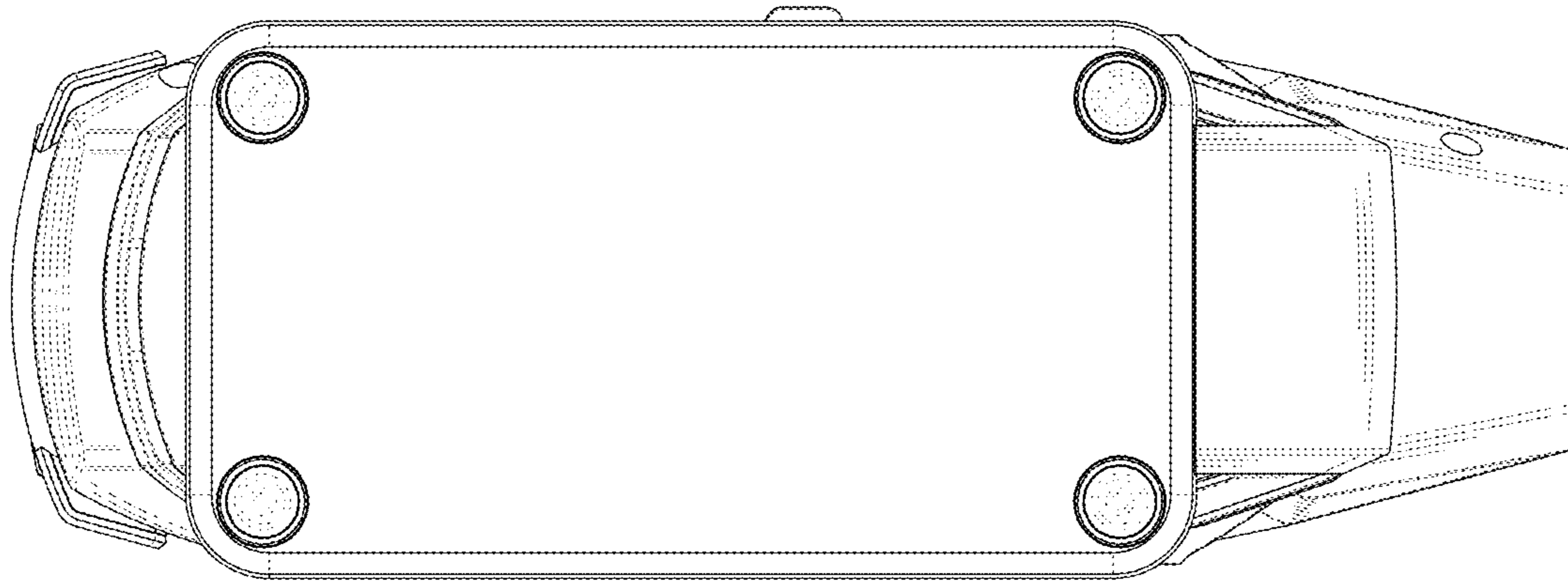


FIG.7

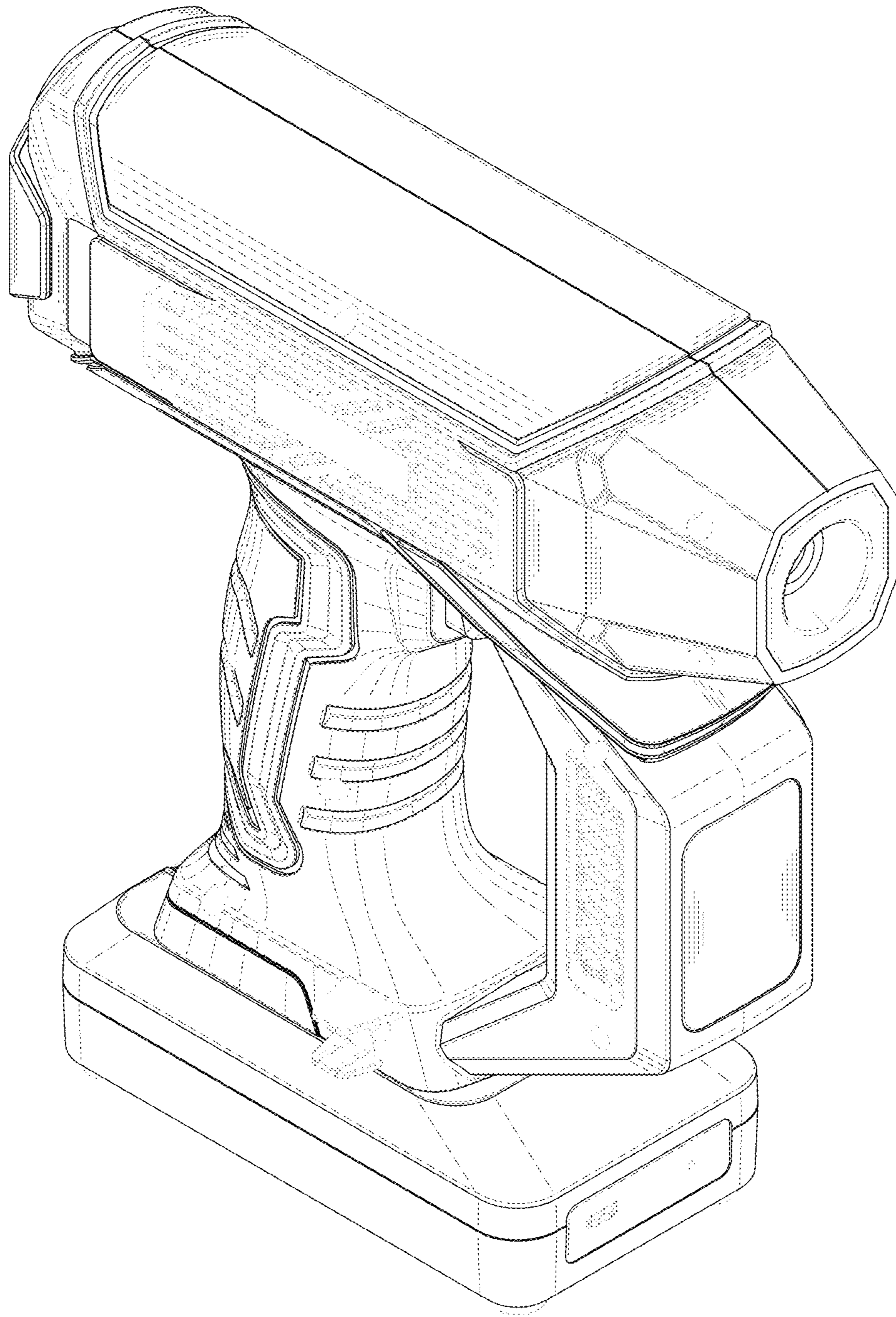


FIG. 8

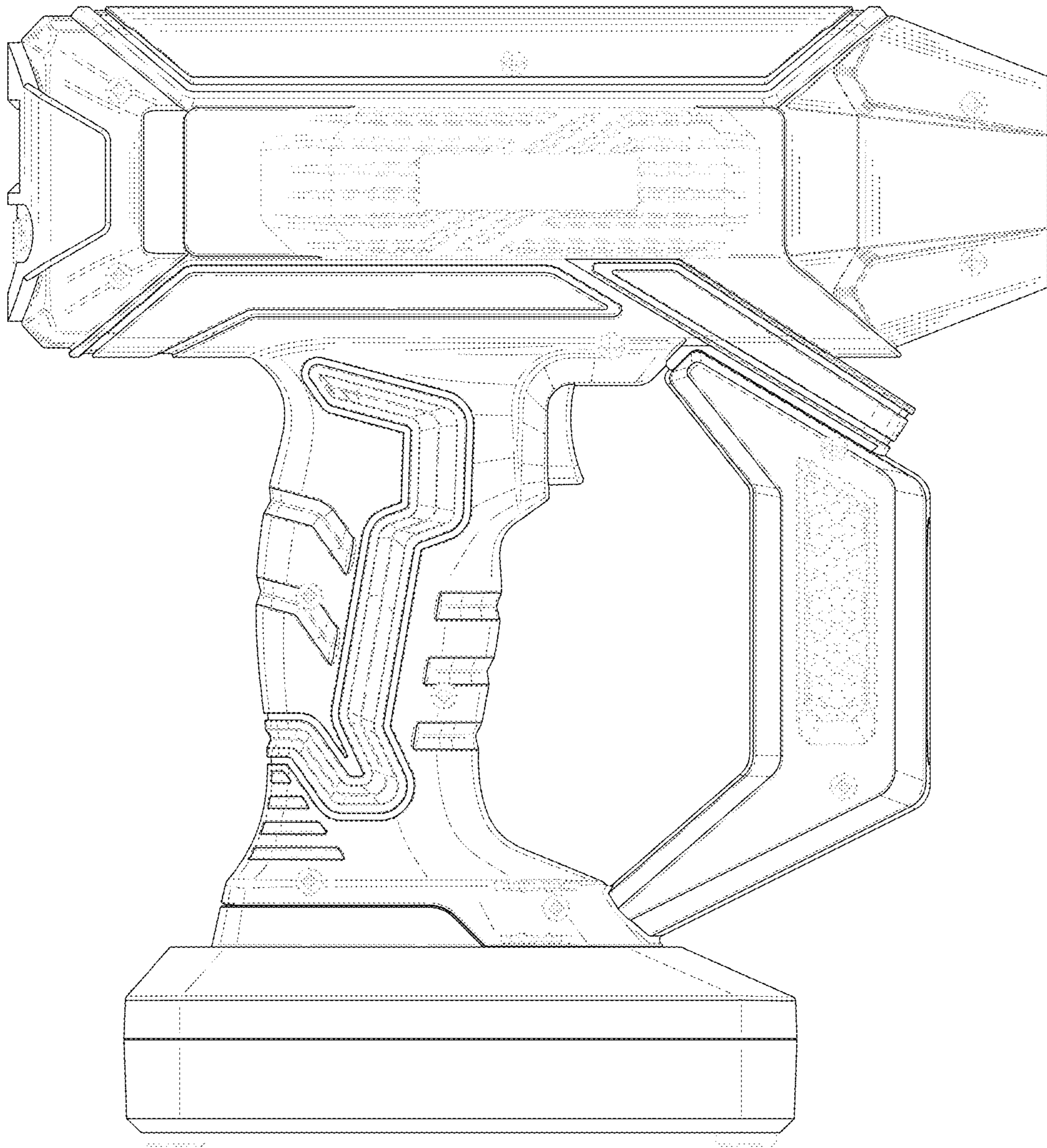


FIG. 9

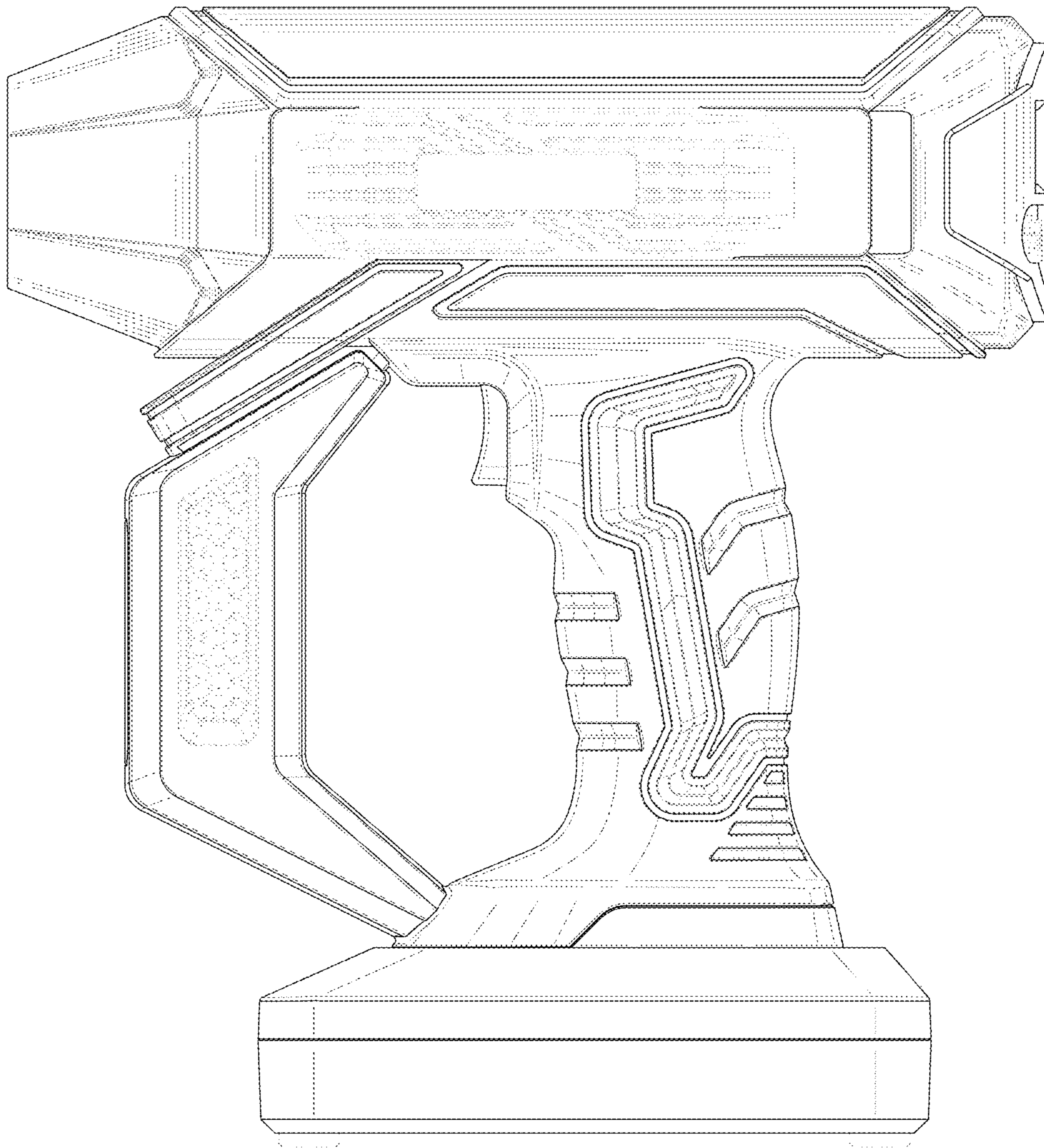


FIG. 10

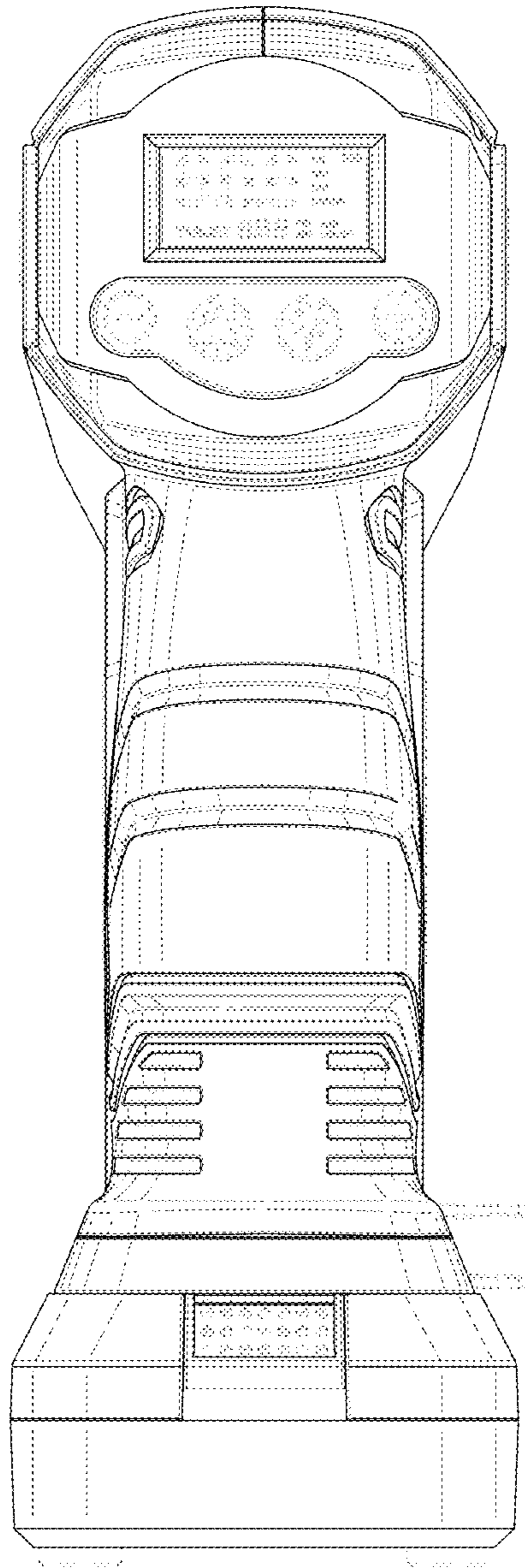


FIG. 11

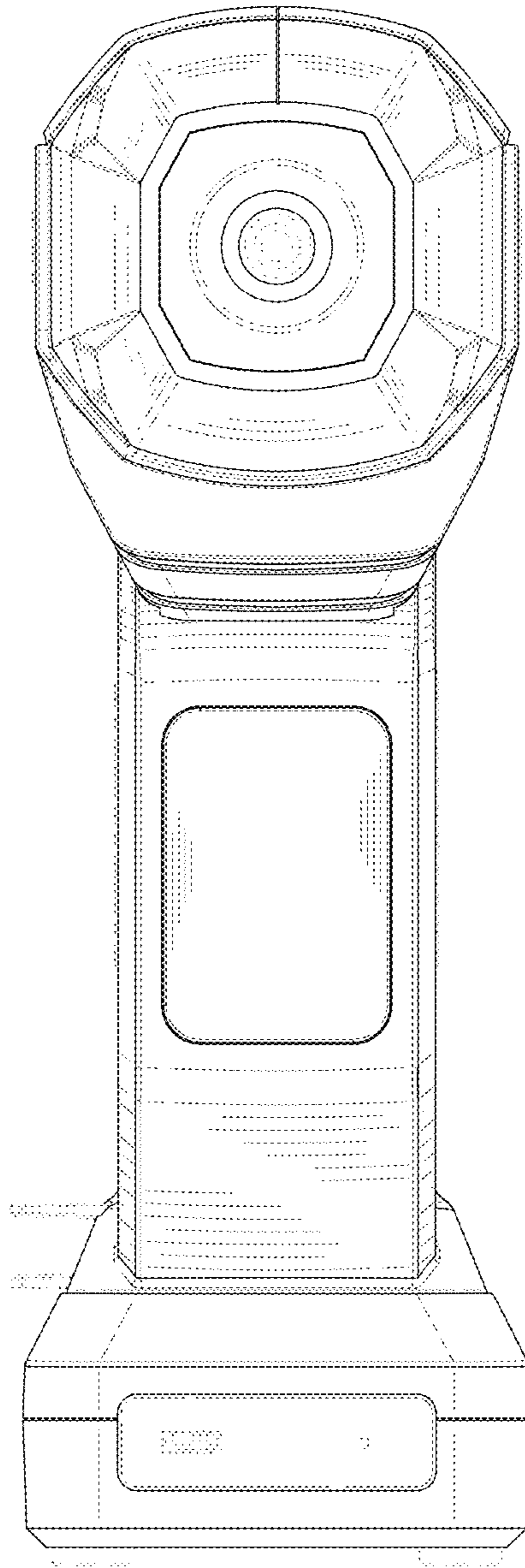


FIG. 12

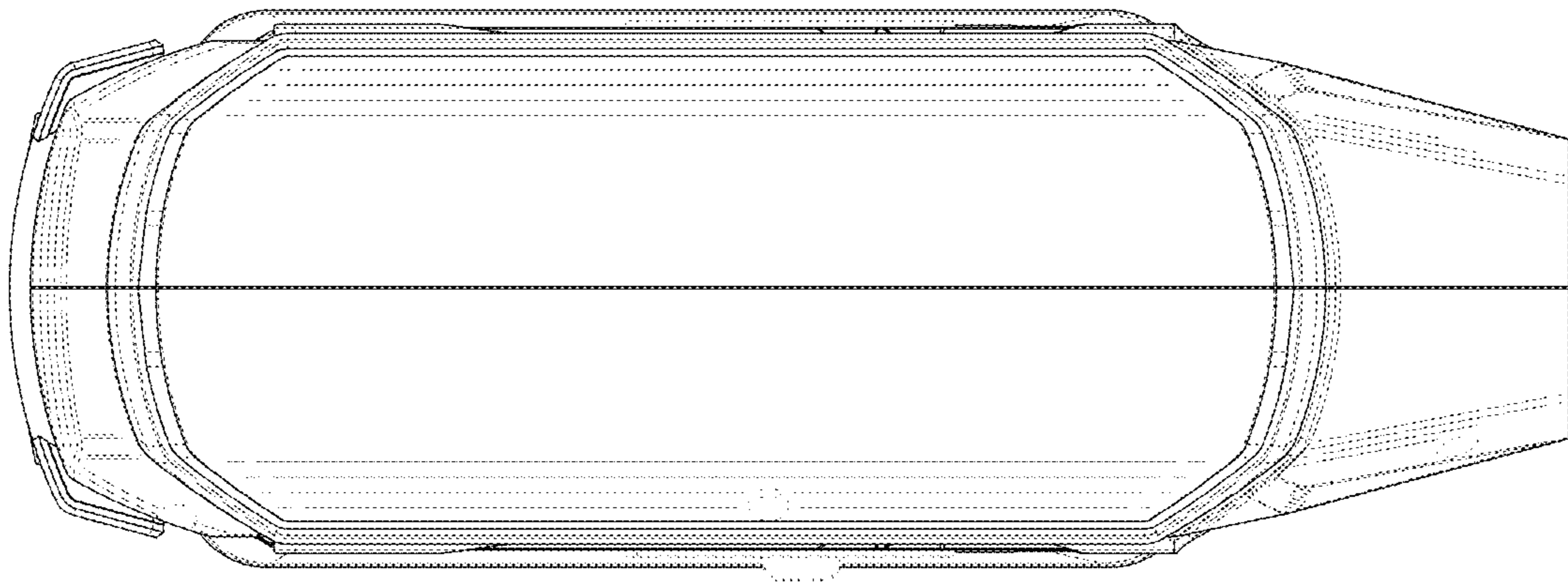


FIG. 13

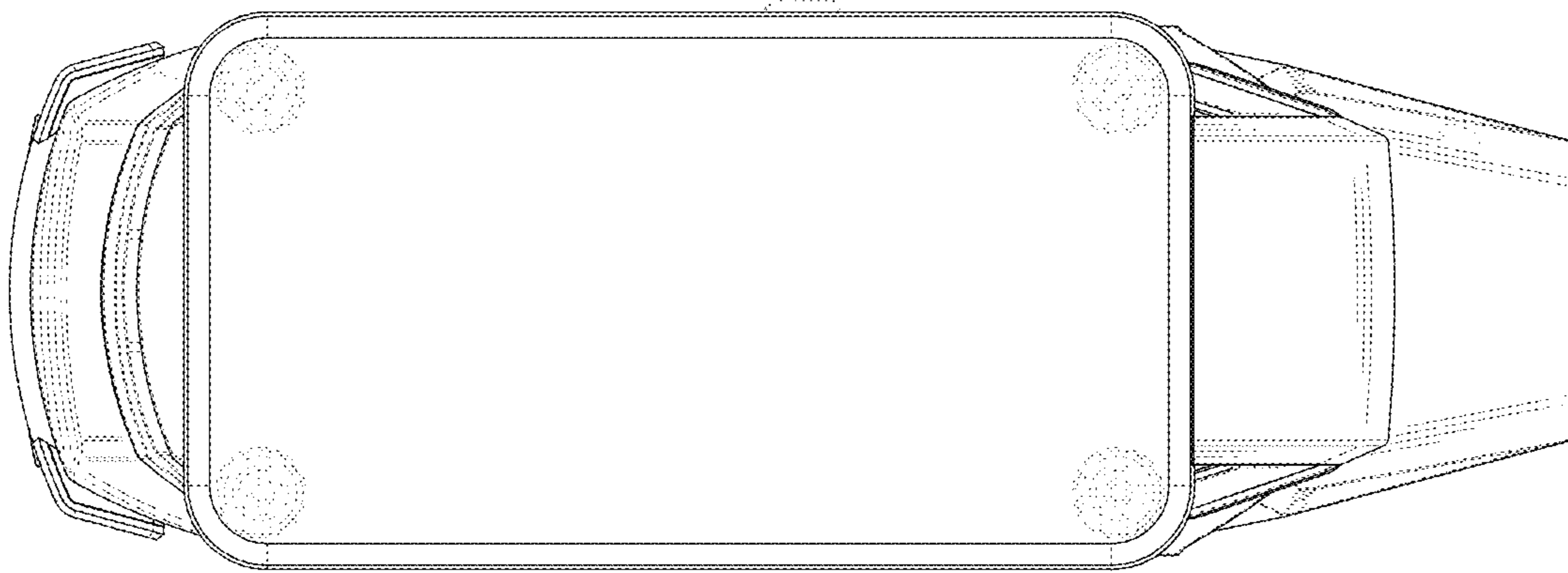


FIG. 14