



US00D913509S

(12) **United States Design Patent** (10) **Patent No.:** **US D913,509 S**
Young et al. (45) **Date of Patent:** **** Mar. 16, 2021**

(54) **APPLICATOR DEVICE FOR DISPENSING CARBON DIOXIDE ENHANCED TOPICAL SUBSTANCES**

Primary Examiner — Wan Laymon

(74) *Attorney, Agent, or Firm* — J.A. Lindeman & Co., PLLC

(71) Applicant: **CRYOCONCEPTS LP**, Bethlehem, PA (US)

(57) **CLAIM**

(72) Inventors: **Lincoln C. Young**, Bethlehem, PA (US); **R. Sam Niedbala**, Bethlehem, PA (US); **Philip Michael Formica**, Bethlehem, PA (US); **Amanda Devine**, Bethlehem, PA (US)

The ornamental design for an applicator device for dispensing carbon dioxide enhanced topical substances, as shown and described.

(73) Assignee: **CRYOCONCEPTS LP**, Bethlehem, PA (US)

DESCRIPTION

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

FIG. 1 is a right front perspective view of an applicator device for dispensing carbon dioxide enhanced topical substances in accordance with our new design.

(21) Appl. No.: **29/726,909**

FIG. 2 is a front view of the applicator device for dispensing carbon dioxide enhanced topical substances of FIG. 1.

(22) Filed: **Mar. 6, 2020**

FIG. 3 is a rear view of the applicator device for dispensing carbon dioxide enhanced topical substances of FIG. 1.

(51) **LOC (13) Cl.** **28-03**

FIG. 4 is a left side view of the applicator device for dispensing carbon dioxide enhanced topical substances of FIG. 1.

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

USPC **D24/200**; D24/209

FIG. 5 is a right side view of the applicator device for dispensing carbon dioxide enhanced topical substances of FIG. 1.

(58) **Field of Classification Search**

USPC D24/200, 206, 209–210, 214, 185–186, D24/107; D28/9, 44.1

FIG. 6 is a top view of the applicator device for dispensing carbon dioxide enhanced topical substances of FIG. 1; and, FIG. 7 is a bottom view of the applicator device for dispensing carbon dioxide enhanced topical substances of FIG. 1.

CPC A61N 5/0616; A61N 5/06; A61N 5/0613; A61N 5/062; A61N 5/0625; A61N 2005/0643; A61N 2005/0644; A61N 2005/0651; A61N 2005/0652; A61F 13/122; A61B 2018/00452; A61B 2018/1807; A61B 18/14

See application file for complete search history.

(56) **References Cited**

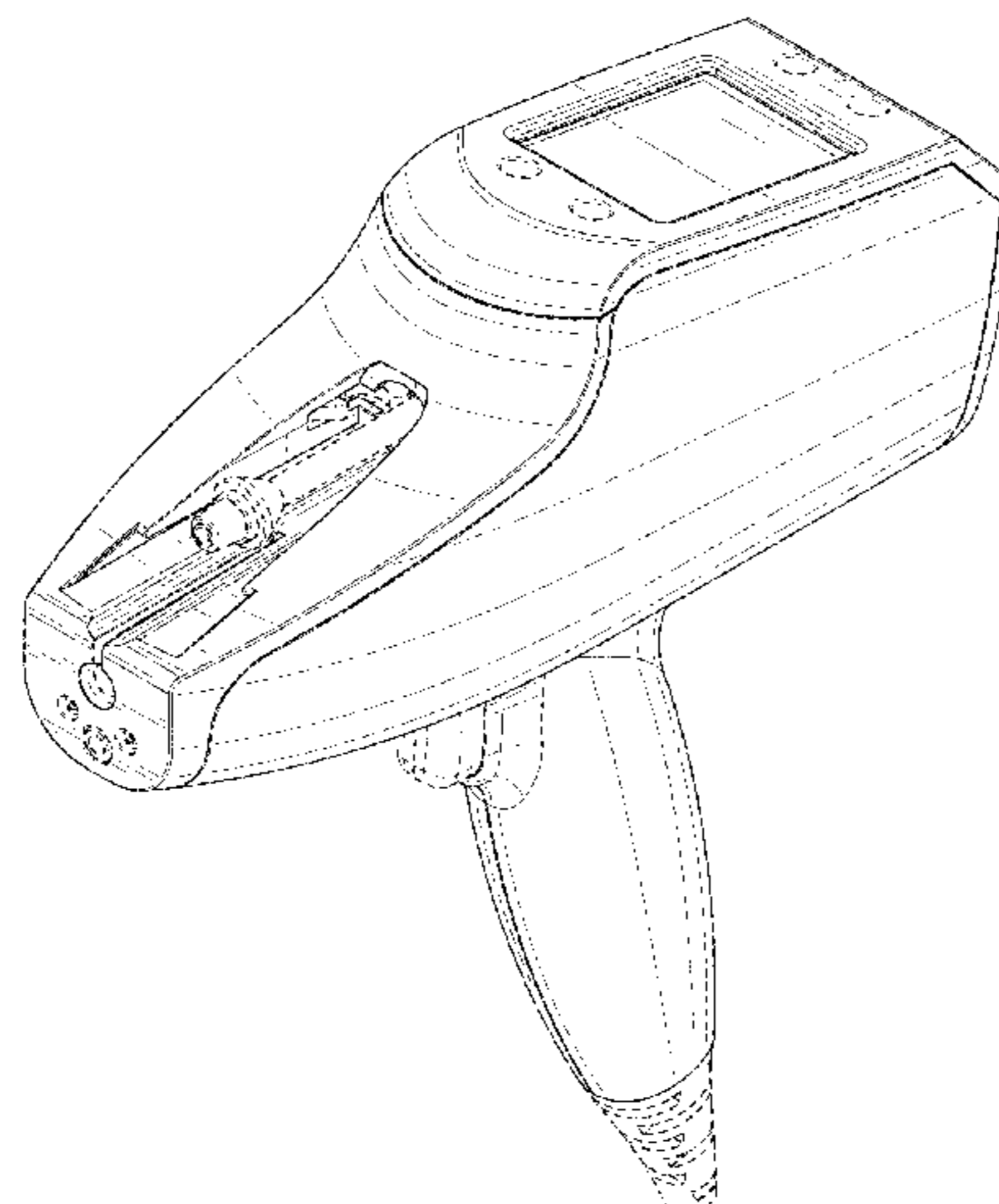
U.S. PATENT DOCUMENTS

D329,291 S * 9/1992 Wollman D24/200
7,189,230 B2 * 3/2007 Knowlton A61B 18/14
606/33
7,229,436 B2 * 6/2007 Stern A61B 18/14
606/41
8,287,579 B2 * 10/2012 Nimitz A61B 18/14
607/104

The broken lines depict portions of the applicator device for dispensing carbon dioxide enhanced topical substances that form no part of the claimed design. The shade lines shown through the views are to indicate surface contour and are not intended to be surface ornamentation.

(Continued)

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

| | | | | |
|--------------|------|---------|-----------------|-------------|
| D759,831 | S * | 6/2016 | Levi | D24/200 |
| 9,566,088 | B2 * | 2/2017 | Ignon | A61B 50/20 |
| 10,376,693 | B2 * | 8/2019 | Yamazaki | A61B 18/14 |
| D862,717 | S * | 10/2019 | Khubani | D24/200 |
| 2013/0158547 | A1 * | 6/2013 | David | A61N 5/0616 |
| | | | | 606/41 |
| 2018/0036553 | A1 * | 2/2018 | Shiibashi | A61N 5/0617 |
| 2020/0001108 | A1 * | 1/2020 | Koifman | A61N 5/0616 |

* cited by examiner

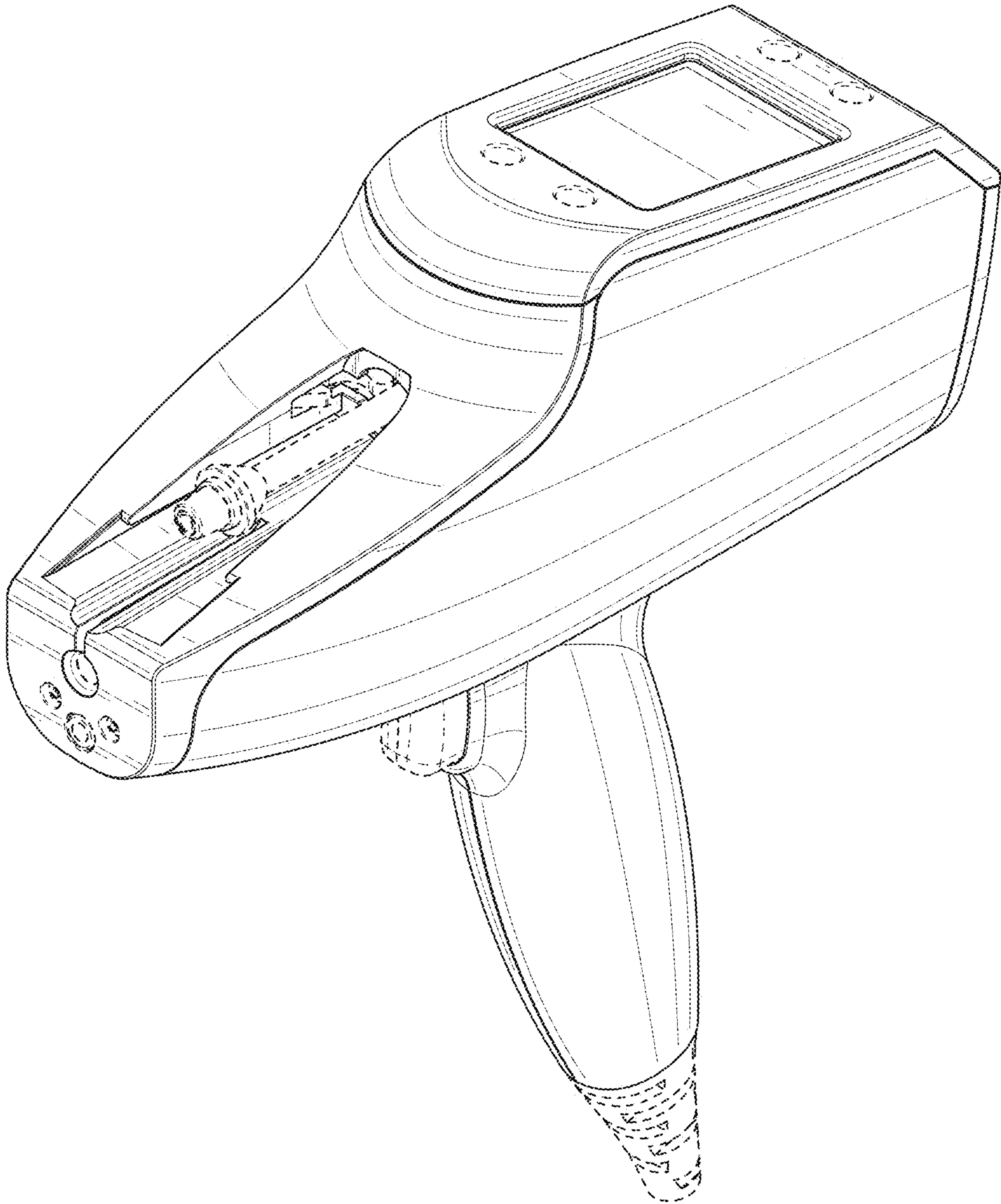


FIG. 1

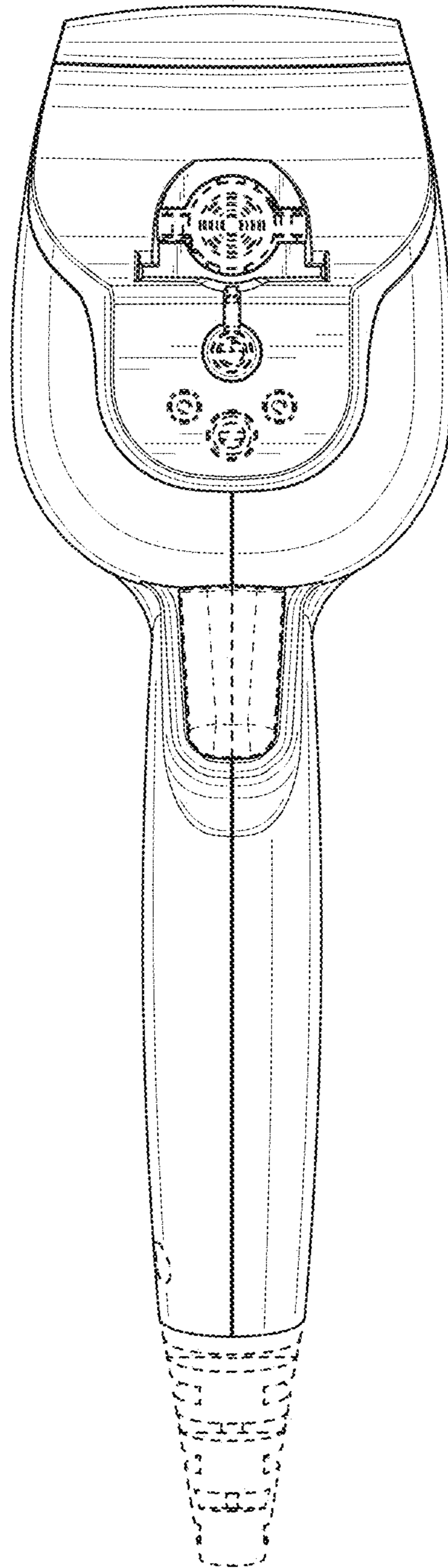


FIG. 2

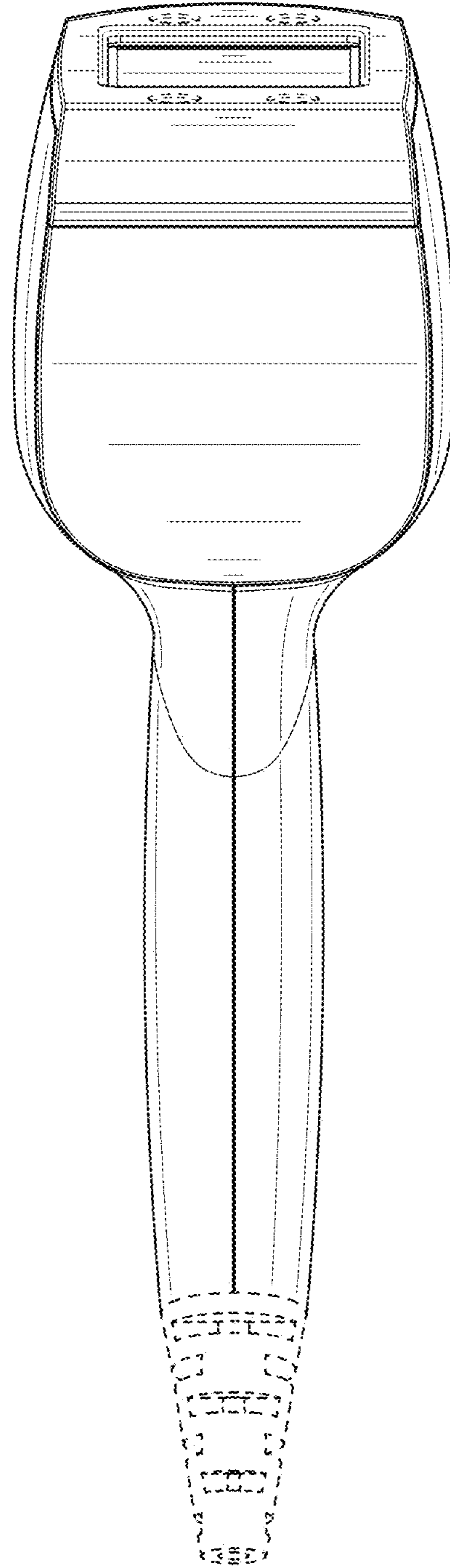


FIG. 3

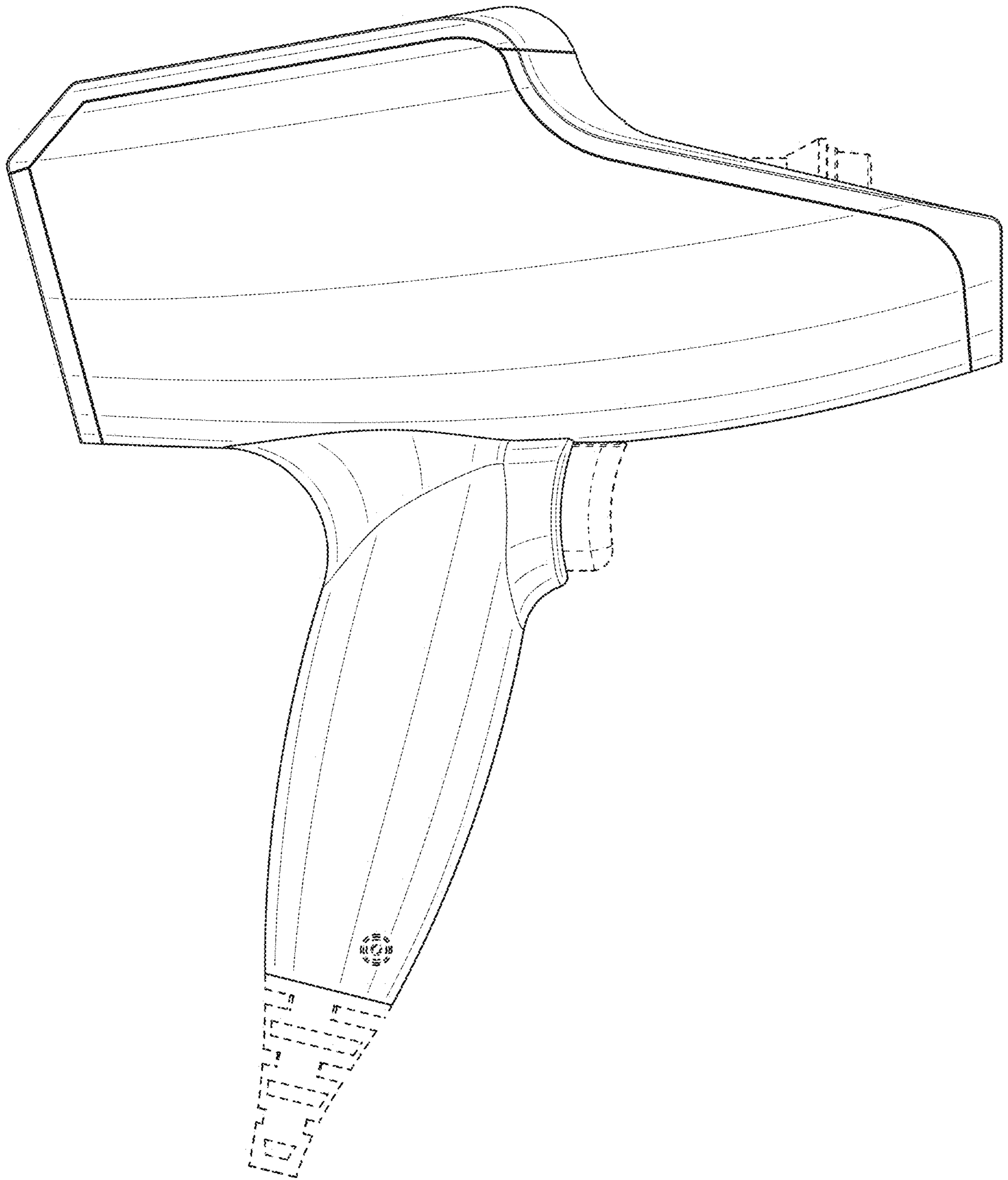


FIG. 4

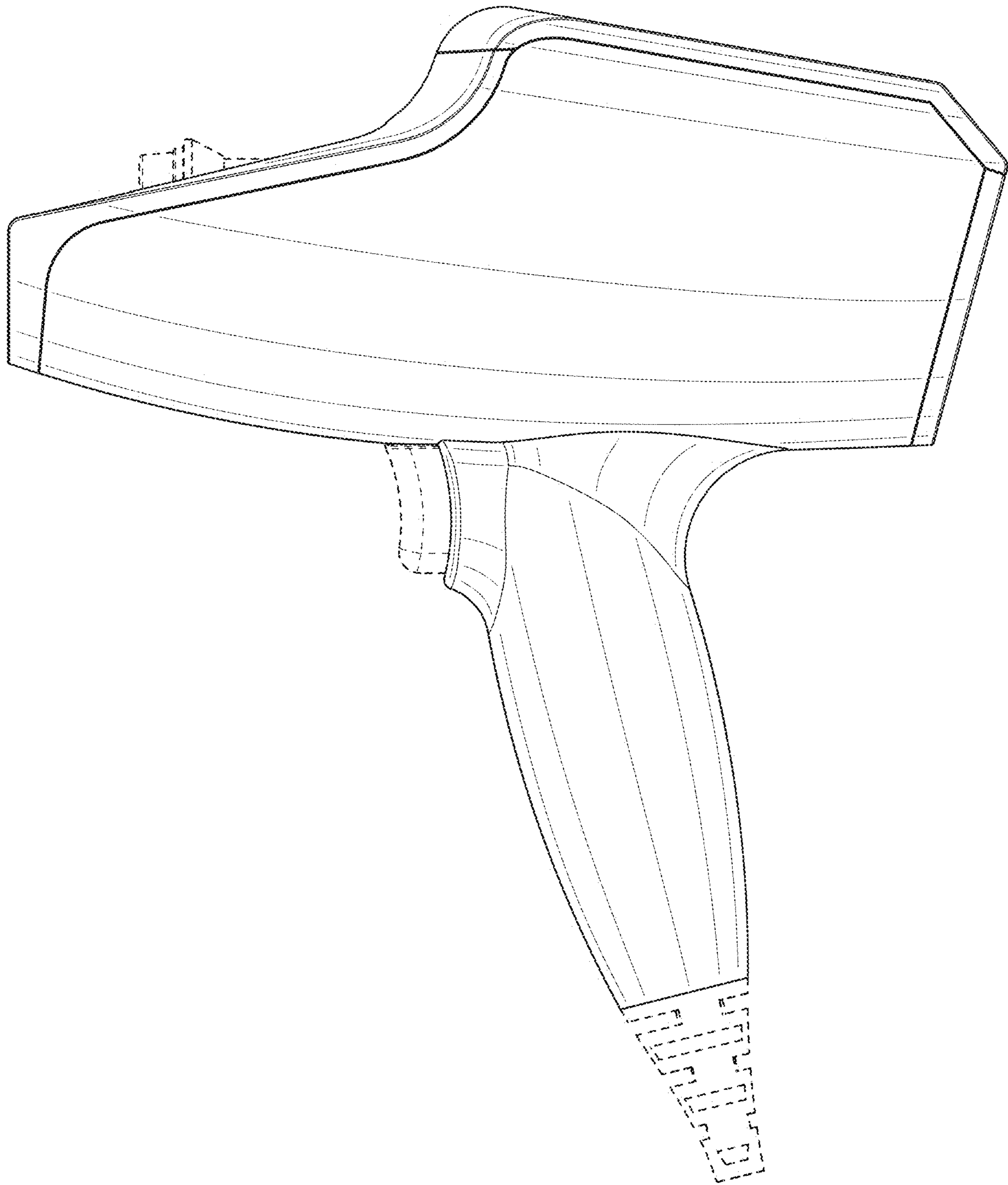


FIG. 5

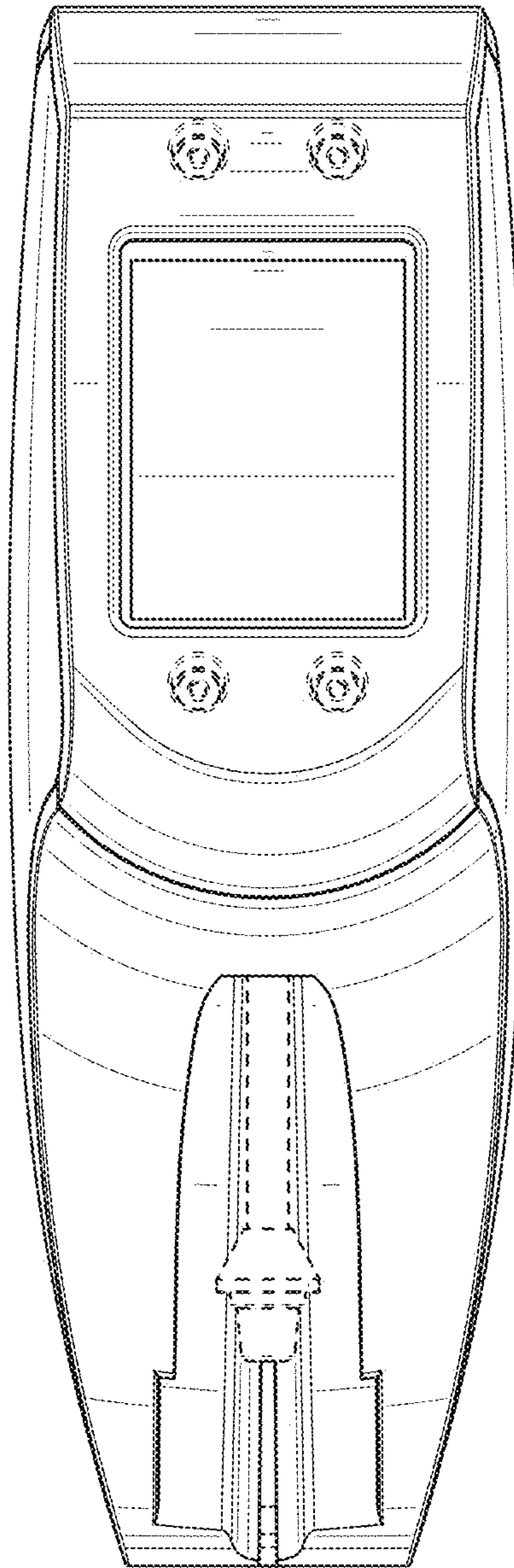


FIG. 6

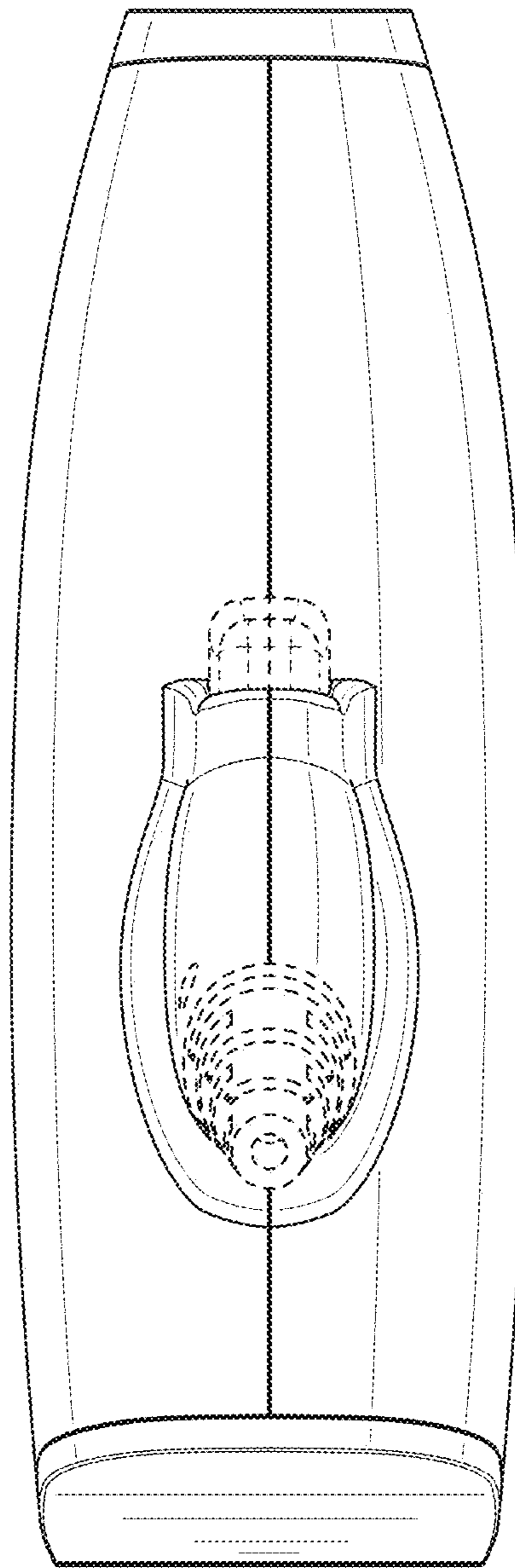


FIG. 7