



US00D975016S

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

(10) **Patent No.:** **US D975,016 S**
(45) **Date of Patent:** **** Jan. 10, 2023**

(54) **MOBILE PHONE CHARGER**

(71) Applicant: **MingZi Luo**, Heyuan (CN)

(72) Inventor: **MingZi Luo**, Heyuan (CN)

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

(21) Appl. No.: **29/850,642**

(22) Filed: **Aug. 22, 2022**

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

(52) **U.S. Cl.**
USPC **D13/108**

(58) **Field of Classification Search**
USPC D13/102–108, 110, 118, 119; D14/251,
D14/253, 432, 434
CPC H02J 7/02; H02J 7/0027; H02J 7/0021;
H02J 7/0026; H02J 7/0044; H02J 7/0045;
H02J 7/0054; H02J 50/80; H05K 5/00;
H05K 5/0018; H02G 3/10; B60L 53/00;
B60L 53/10; B60L 53/12; B60L 53/14;
B60L 53/16; B60L 53/18; B60L 53/31;
B60L 53/50; H01M 10/44; H01M 10/46
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|--------------|---------|-----------|-------|---------|
| D655,242 S * | 3/2012 | Holthusen | ..... | D13/107 |
| D718,235 S | 11/2014 | Uzuyama | | |
| D733,047 S * | 6/2015 | Shin | ..... | D13/107 |
| D777,101 S * | 1/2017 | Shimada | ..... | D13/107 |
| D790,456 S * | 6/2017 | Aiello | ..... | D13/107 |
| D791,074 S * | 7/2017 | Kim | ..... | D13/107 |
| D884,613 S * | 5/2020 | Minkyoo | ..... | D13/107 |
| D947,118 S * | 3/2022 | Hwang | ..... | D13/107 |
| D958,734 S * | 7/2022 | Steenwyk | ..... | D13/107 |
| D959,364 S * | 8/2022 | Steenwyk | ..... | D13/107 |

| | | | | |
|-------------------|---------|--------|-------|----------------------|
| D965,516 S * | 10/2022 | Runge | ..... | D13/107 |
| D966,185 S * | 10/2022 | Gupta | ..... | D13/107 |
| 2015/0097090 A1 * | 4/2015 | Musick | ..... | H01R 13/72 248/65 |
| 2020/0203973 A1 * | 6/2020 | Watson | ..... | H02J 50/10 |

* cited by examiner

Primary Examiner — Christy Nemeth

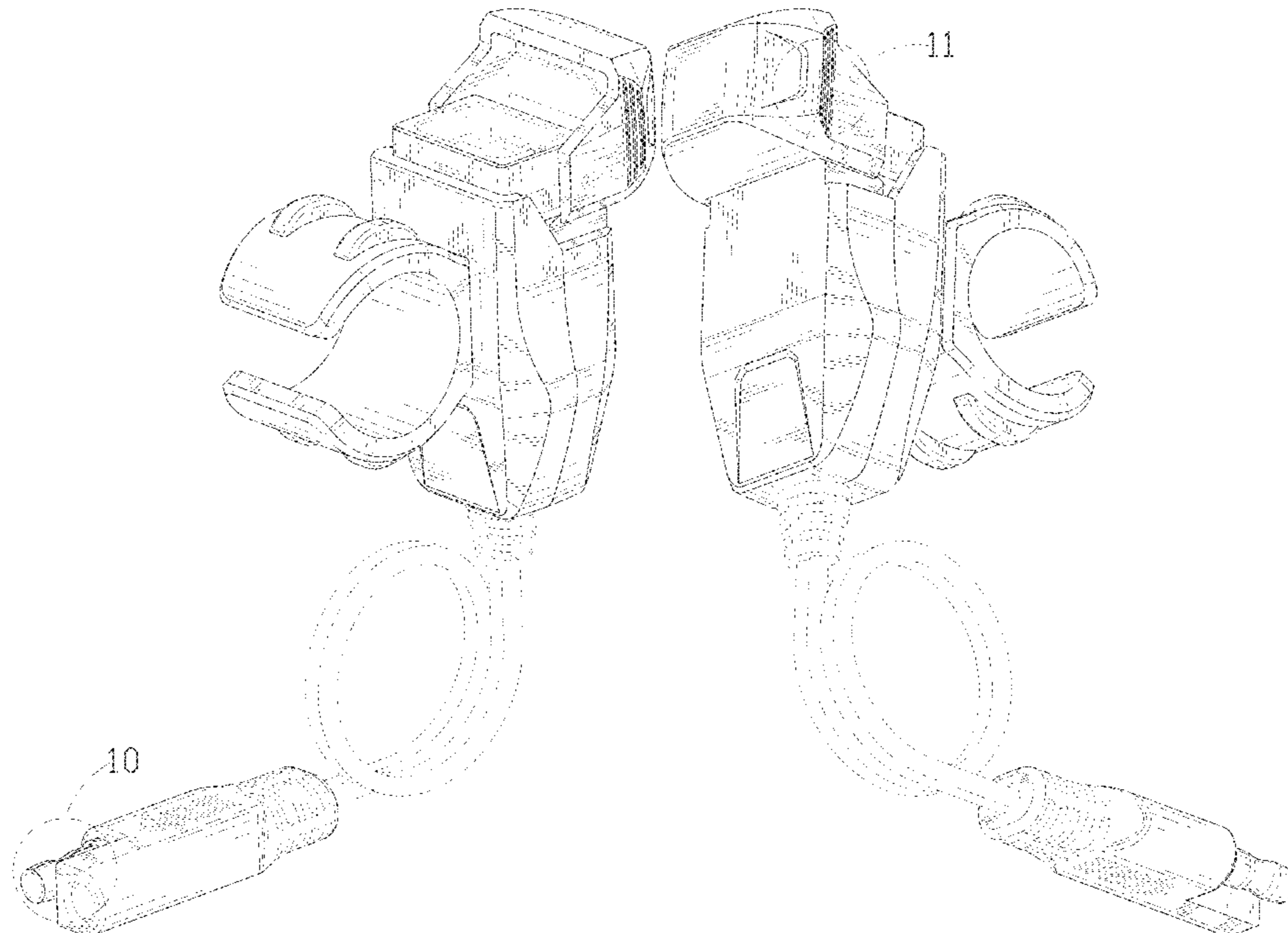
(57) **CLAIM**

The ornamental design for a mobile phone charger, as shown and described.

DESCRIPTION

FIG. 1 is a front and top perspective view of a mobile phone charger, showing my new design;
 FIG. 2 is a rear and bottom perspective view thereof;
 FIG. 3 is a front elevation view thereof;
 FIG. 4 is a rear elevation view thereof;
 FIG. 5 is a left side elevation view thereof;
 FIG. 6 is a right side elevation view thereof;
 FIG. 7 is a top plan view thereof;
 FIG. 8 is a bottom plan view thereof;
 FIG. 9 is another perspective view thereof, shown in an alternative position;
 FIG. 10 is an enlarged perspective view of detail “10” identified in FIG. 1; and,
 FIG. 11 is an enlarged perspective view of detail “11” identified in FIG. 2.
 The dashed lines in the figures illustrate portions of the mobile phone charger that form no part of the claimed design. The dash dot dash lines in FIGS. 1, 2, 10 and 11 are for the purpose of depicting the boundary lines of the enlarged views and form no part of the claimed design.

1 Claim, 11 Drawing Sheets



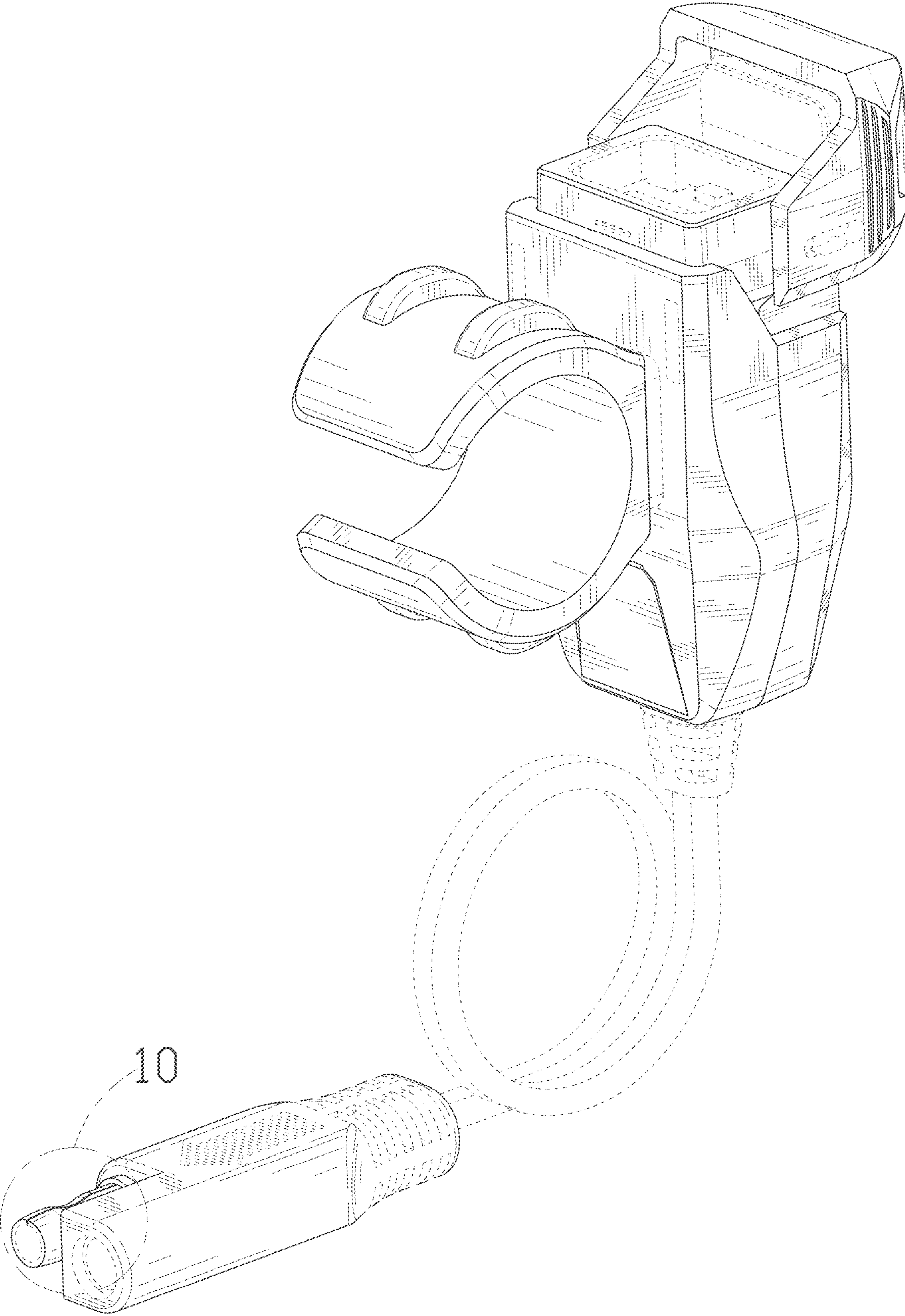


FIG. 1

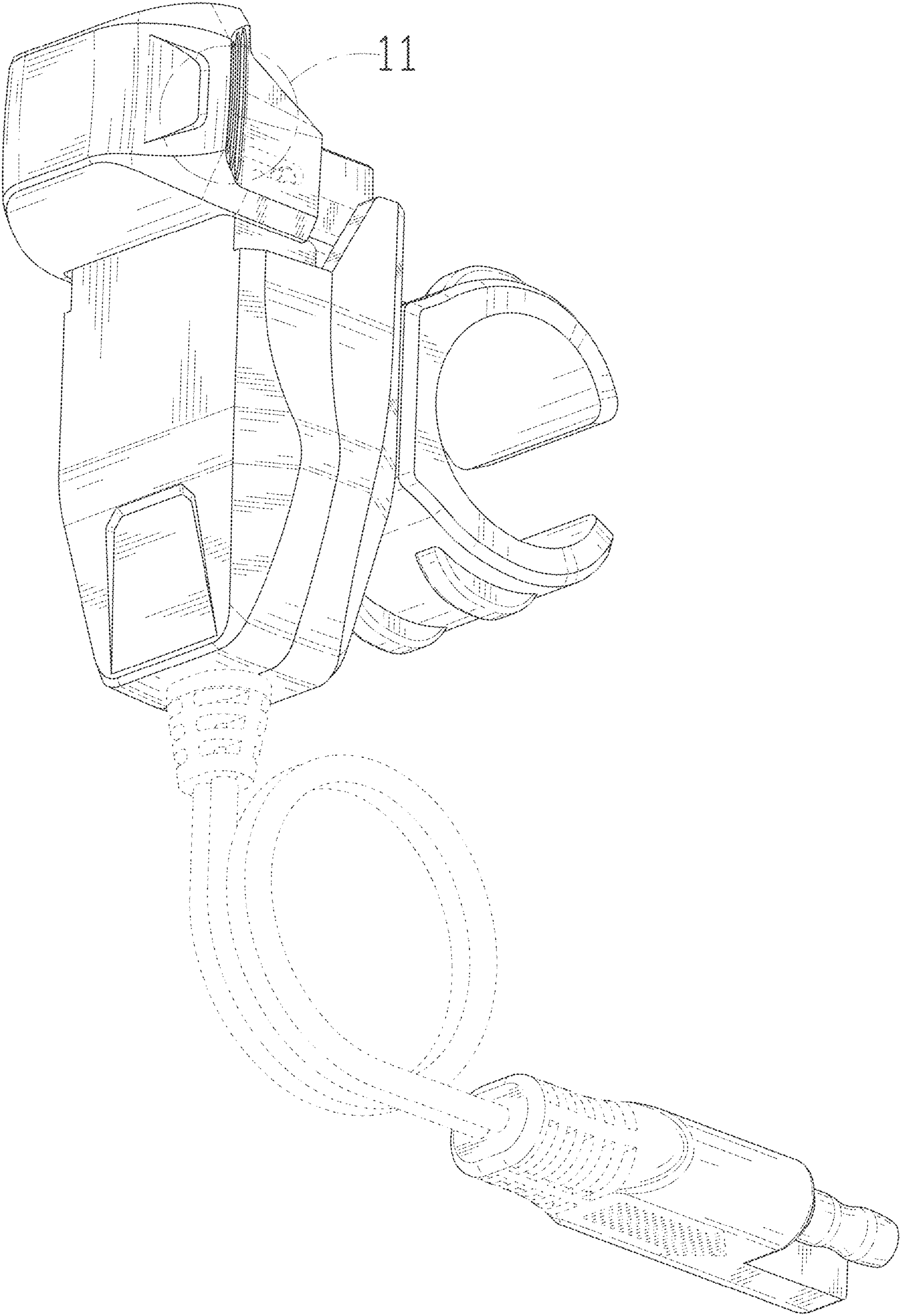


FIG. 2

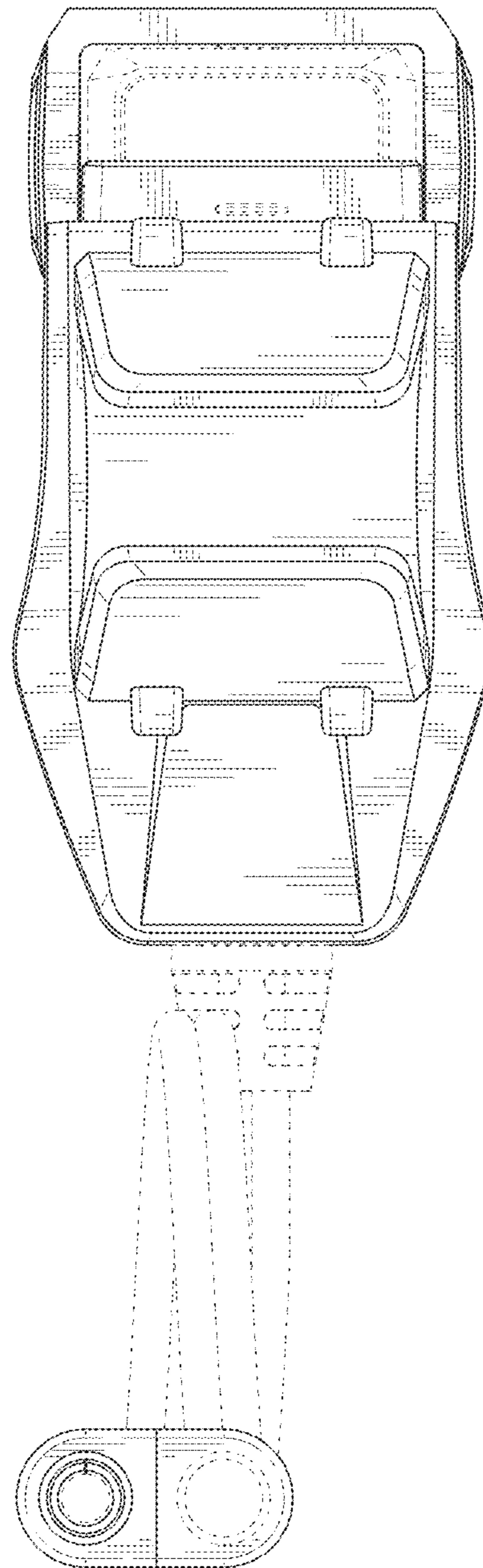


FIG. 3

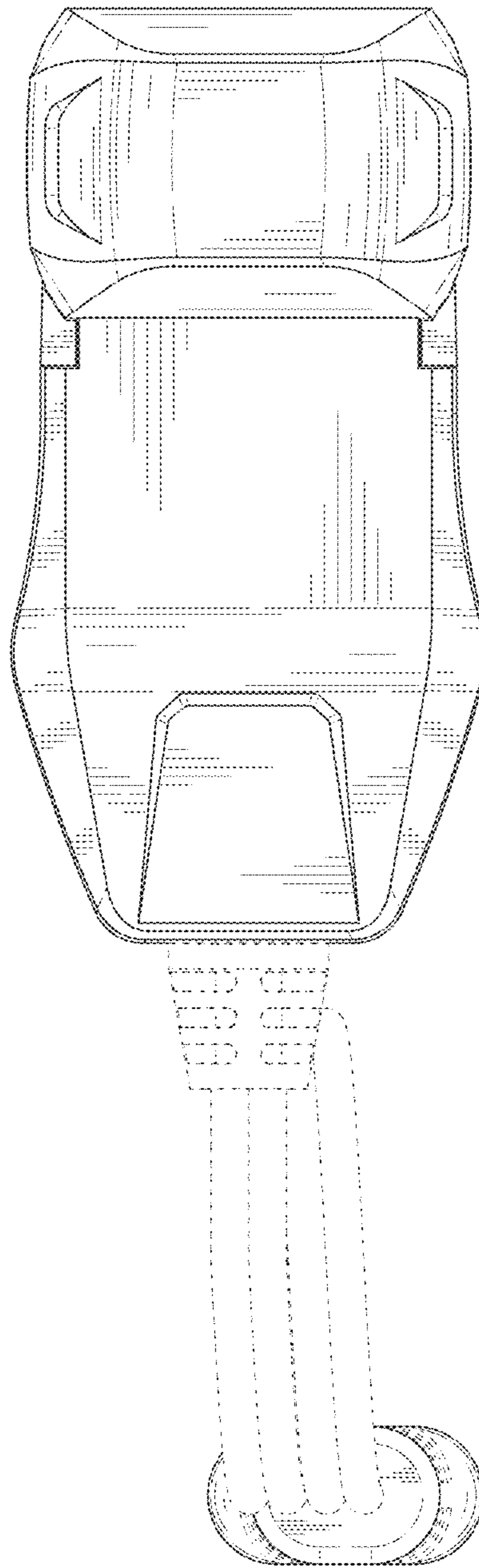


FIG. 4

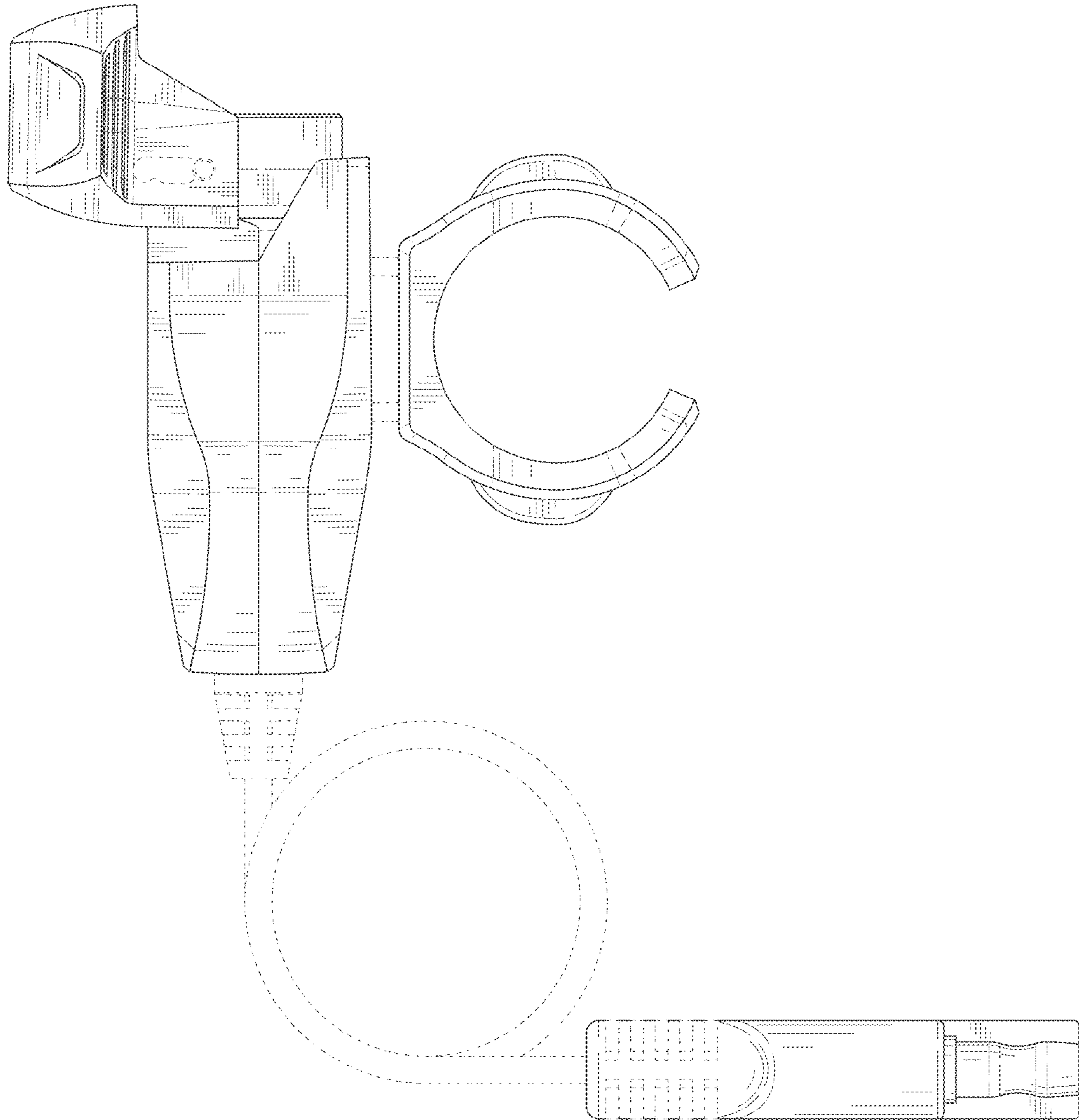


FIG. 5

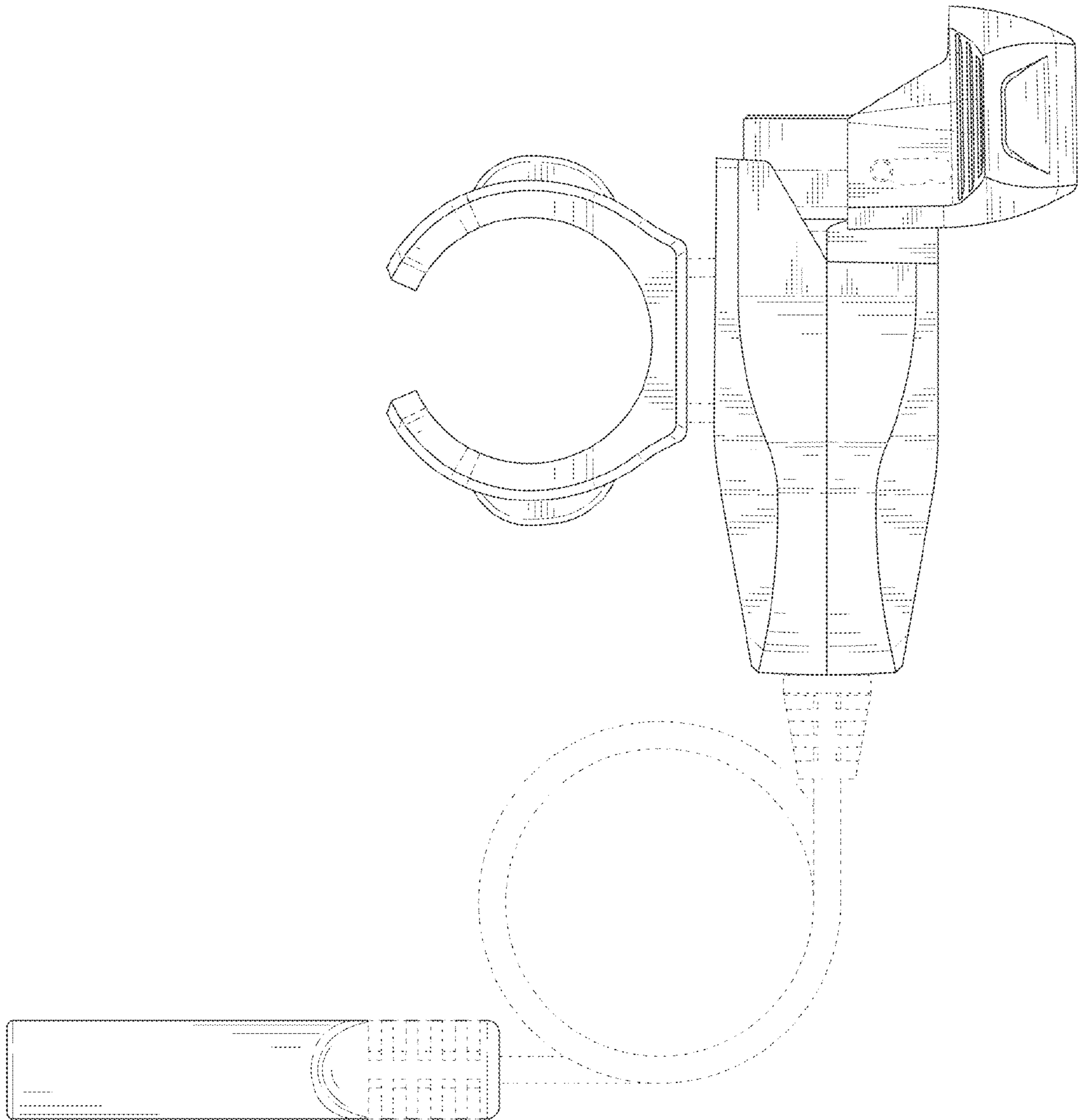


FIG. 6

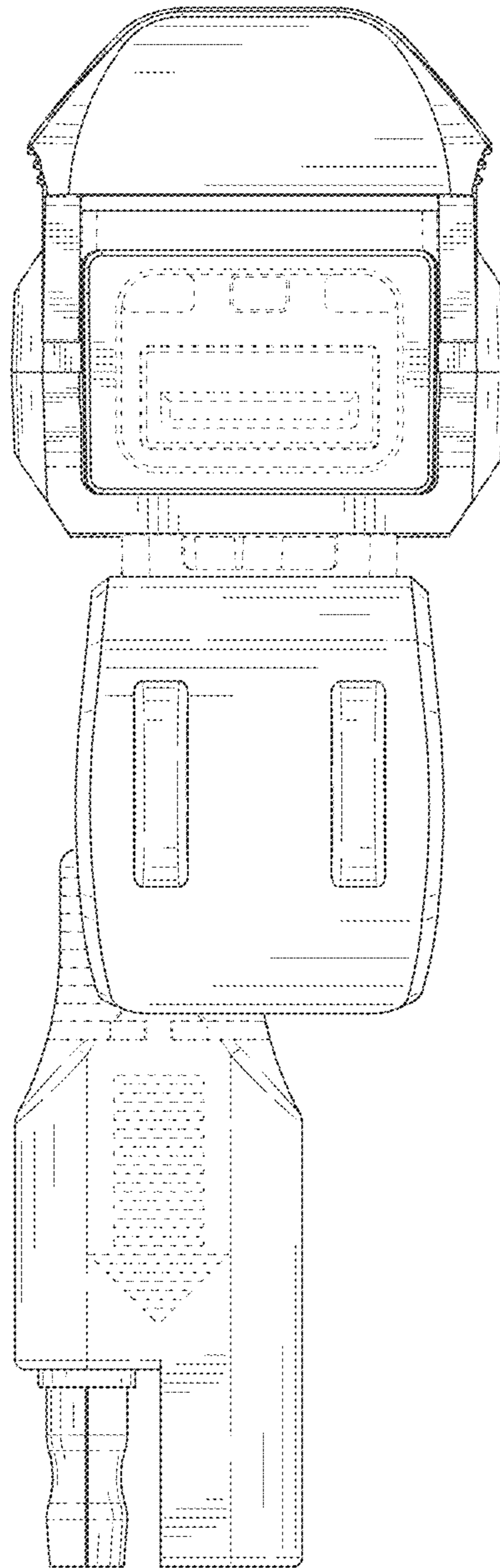


FIG. 7

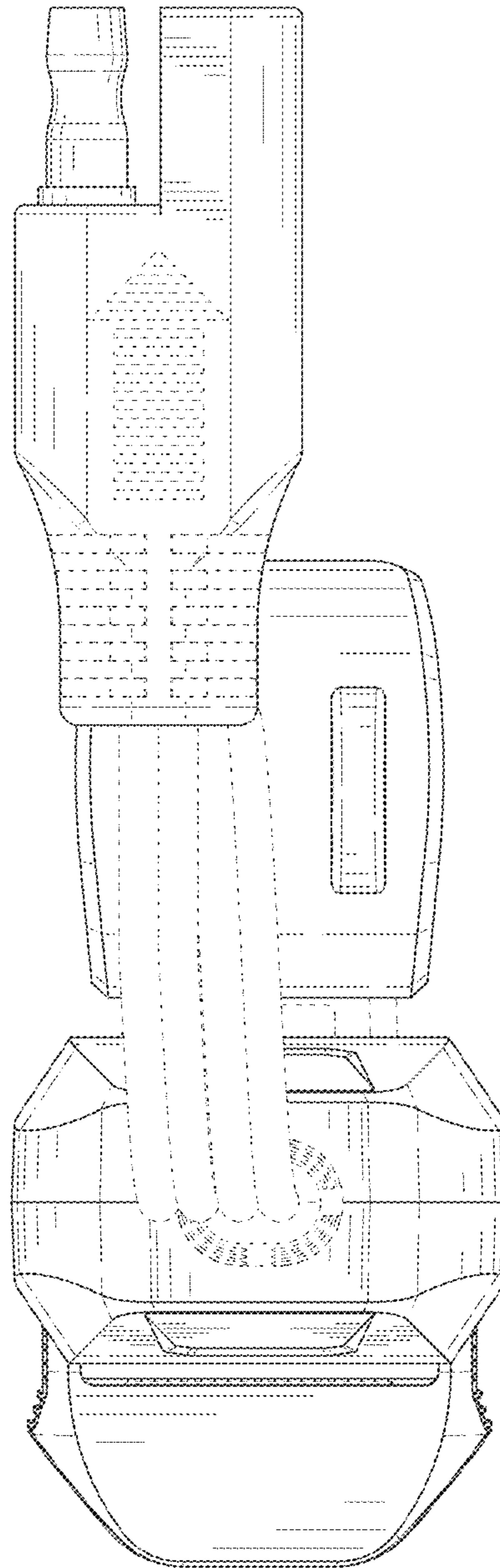


FIG. 8

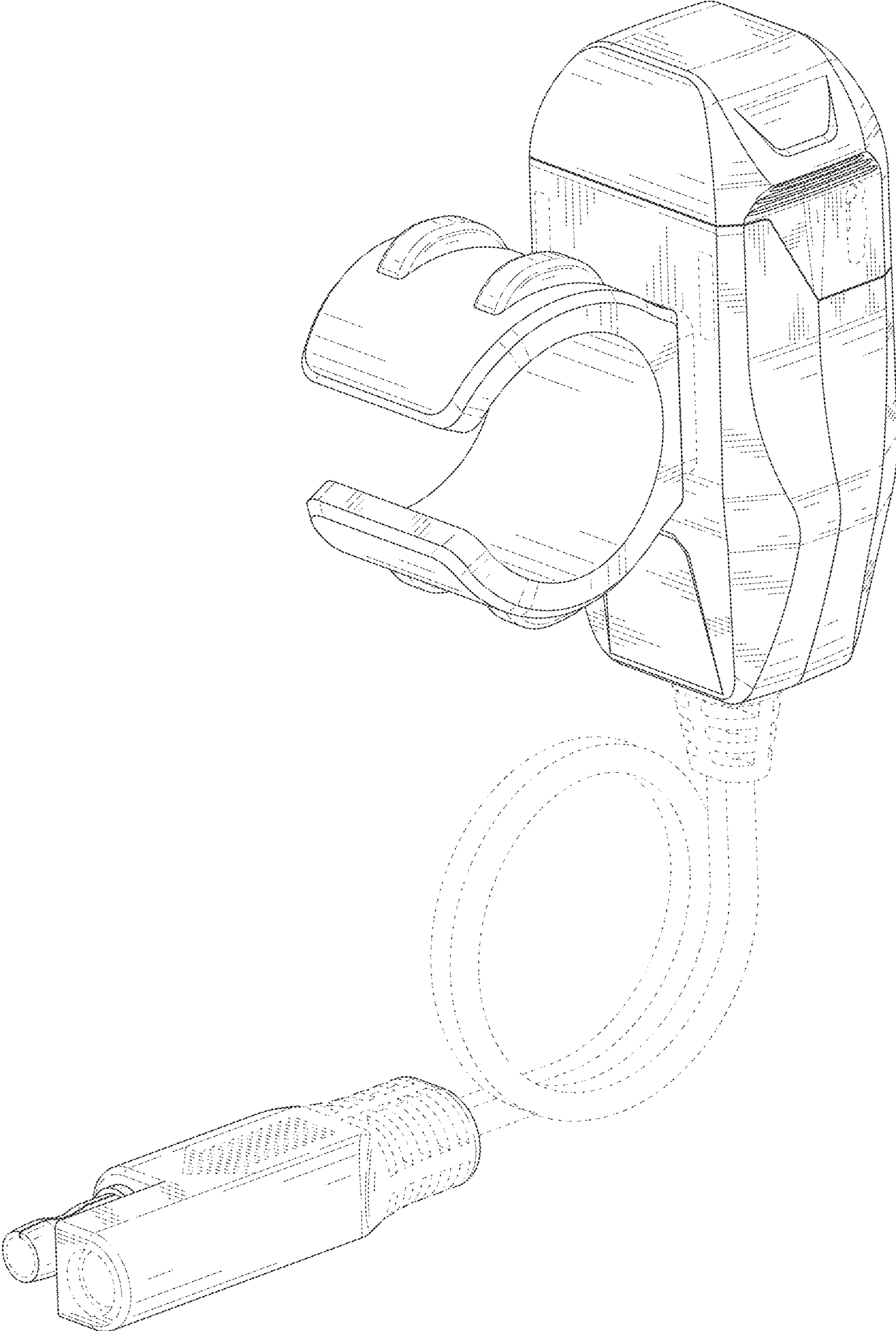


FIG. 9

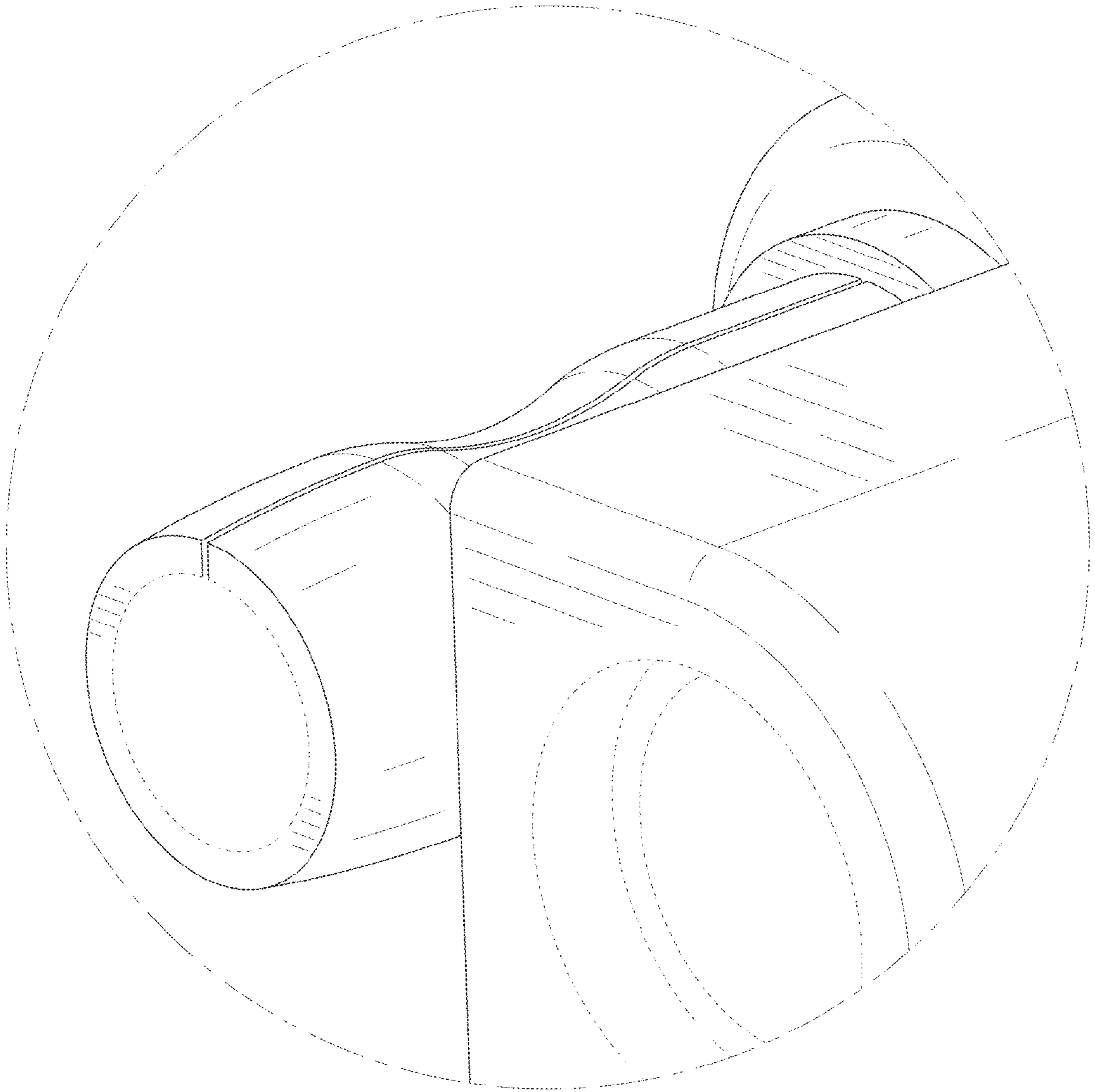


FIG. 10

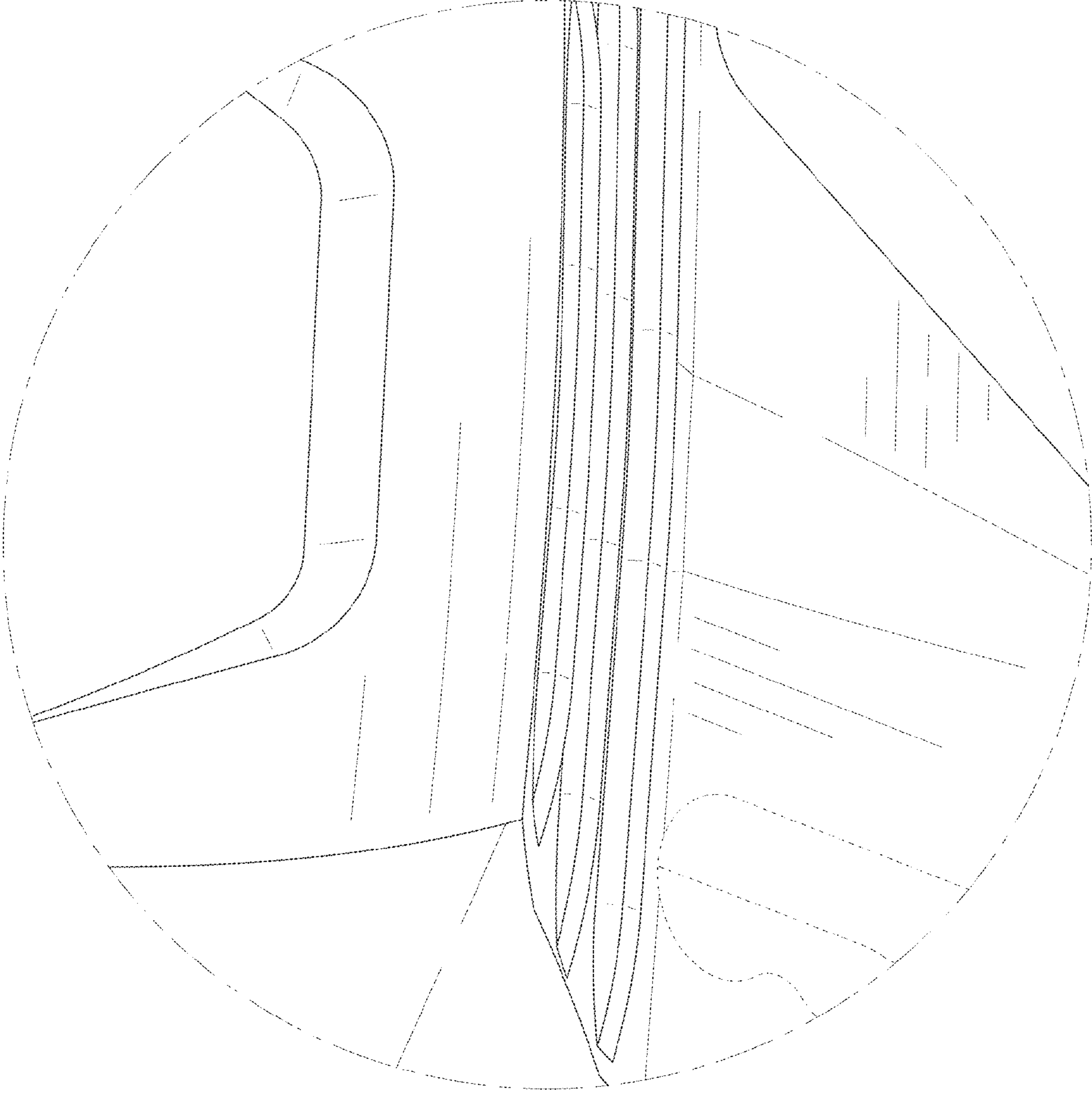


FIG. 11