



US00D963884S

(12) **United States Design Patent** (10) **Patent No.:** **US D963,884 S**
Kim (45) **Date of Patent:** **** Sep. 13, 2022**

(54) **HANDRAIL STERILIZER**
(71) Applicant: **CLEAR WIN KOREA CO., LTD.**,
Anyang-si (KR)
(72) Inventor: **Kyoung Youn Kim**, Seoul (KR)
(73) Assignee: **Clear Win Korea Co., Ltd.**, Anyangi-si
(KR)

2011/0182769 A1* 7/2011 Rich A61L 2/18
422/292
2016/0095948 A1* 4/2016 Bord A61L 2/22
422/300
2018/0099842 A1* 4/2018 Kim A61L 2/26
2020/0384141 A1* 12/2020 Kim A61L 2/10
2021/0276834 A1* 9/2021 Bong A61L 2/10
2021/0322614 A1* 10/2021 Bernstein A61L 2/26

(**) Term: **15 Years**
(21) Appl. No.: **29/750,566**
(22) Filed: **Sep. 15, 2020**

FOREIGN PATENT DOCUMENTS
EM 004662534-0001 * 2/2018
KR 3020150029234 * 8/2016

(30) **Foreign Application Priority Data**
May 29, 2020 (KR) 30-2020-0023902
(51) **LOC (13) Cl.** **24-01**
(52) **U.S. Cl.**
USPC **D24/217; D32/1**
(58) **Field of Classification Search**
USPC D24/107, 209, 210, 216, 217, 218, 231,
D24/232, 234; D32/1, 25; D23/208,
D23/367; D34/30, 35
CPC B66B 23/04; B66B 29/04; B66B 31/02;
B61L 2/18; B61L 2/26; B65G 45/22
See application file for complete search history.

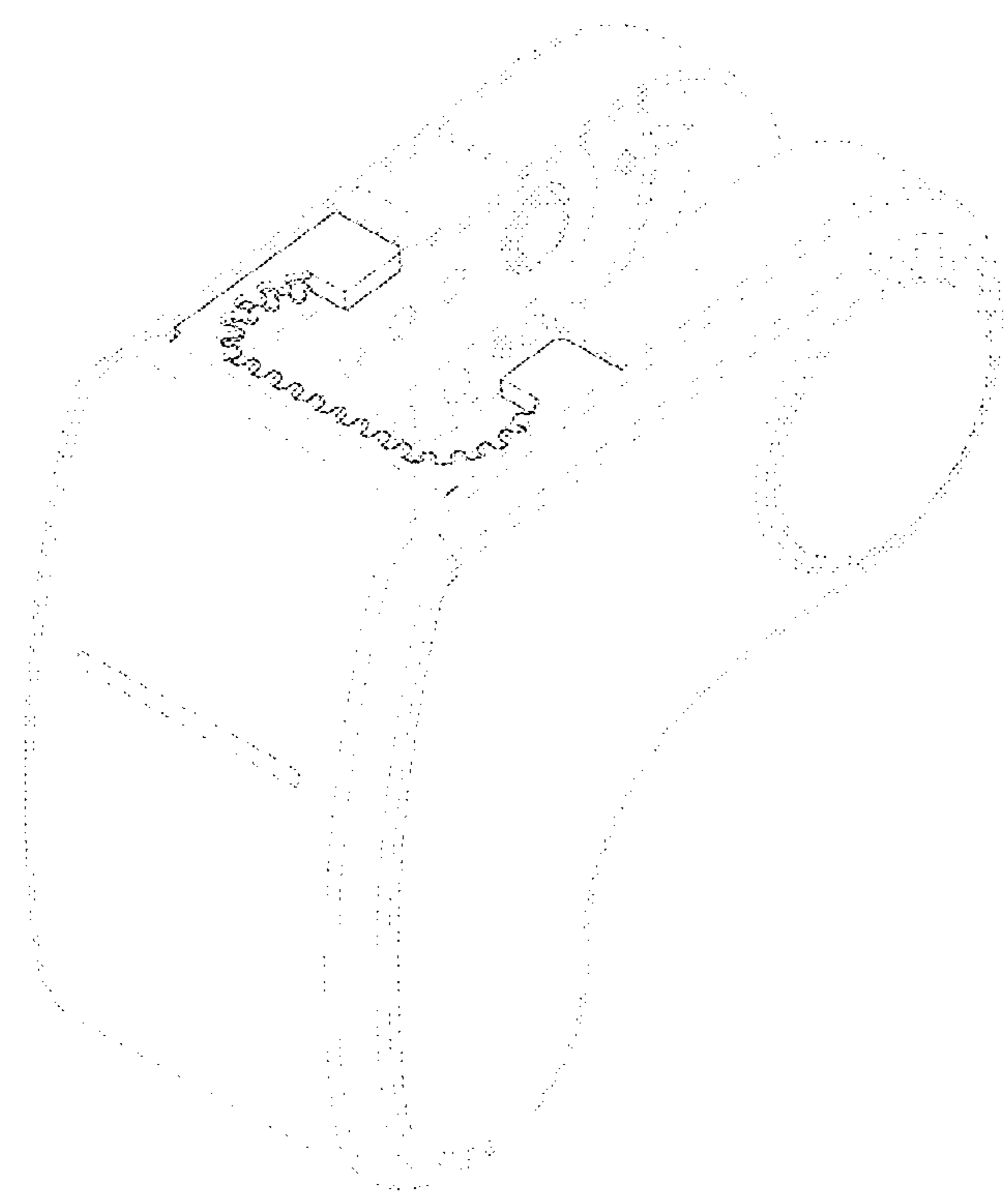
* cited by examiner
Primary Examiner — Anhdao Doan
(74) *Attorney, Agent, or Firm* — Finch & Maloney PLLC;
Jay S. Franklin; Michael J. Bujold

(56) **References Cited**
U.S. PATENT DOCUMENTS
D841,180 S * 2/2019 Latchman-Bloom D24/217
D869,811 S * 12/2019 Jeong D34/35

(57) **CLAIM**
The ornamental design for a handrail sterilizer, as shown and described.

DESCRIPTION
FIG. 1 is a perspective view of a handrail sterilizer embodying my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.
The broken lines illustrate portions of the handrail sterilizer that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



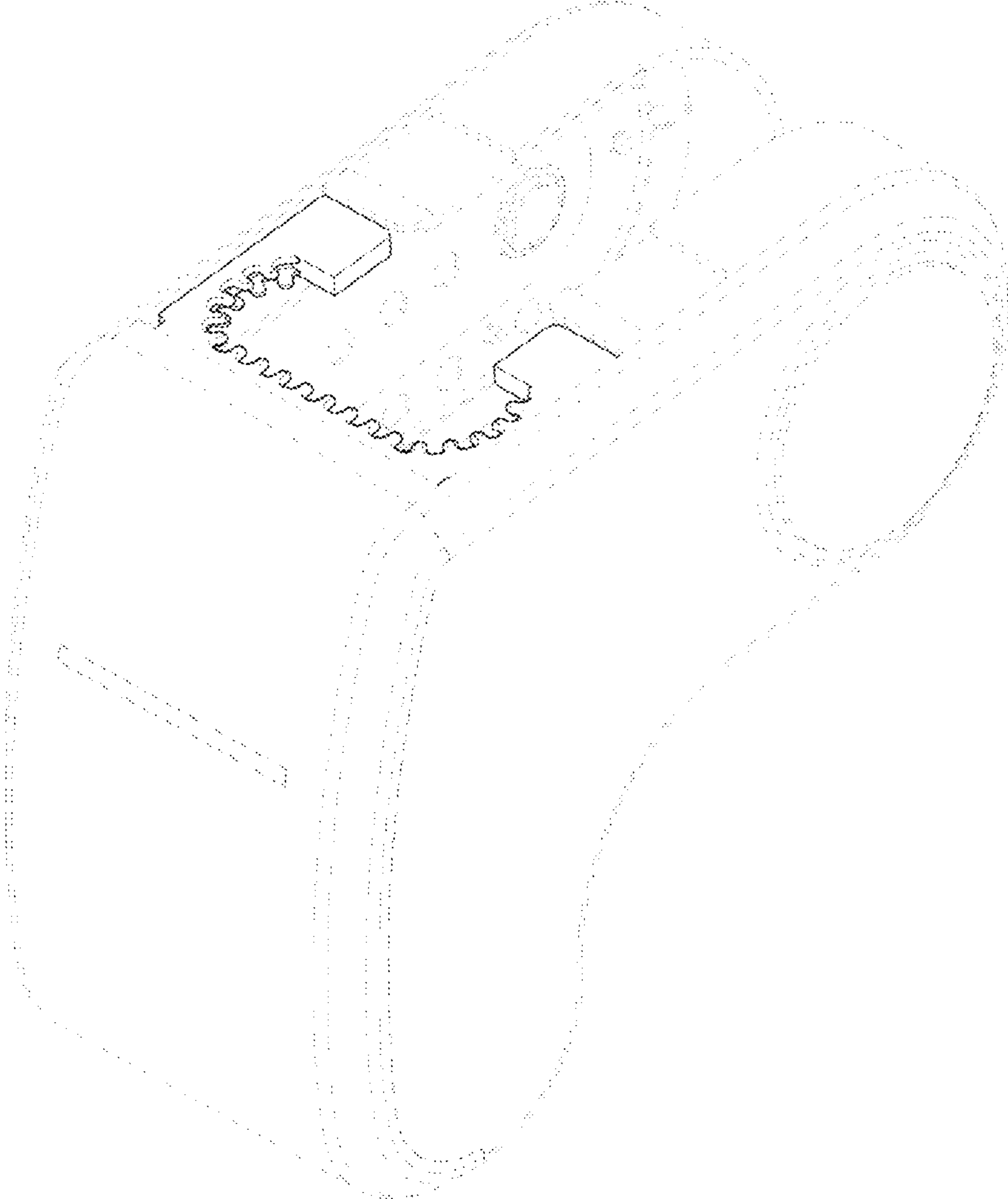


Fig. 1

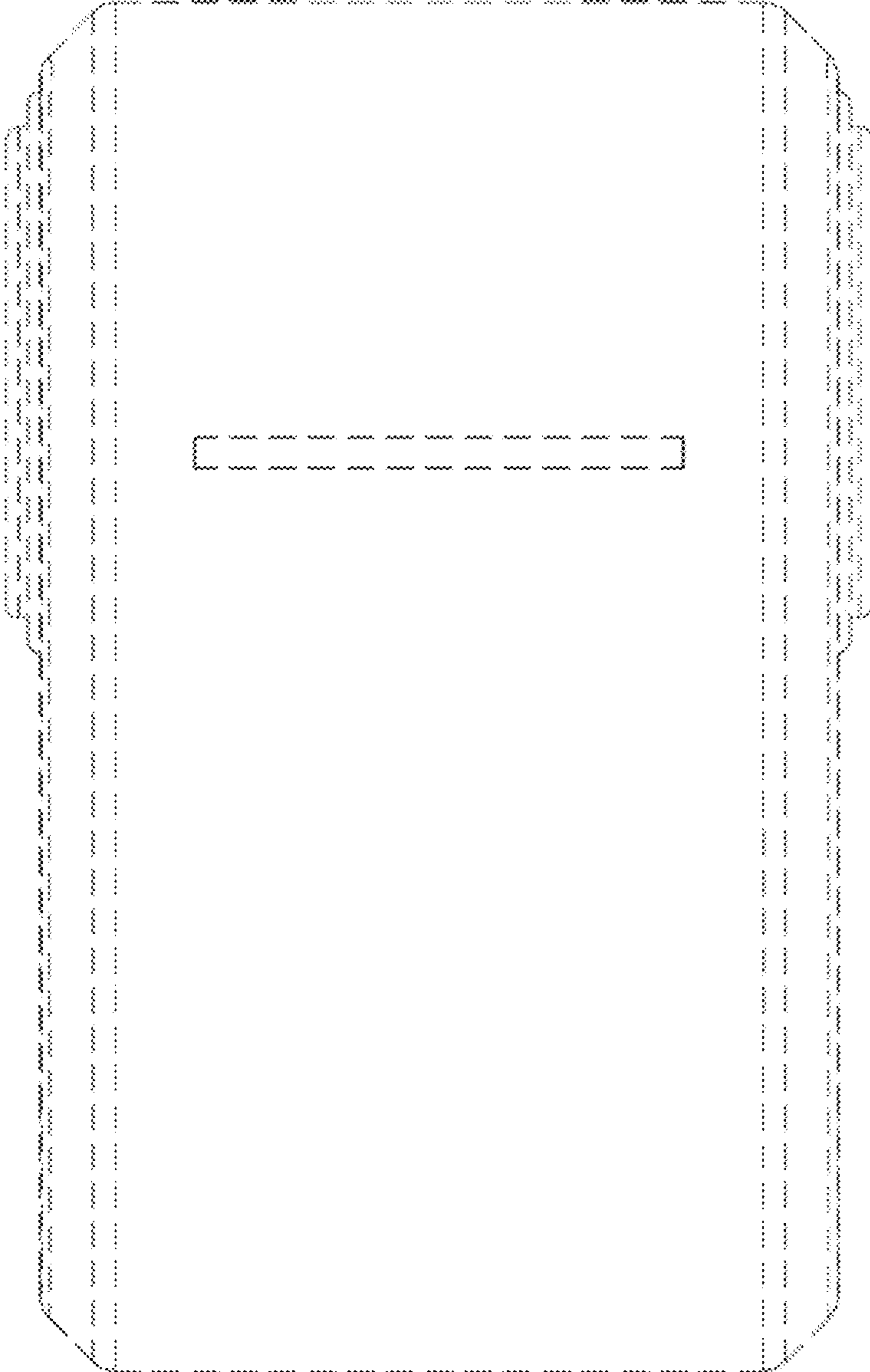


Fig. 2

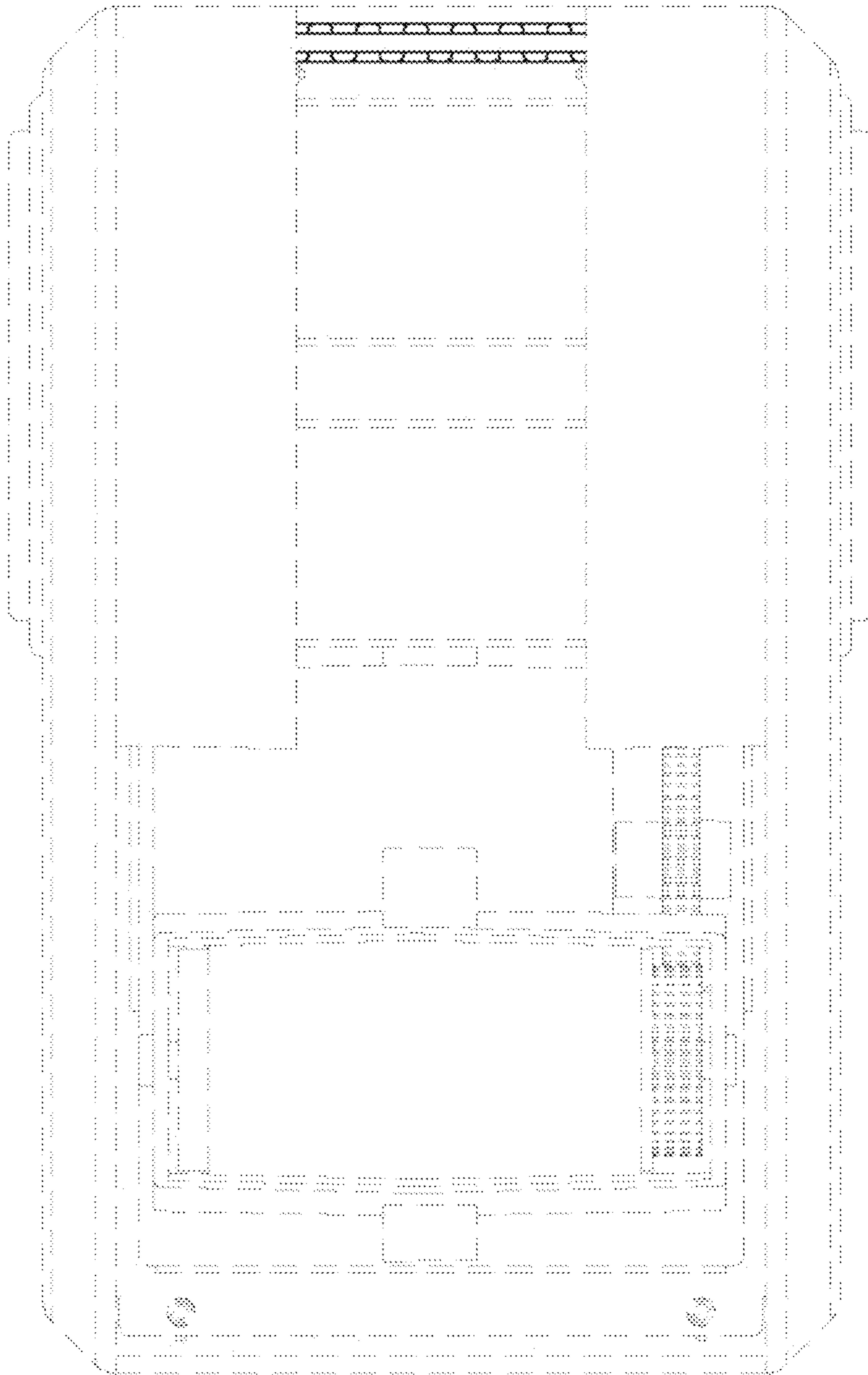


Fig. 3

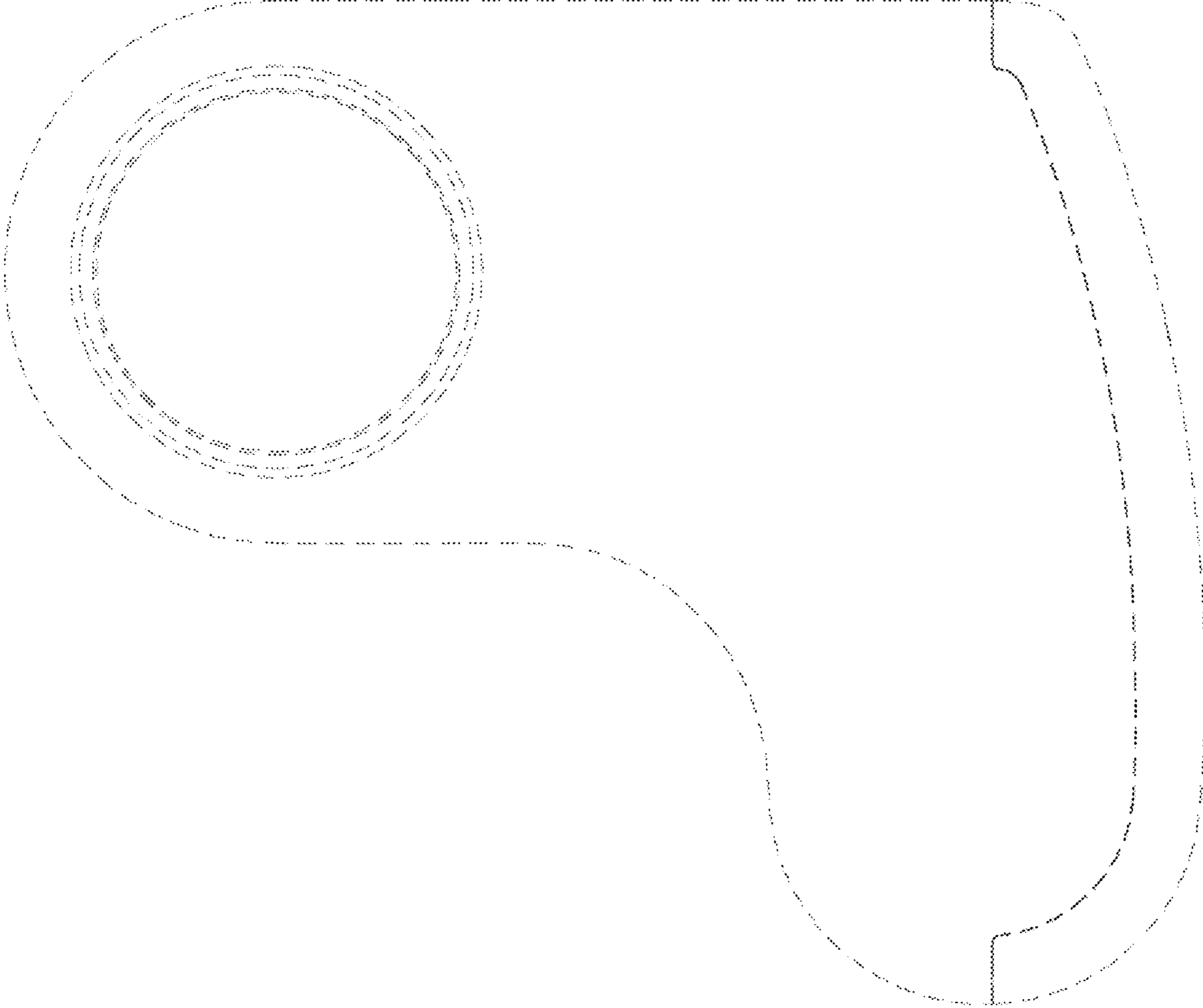


Fig. 4

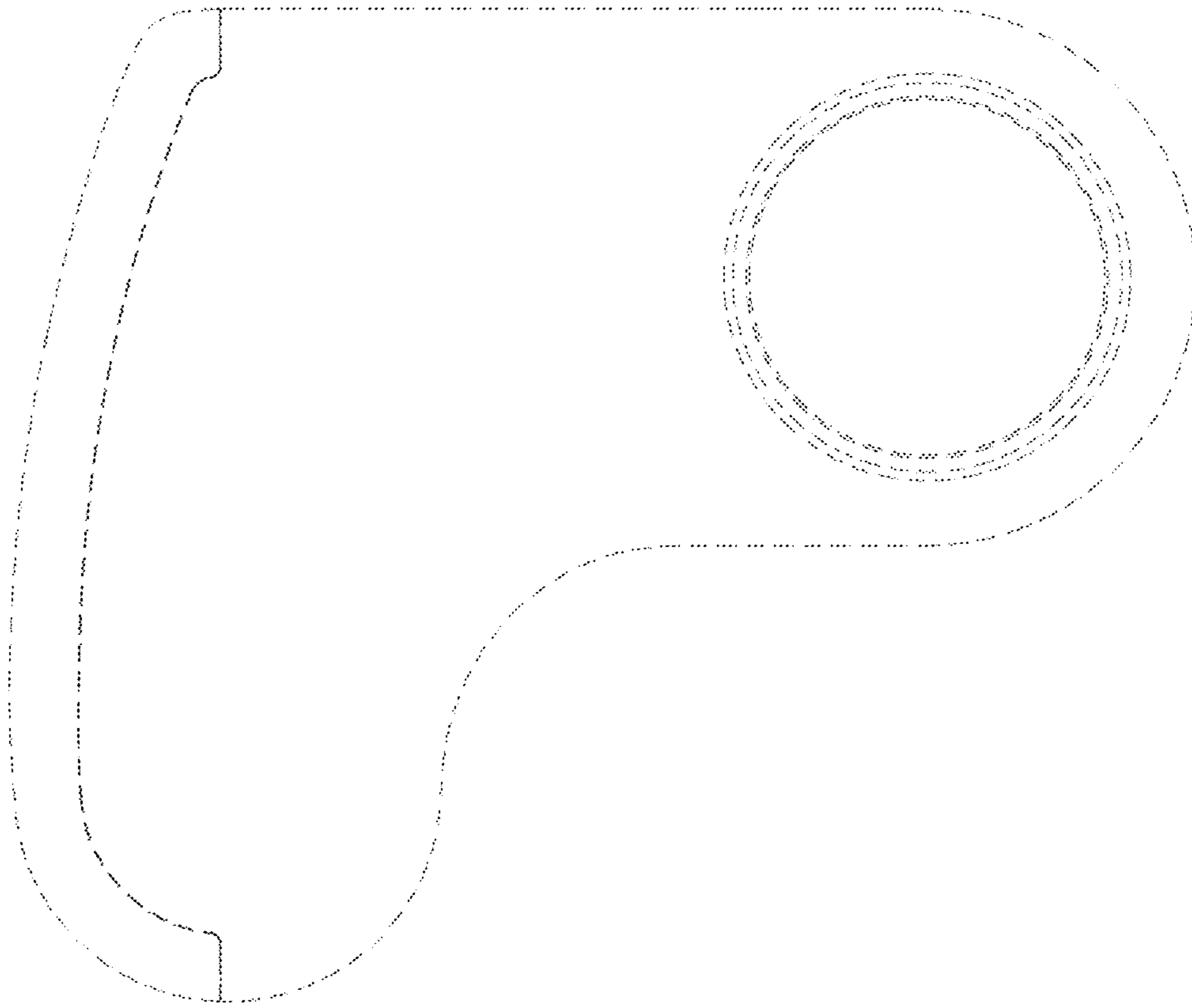


Fig. 5

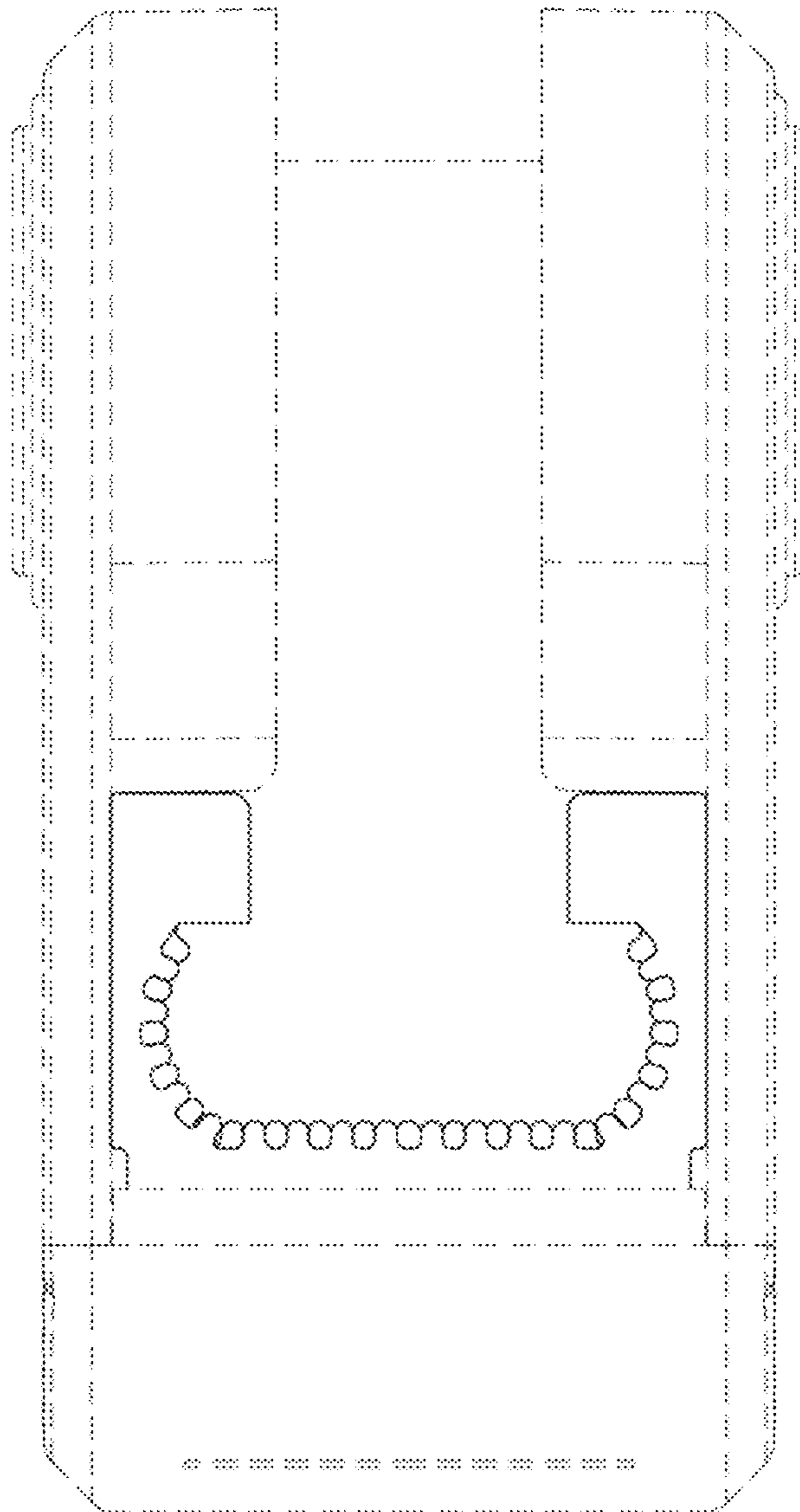


Fig. 6

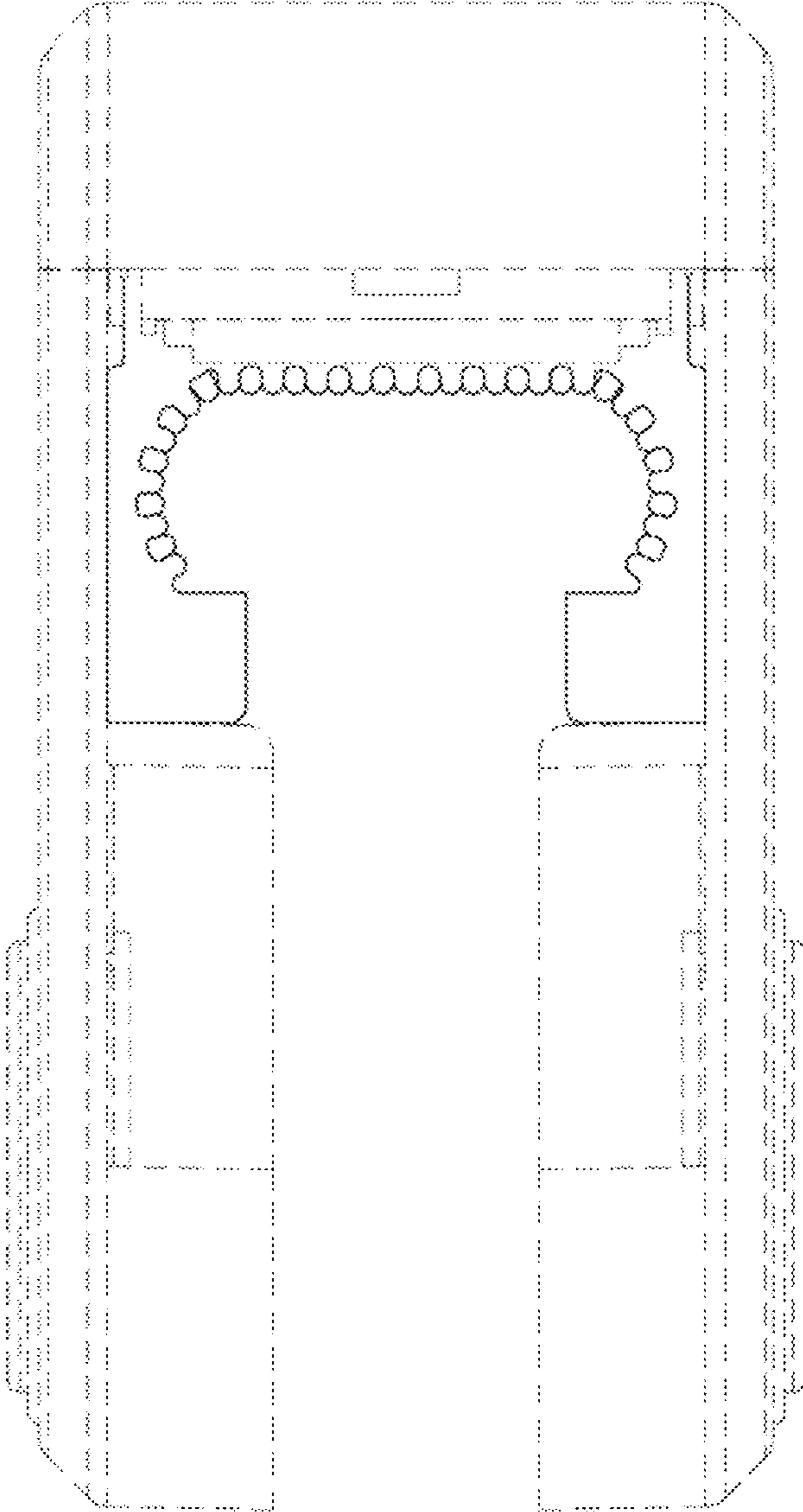


Fig. 7