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

(10) **Patent No.:** **US D966,515 S**  
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(54) **LASER LANCING DEVICE**

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KR 301054688.0000 \* 3/2019

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

(Continued)

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*Primary Examiner* — Samantha Q Lawrence

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*Assistant Examiner* — Holly M Rodriguez

(30) **Foreign Application Priority Data**

(74) *Attorney, Agent, or Firm* — Hamre, Schumann, Mueller & Larson, P.C.

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(51) **LOC (13) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/146**

(58) **Field of Classification Search**

USPC ..... D28/56, 57, 59, 62, 44, 7, 9; D8/107, D8/14, 98-100, 300, 17, 20, 47, 98-99; D10/126; D23/223; D24/108, 112-115, D24/117-122, 127, 133, 146-149, 151, D24/172-176, 214, 231; D7/649, 669  
CPC ..... A61B 10/0266; A61B 17/3205; A61B 17/32053; A61B 2010/0208; A61B 2017/0076; A61B 2090/034; A61B 2090/0811; A61B 2017/00367; A61B 17/06; A61B 17/20; A61B 17/062; A61B 17/00; A61B 17/3211; A61B 2017/00761; A61B 2017/32113; A61B 2018/1422; A61B 5/6833; A61B 17/34; A61B 17/32; A61B 17/16; A61B 2018/00607; A61B 2018/00601; A61B 17/14; A61B 10/0275;

(Continued)

(57) **CLAIM**

The ornamental design for a laser lancing device, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a laser lancing device showing our new design, FIG. 2 is a front view thereof; FIG. 3 is a rear view thereof; FIG. 4 is a left side view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a bottom view thereof; and FIG. 8 is a perspective view thereof shown with additional environment; and, FIG. 9 is an enlarged view of an end of the laser lancing device of FIG. 1.

The broken line representations in the figures show unclaimed environment, and thus form no part of the claimed design.

The broken line areas show portions of the laser lancing device that form no part of the claimed design.

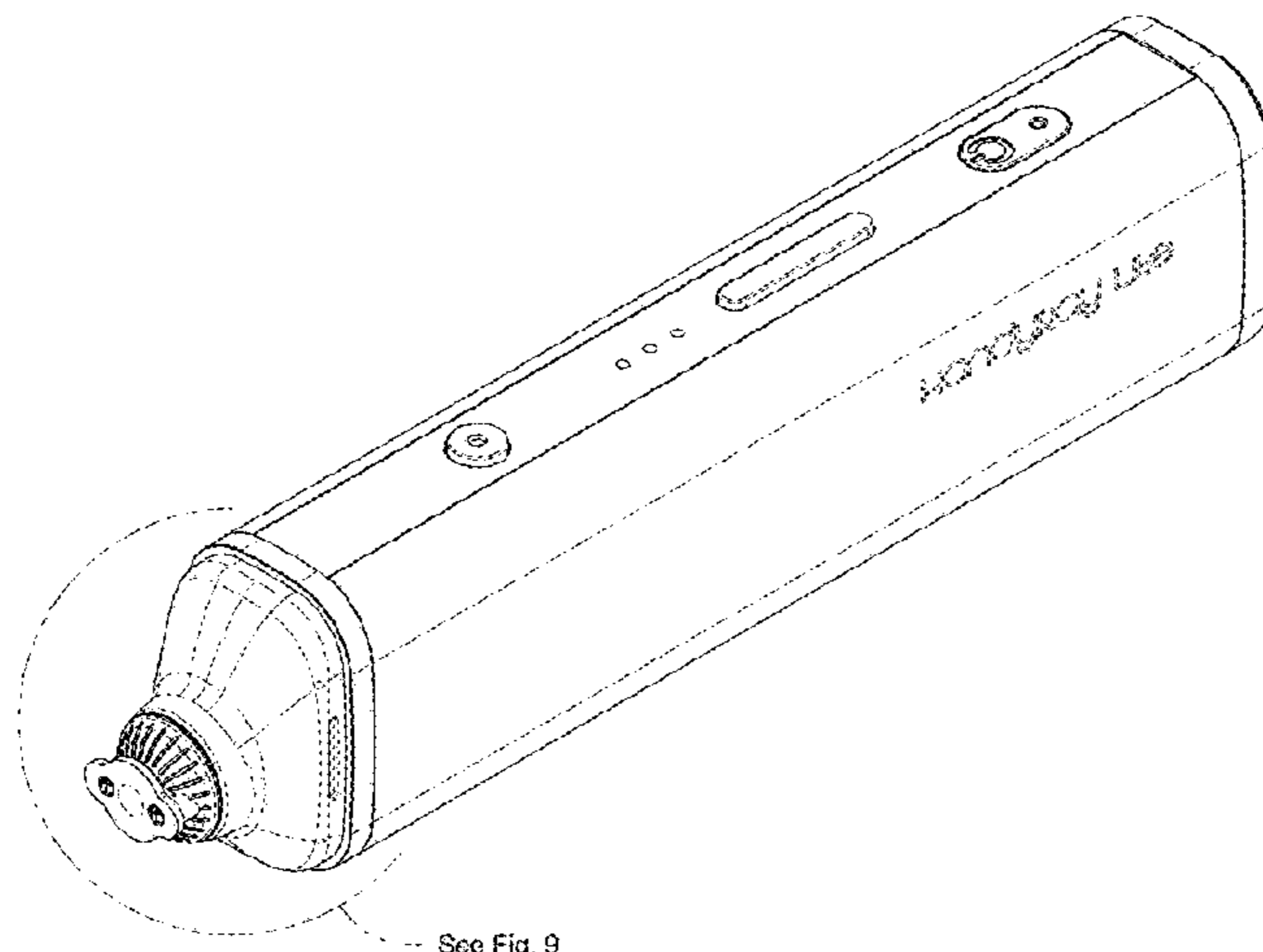
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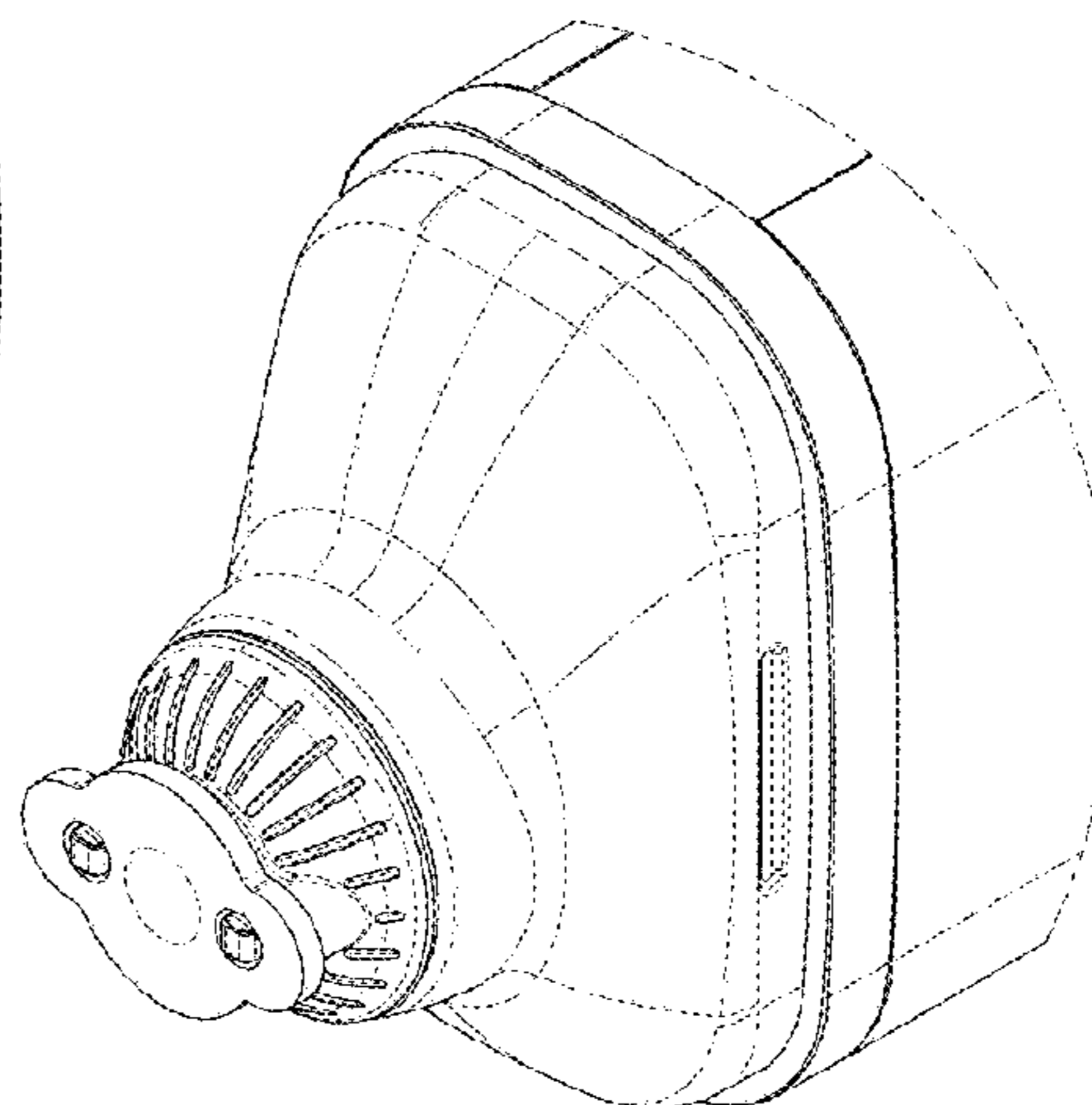
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**1 Claim, 6 Drawing Sheets**



See Fig. 9



(58) **Field of Classification Search**

CPC ..... A61B 2217/005; A61B 5/150213; A61B 5/150351; A61B 5/150352; A61B 90/11; A61M 37/00; A61M 16/0472; A61M 3/00; A61M 1/0039; A61M 1/0064; A61M 5/20; A61M 5/31; A61M 5/178; A61M 5/3129; A61M 5/3146; A61M 5/3148; A61M 5/3287; A61H 15/00; B26B 5/00; A61F 5/0106; A61F 5/0123

See application file for complete search history.

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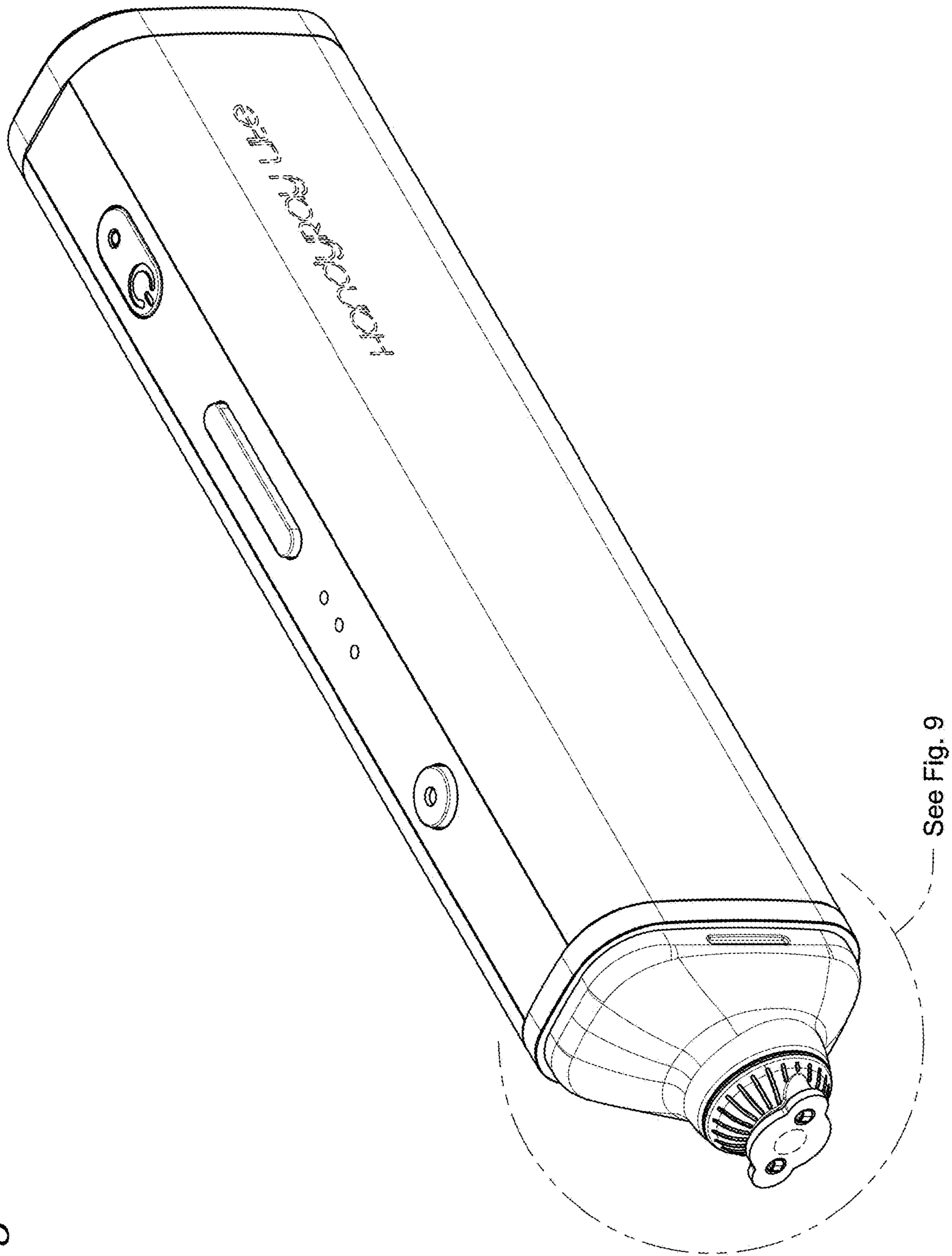
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*Fig. 1*



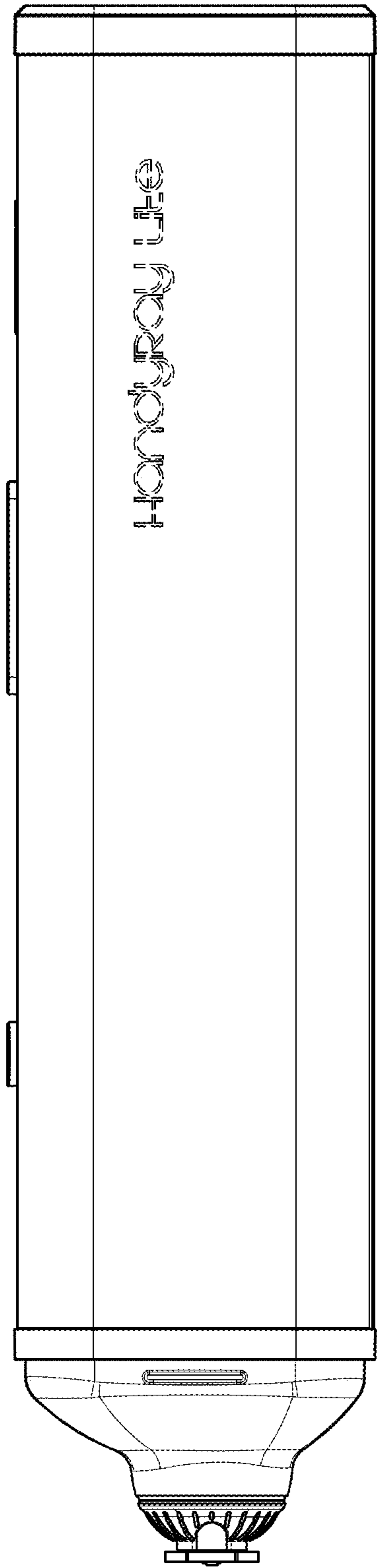


Fig. 2

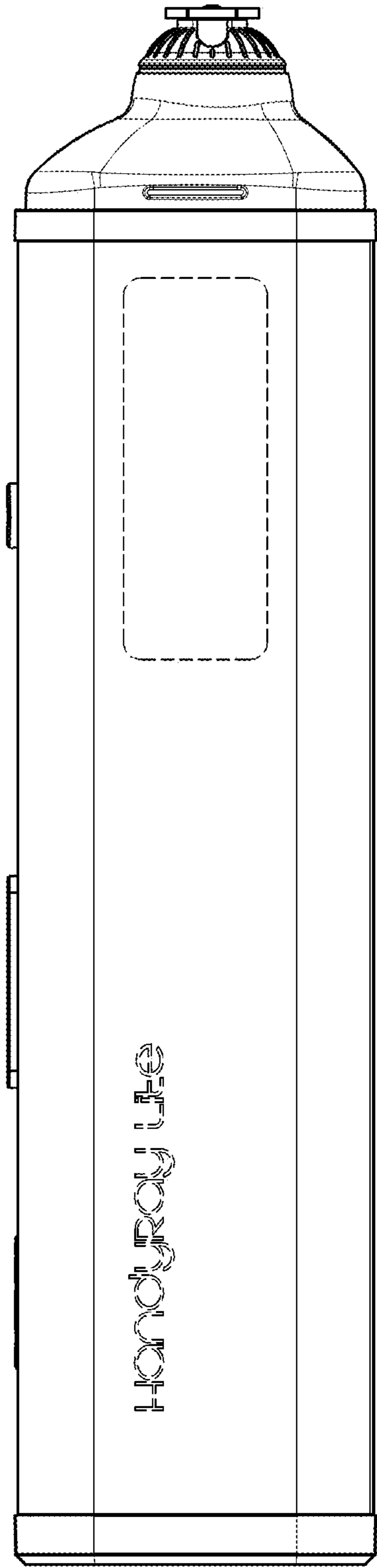
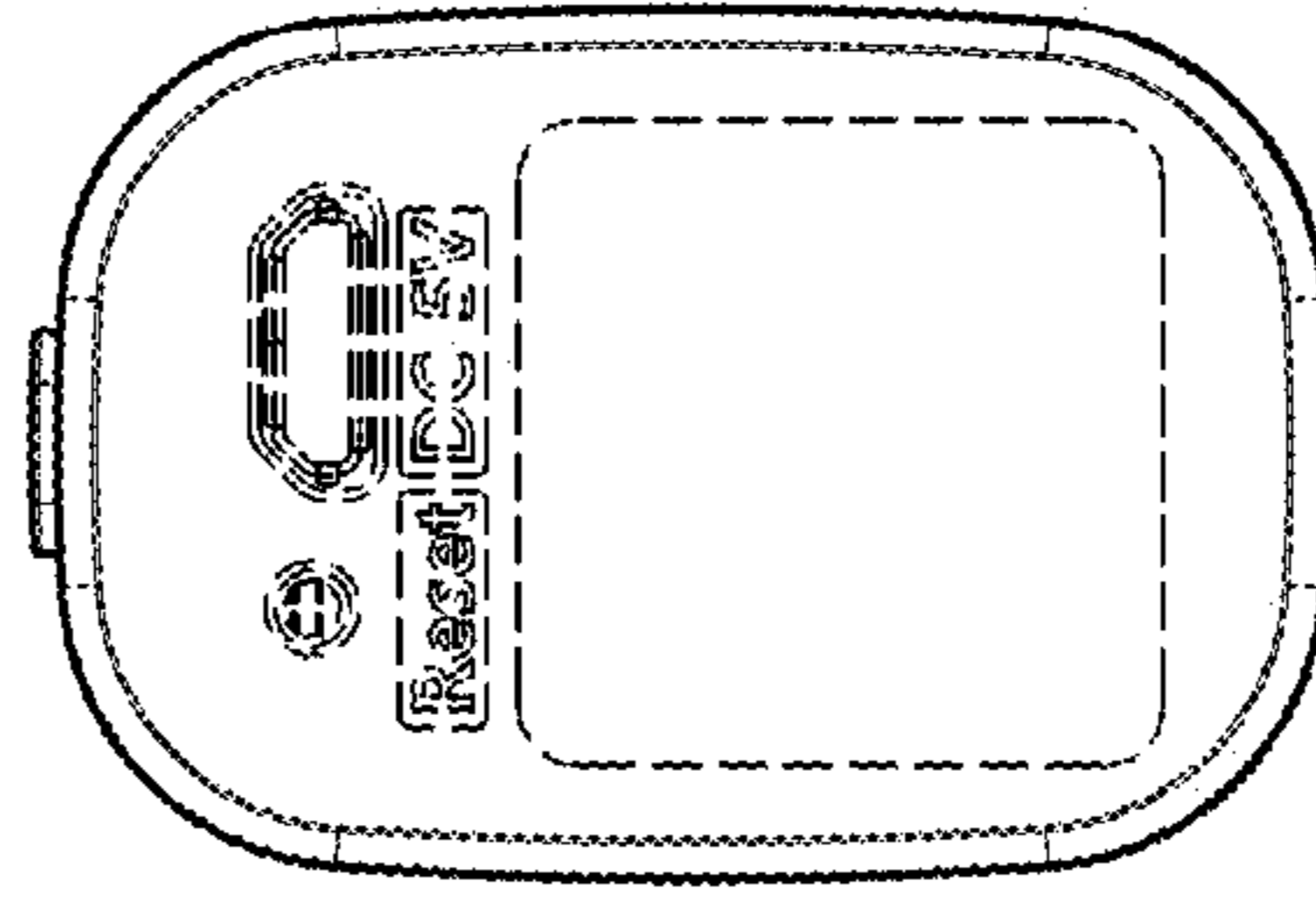
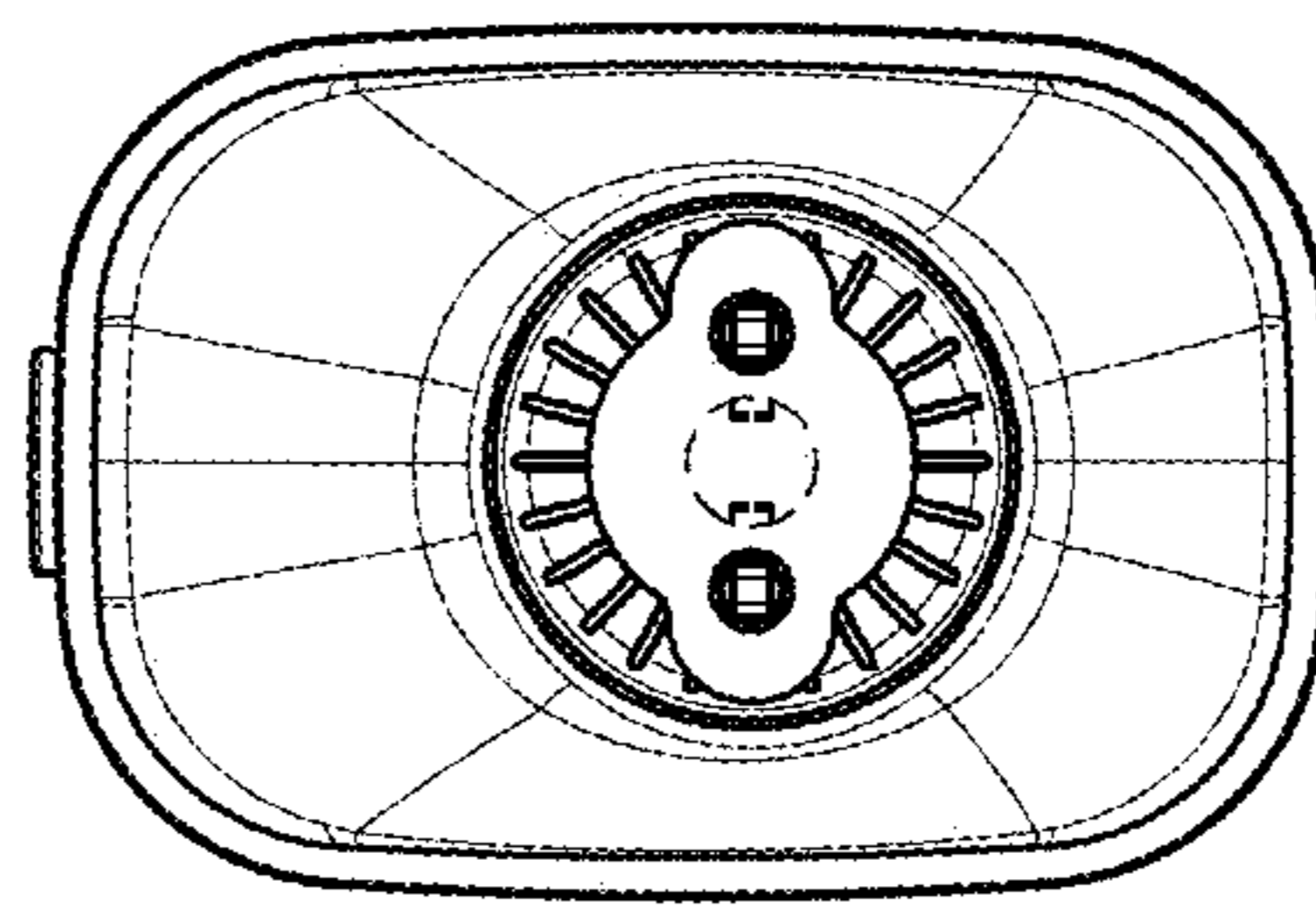


Fig. 3

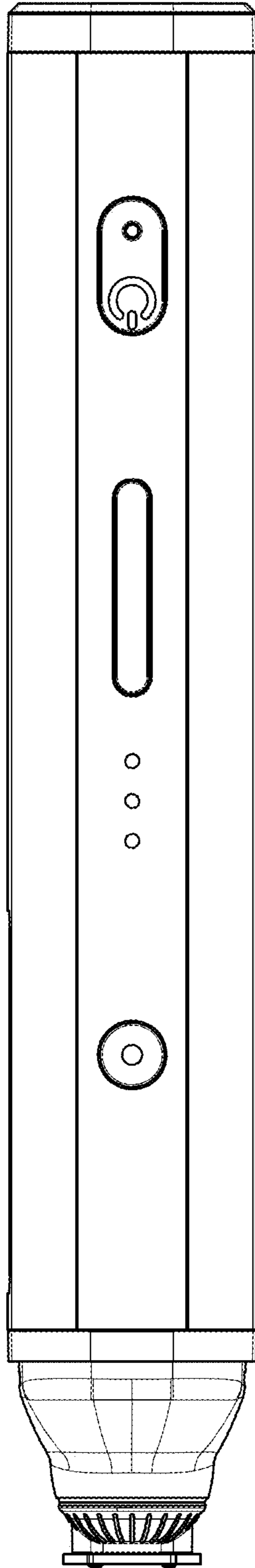
*Fig. 5*



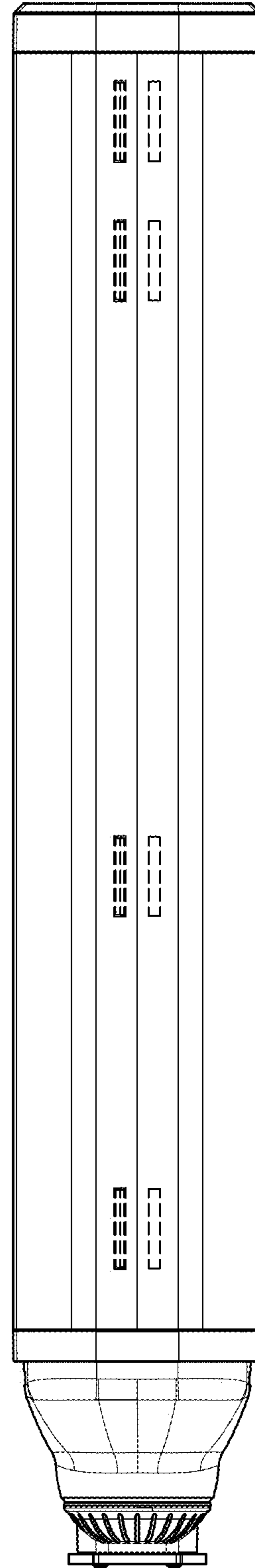
*Fig. 4*



*Fig. 6*



*Fig. 7*



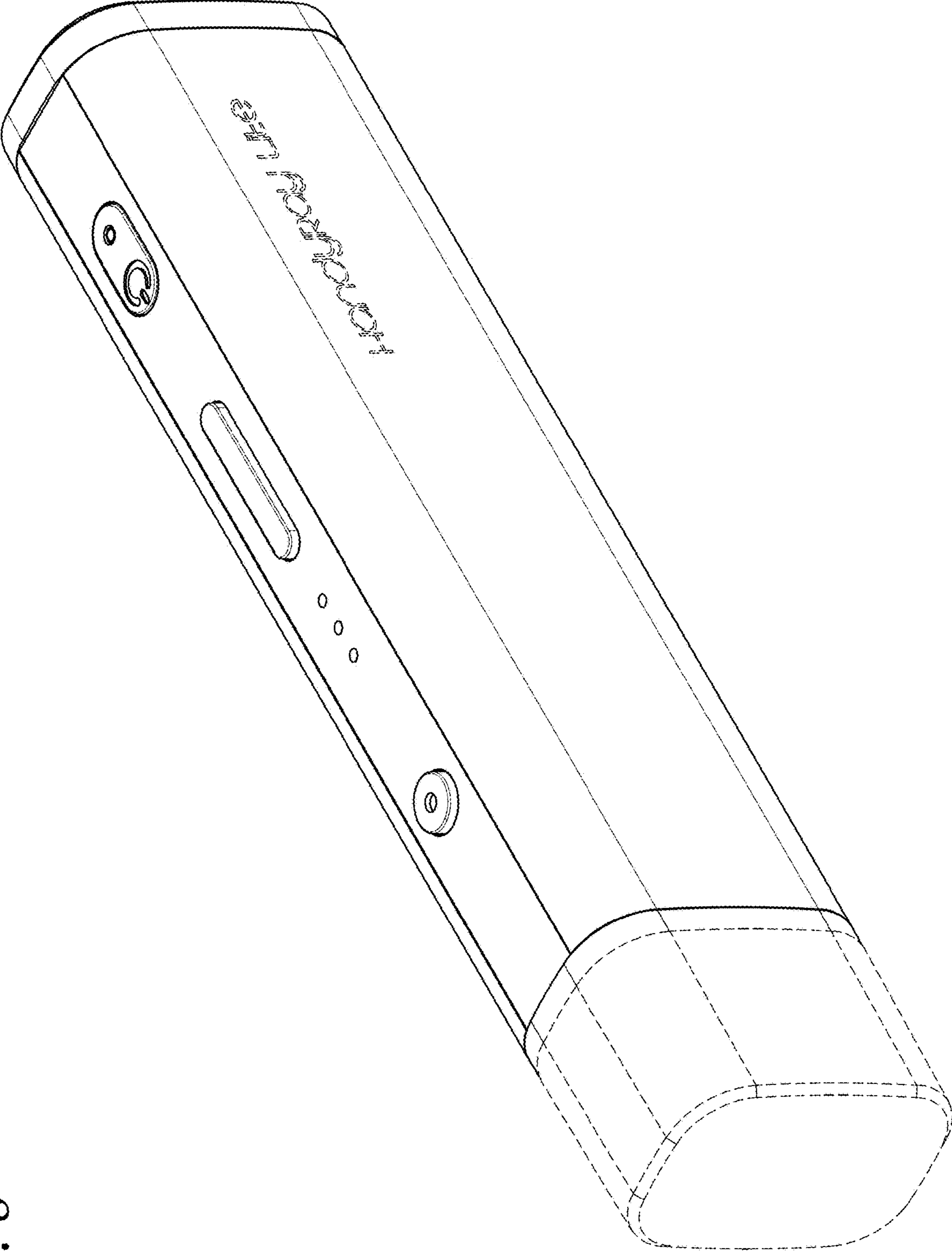


Fig. 8

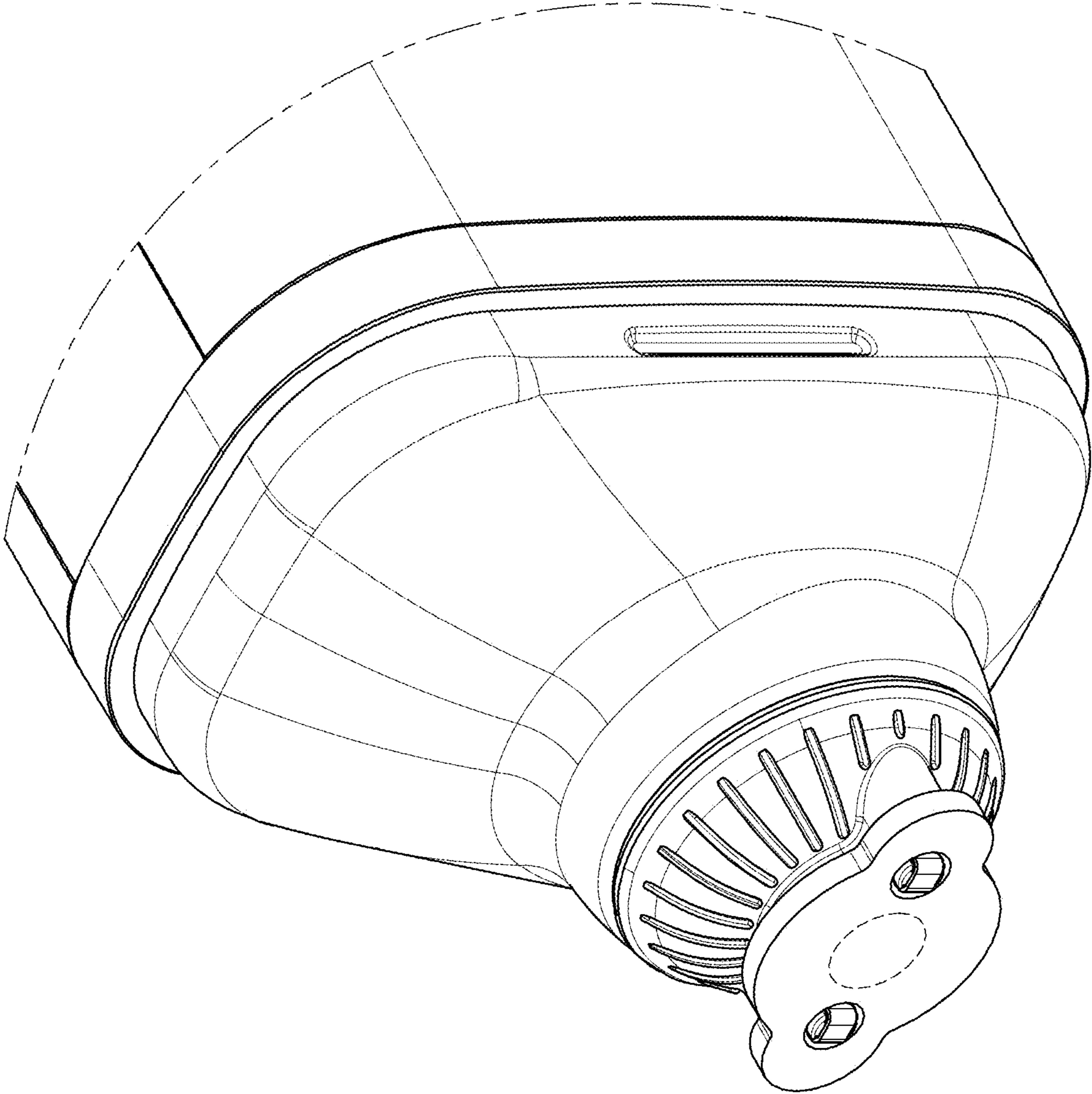


Fig. 9