



US00D953542S

(12) **United States Design Patent** (10) **Patent No.:** **US D953,542 S**  
**Seki** (45) **Date of Patent:** **\*\* May 31, 2022**

(54) **BIOSIGNAL DETECTOR**  
(71) Applicant: **MELTIN MMI CO., LTD.**, Tokyo (JP)  
(72) Inventor: **Tatsuya Seki**, Tokyo (JP)  
(73) Assignee: **MELTIN MMI CO., LTD.**, Tokyo (JP)  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/774,082**  
(22) Filed: **Mar. 14, 2021**

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(Continued)

(30) **Foreign Application Priority Data**

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Jan. 16, 2017 (JP) ..... 2017-000577  
Jan. 16, 2017 (JP) ..... 2017-000578  
Jan. 16, 2017 (JP) ..... 2017-000579  
Jan. 16, 2017 (JP) ..... 2017-000580  
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(Continued)

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

(52) **U.S. Cl.**  
USPC ..... **D24/186**

(58) **Field of Classification Search**  
USPC ..... D24/186, 187, 200

(Continued)

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*Primary Examiner* — Eliza Z Harvey  
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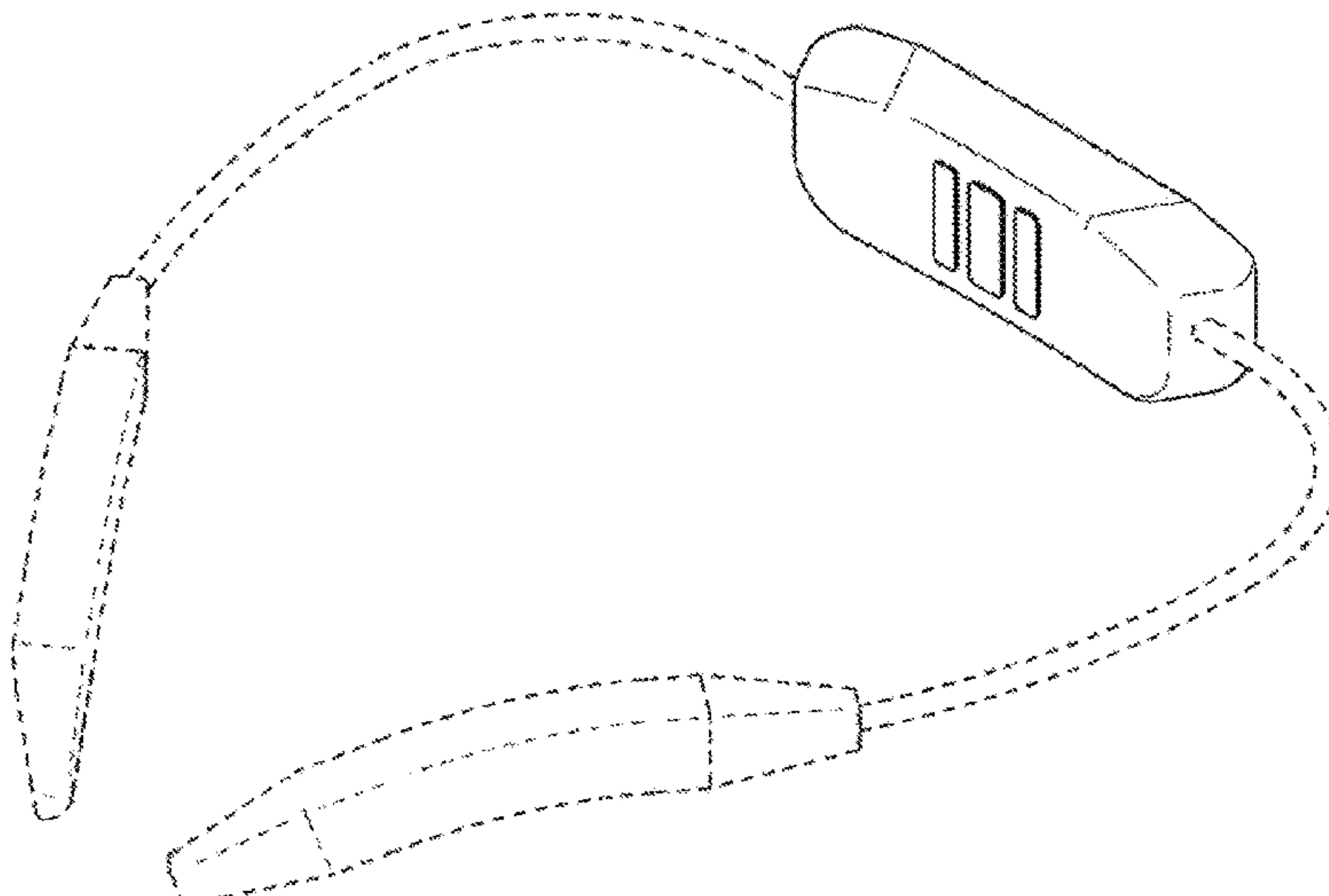
(57) **CLAIM**

The ornamental design for a biosignal detector, as shown and described.

**DESCRIPTION**

FIG. 1: Perspective  
FIG. 2: Perspective  
FIG. 3: Front  
FIG. 4: Back  
FIG. 5: Right  
FIG. 6: Left  
FIG. 7: Top  
FIG. 8: Bottom  
FIG. 9: Partial enlarged view of FIG. 1  
FIG. 10: Reference view—electrodes  
FIG. 11: Reference view of state in use  
FIG. 12: Perspective  
FIG. 13: Perspective  
FIG. 14: Front  
FIG. 15: Back  
FIG. 16: Right  
FIG. 17: Left  
FIG. 18: Top  
FIG. 19: Bottom  
FIG. 20: Partial enlarged view of FIG. 12  
FIG. 21: Reference view—electrodes; and,  
FIG. 22: Reference view of state in use.  
The solid lines form part of the claimed designs; the broken lines are for illustrative purposes only and form no part of the claimed designs.

**1 Claim, 22 Drawing Sheets**



**Related U.S. Application Data**

division of application No. 35/504,324, filed on Jul. 14, 2017 (U.S. filing date under 35 U.S.C. 384), and having an international filing date of Jul. 14, 2017, now Pat. No. Des. 853,569.

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(30) **Foreign Application Priority Data**

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Jan. 16, 2017	(JP)	.....	2017-000587

(58) **Field of Classification Search**

CPC ..... A61B 5/0478  
See application file for complete search history.

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FIG. 1

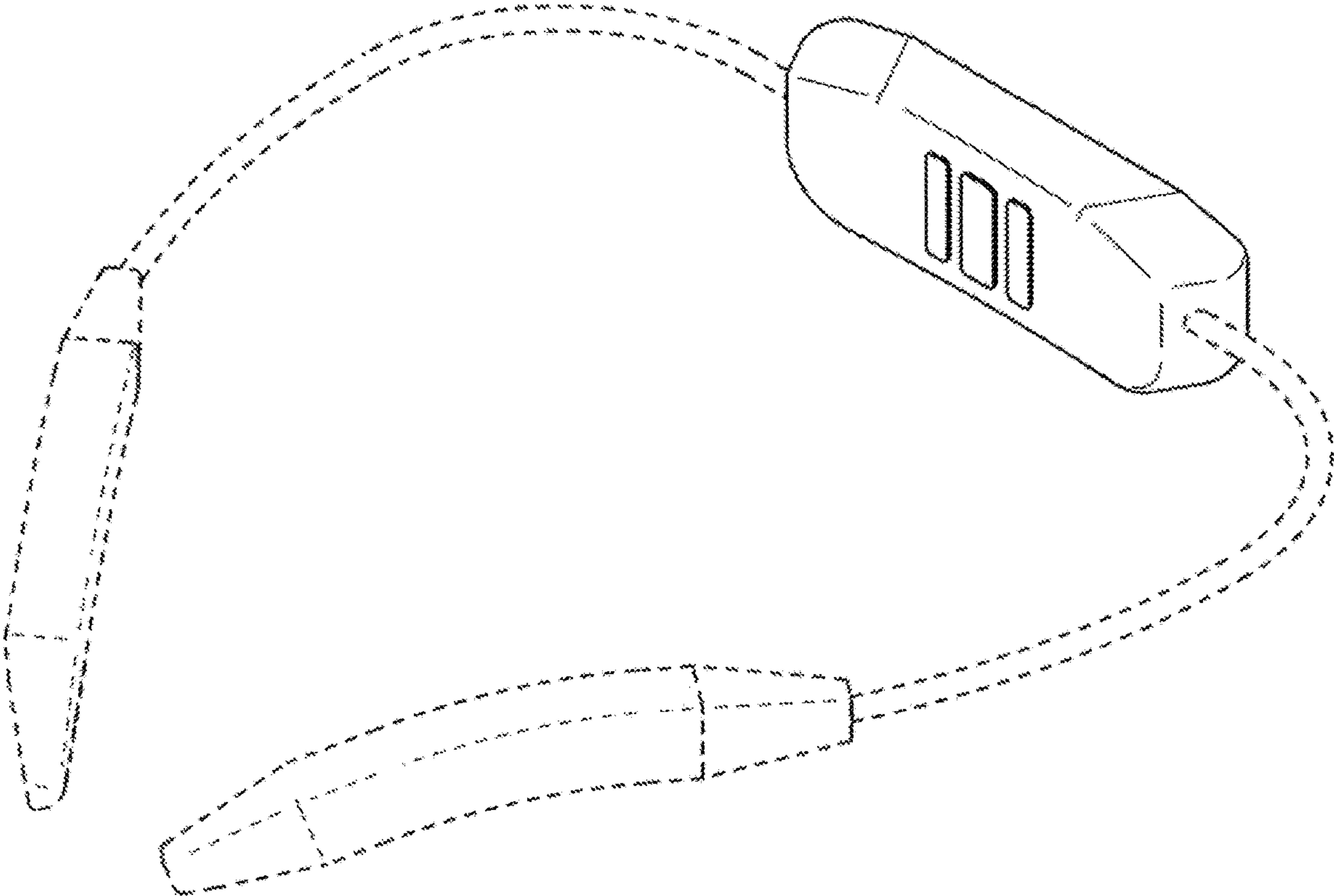


FIG. 2

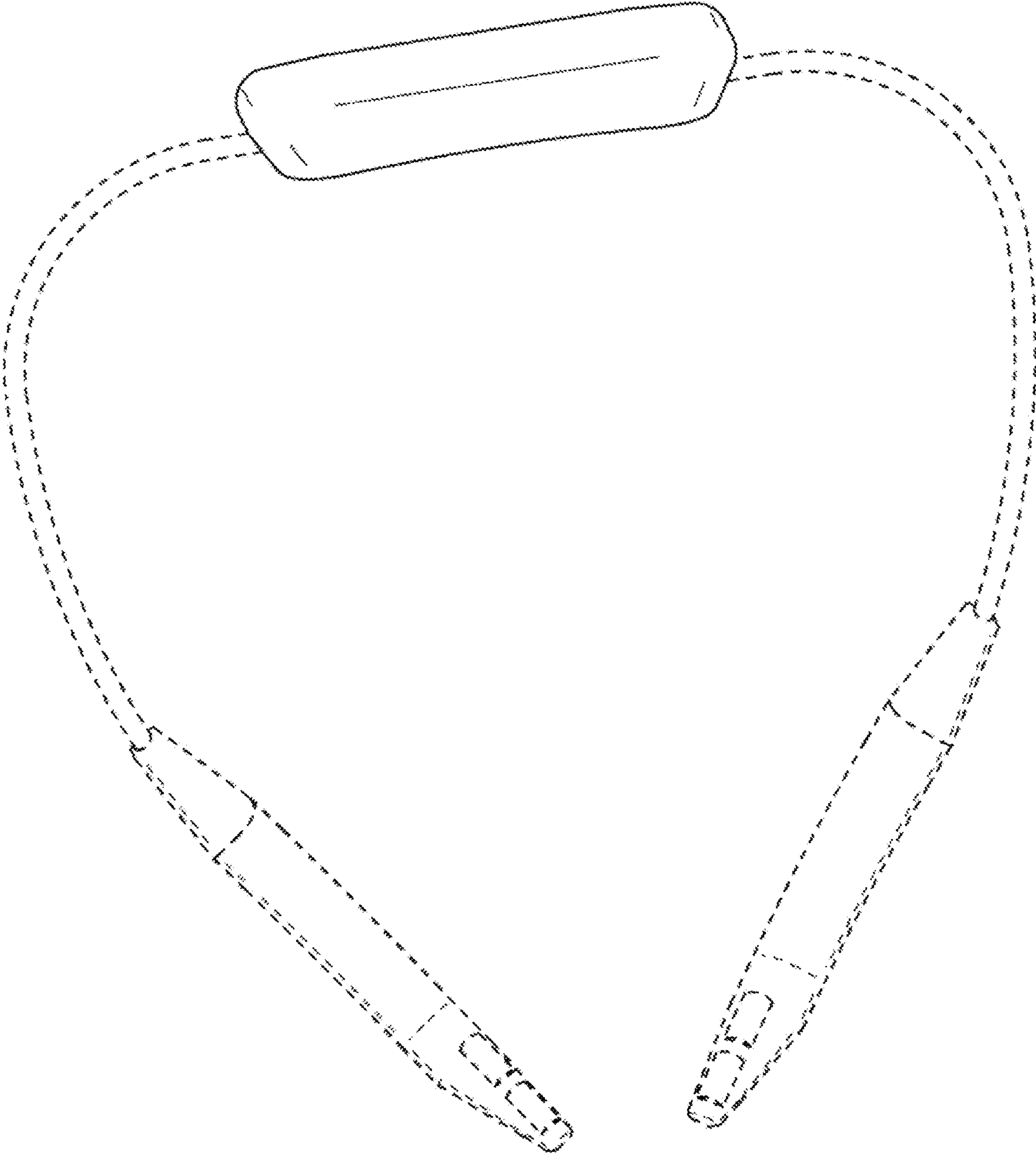


FIG. 3

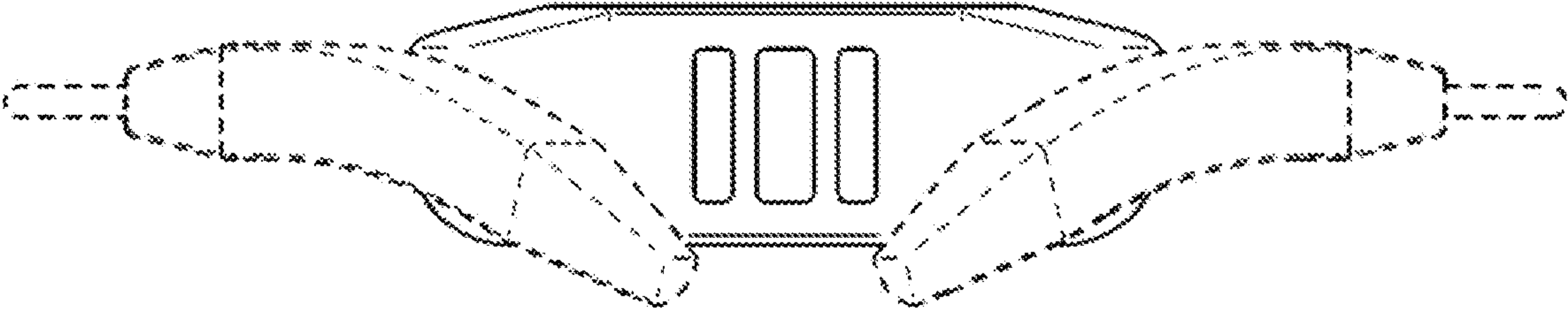


FIG. 4

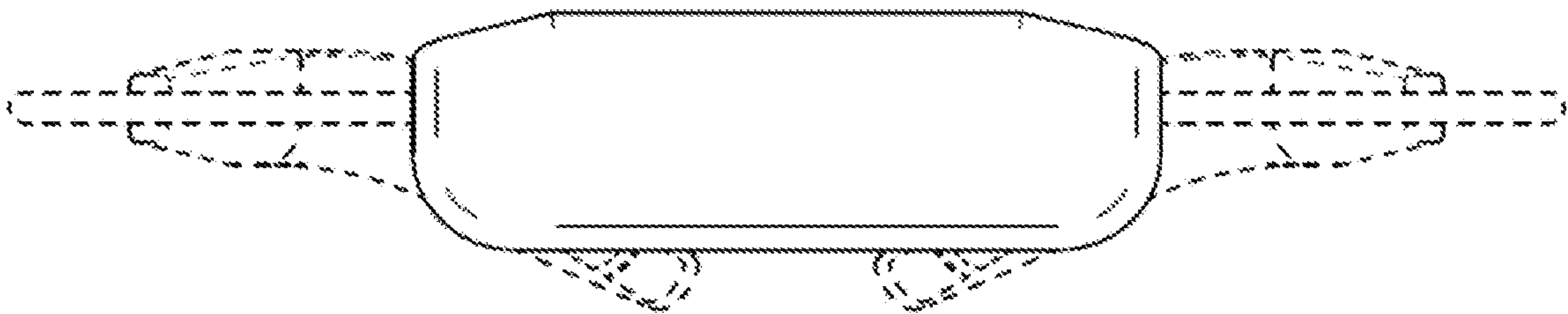


FIG. 5

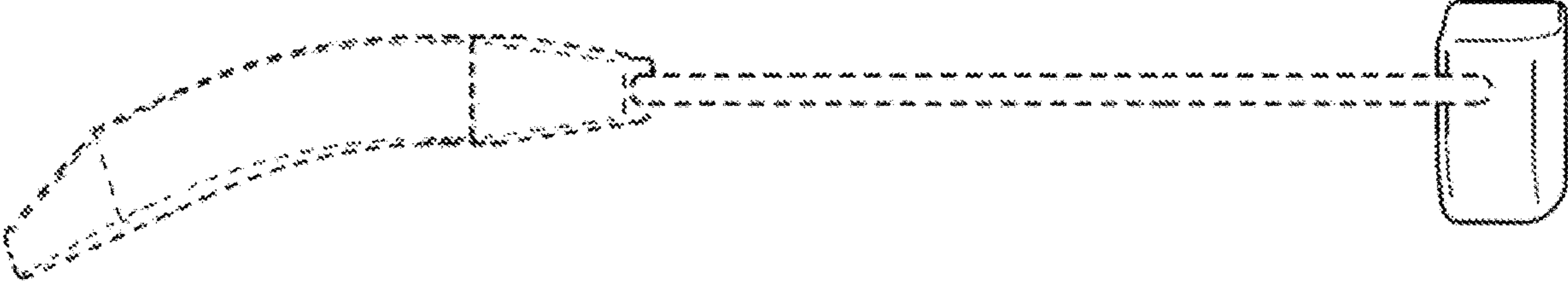




FIG. 6

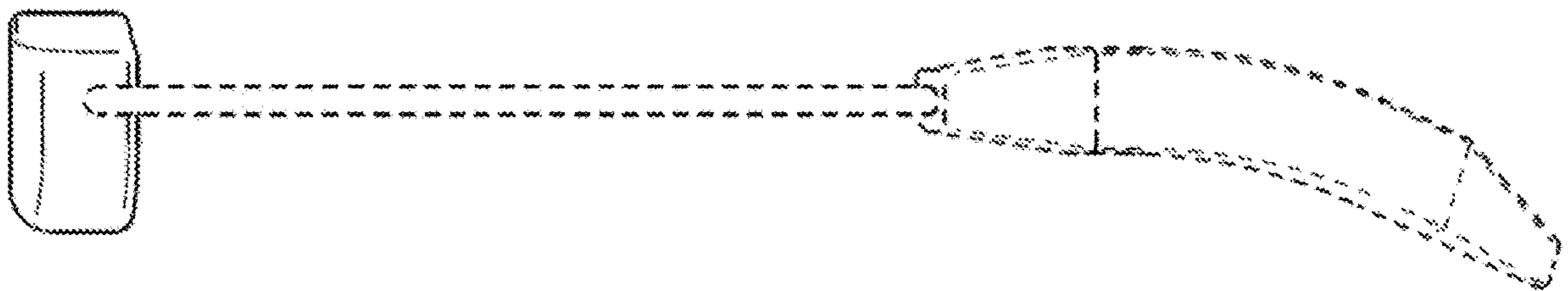




FIG. 7

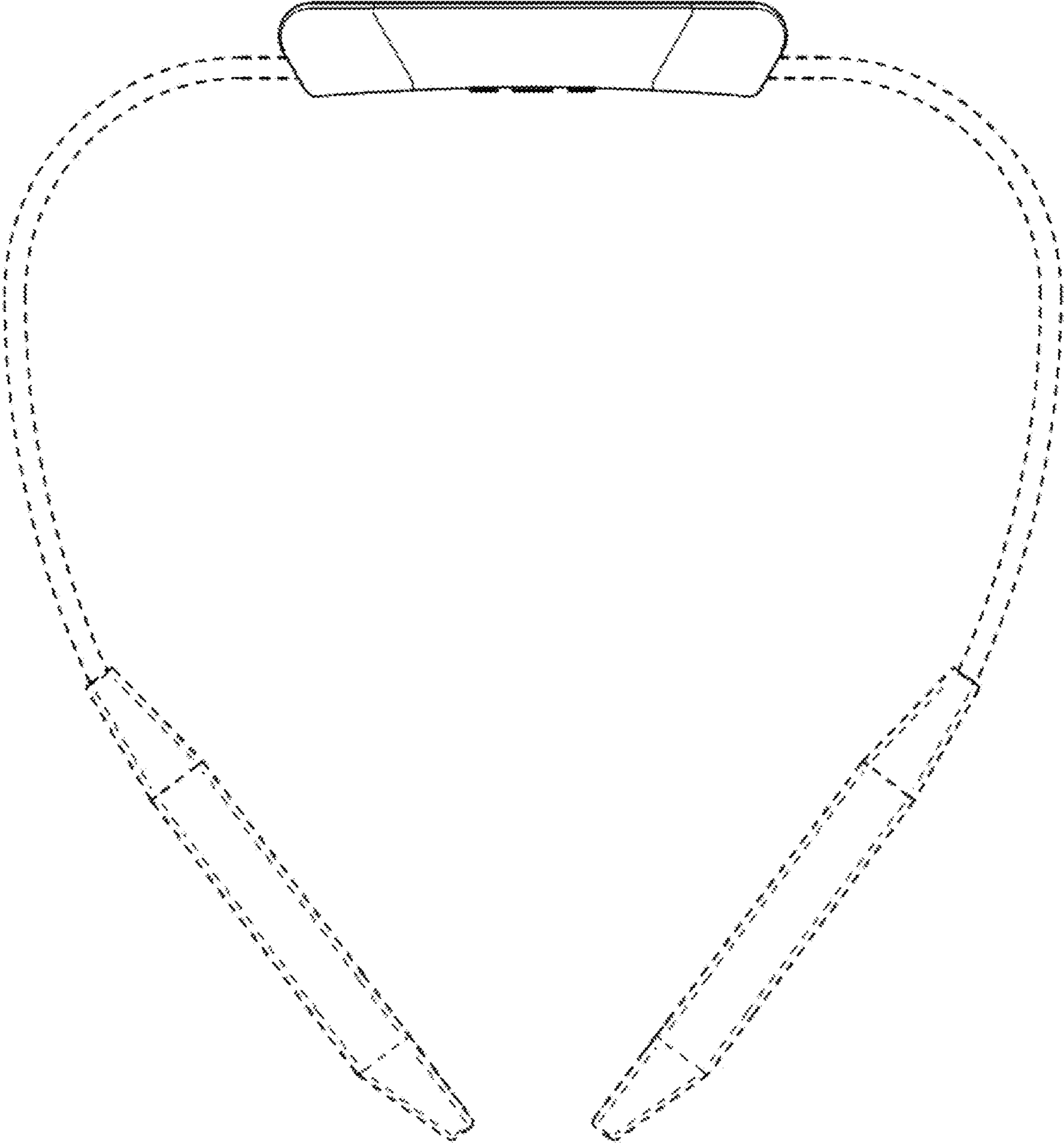


FIG. 8

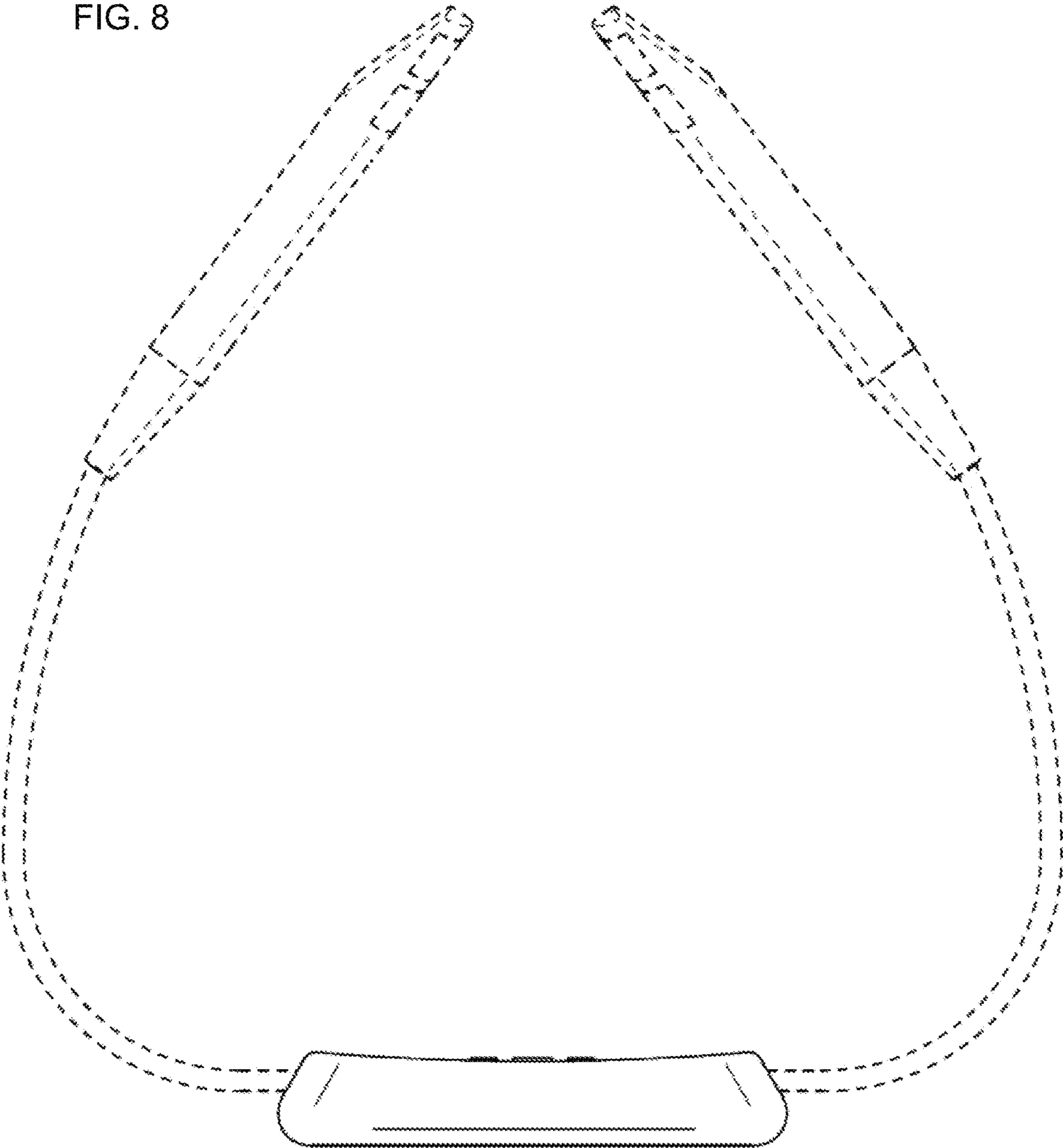


FIG. 9

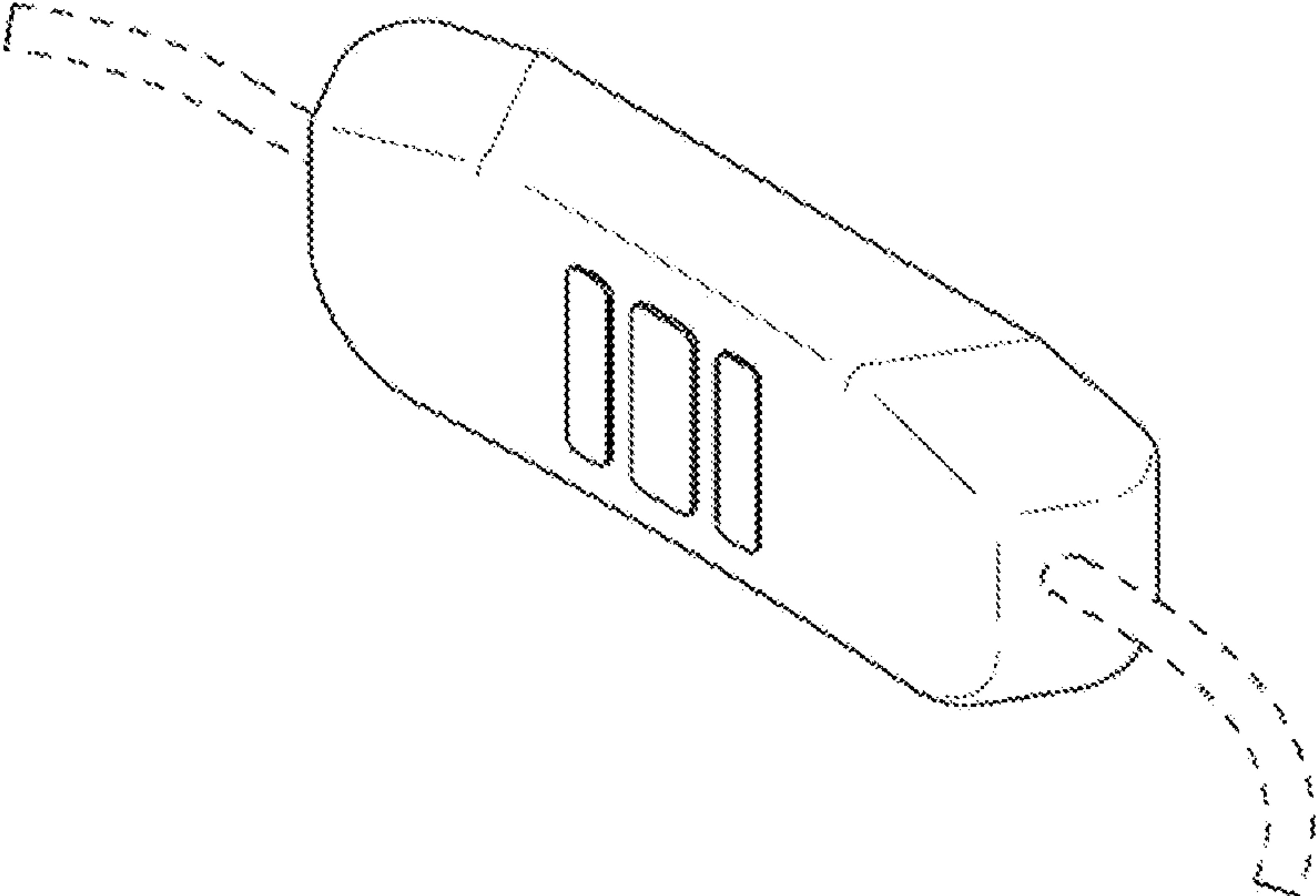


FIG. 10

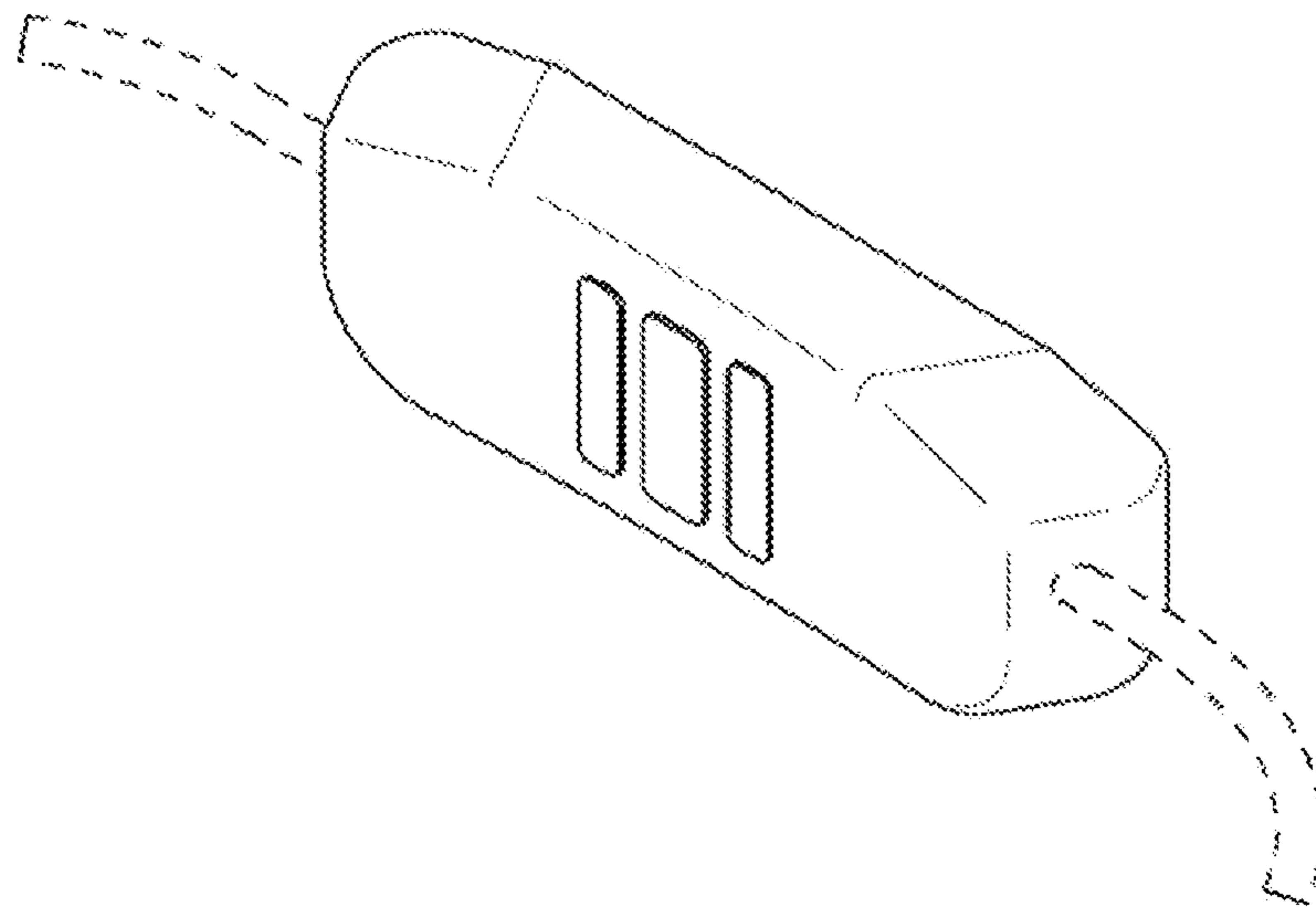


FIG. 11

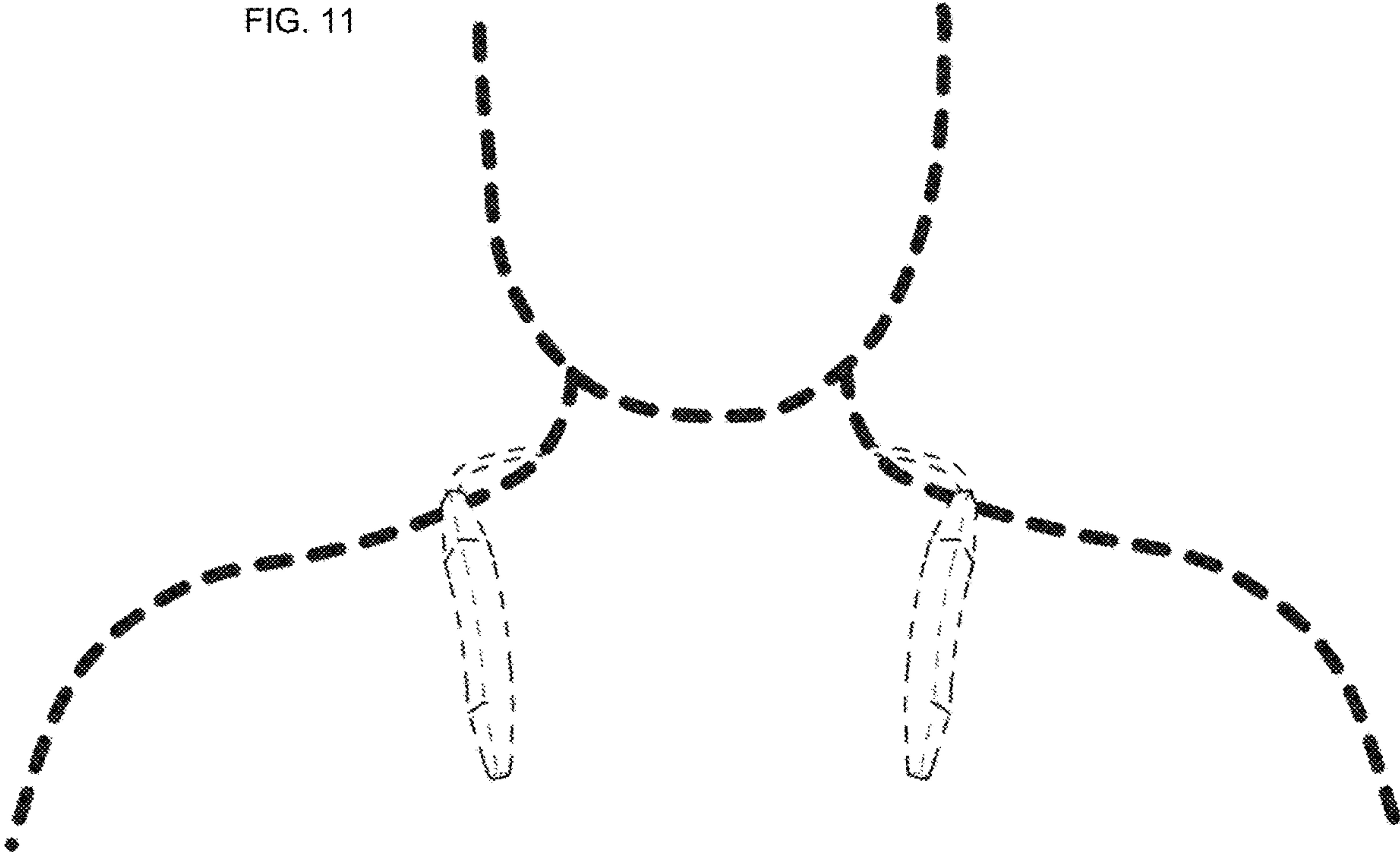


FIG. 12

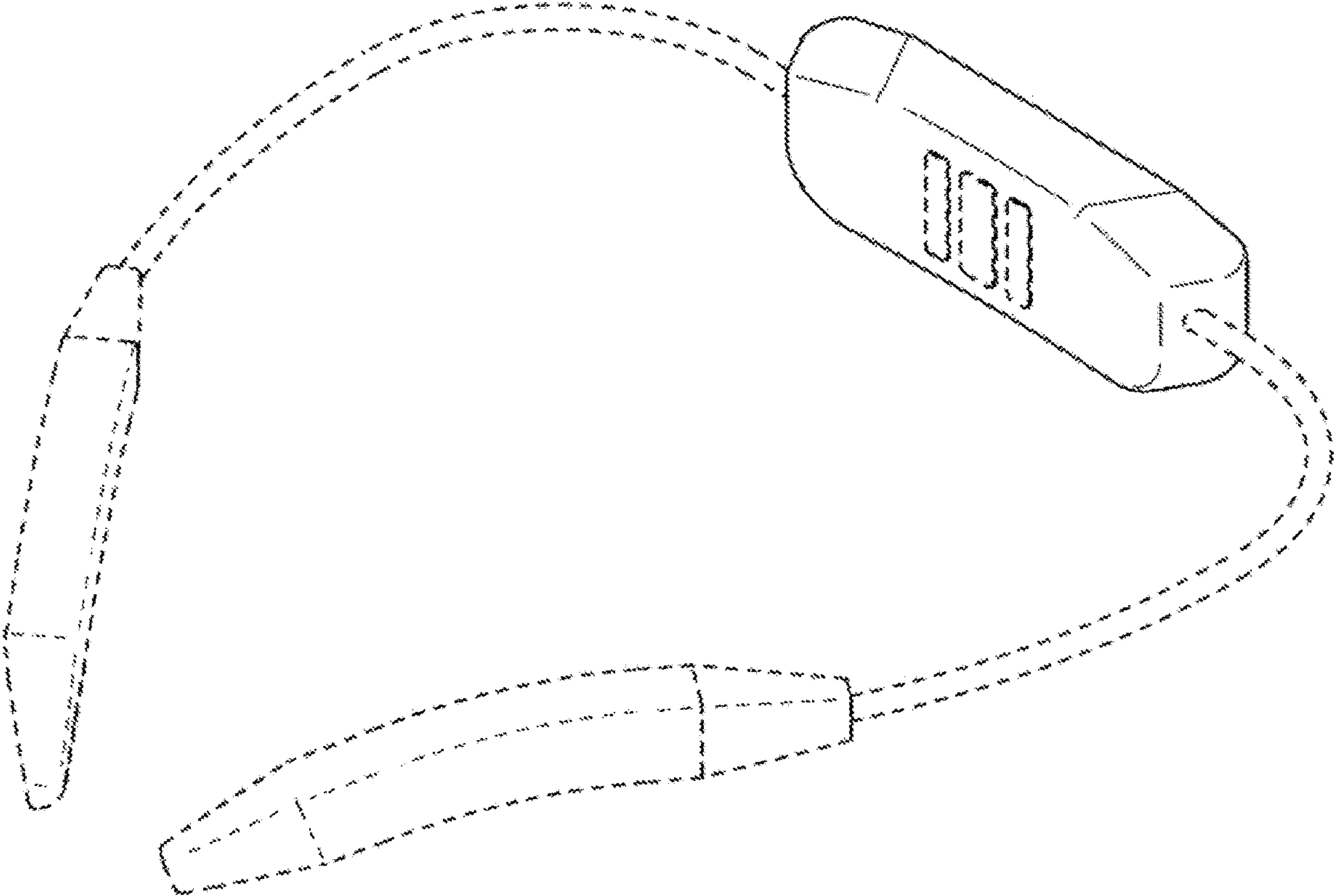


FIG. 13

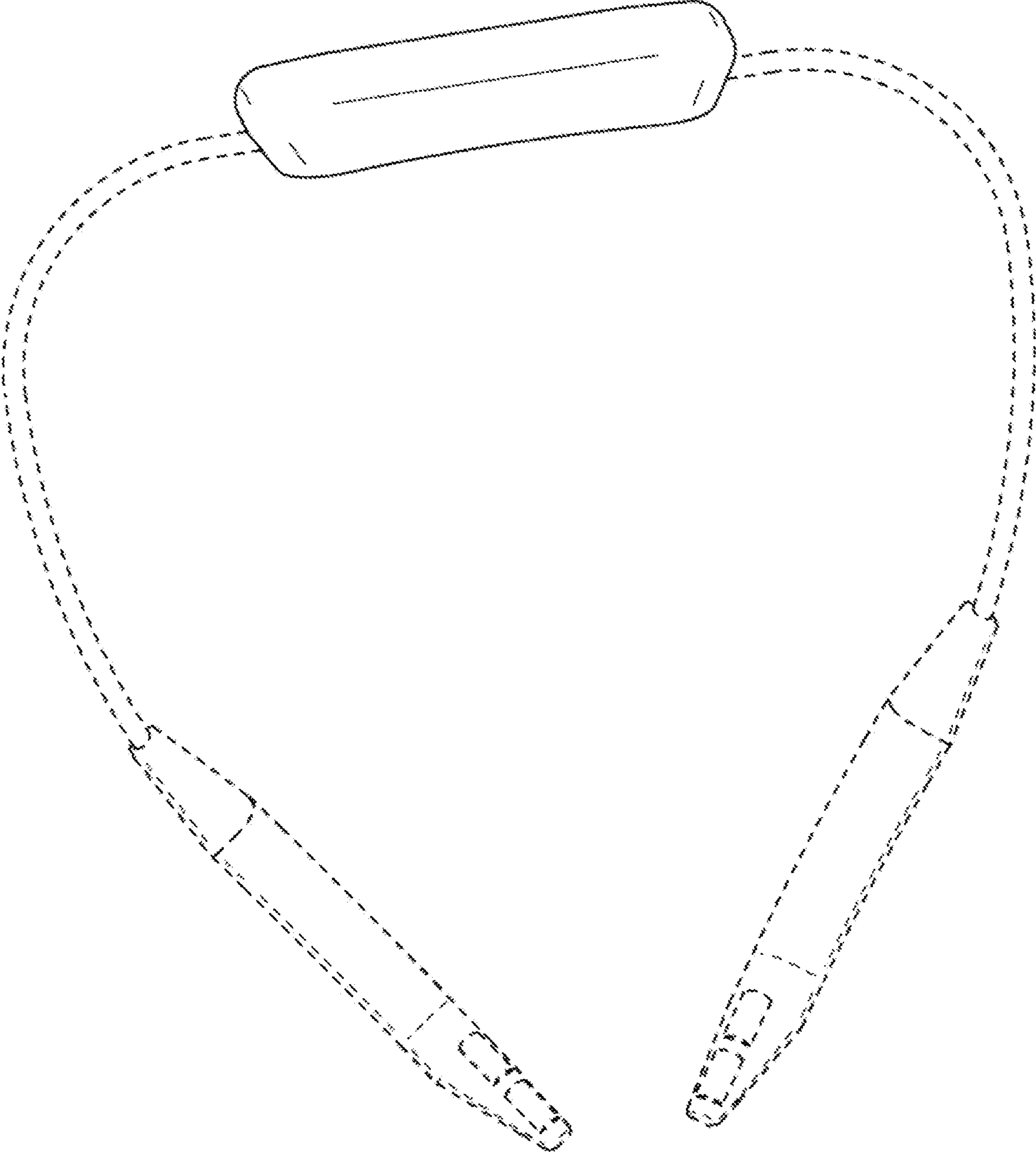




FIG. 14

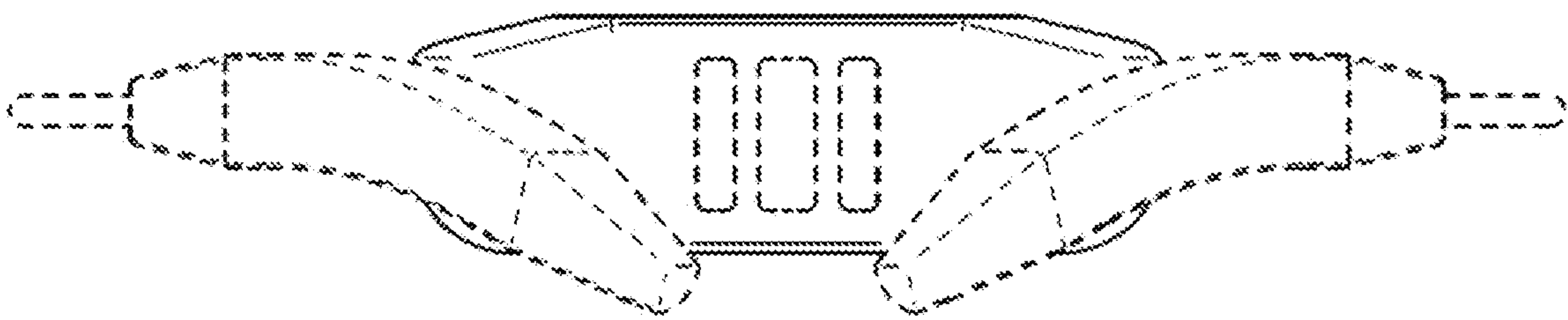


FIG. 15

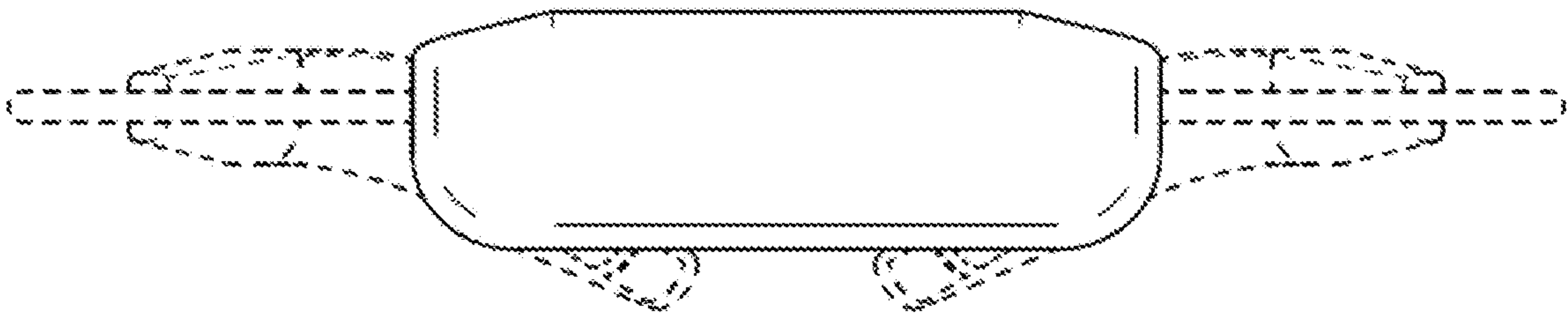


FIG. 16

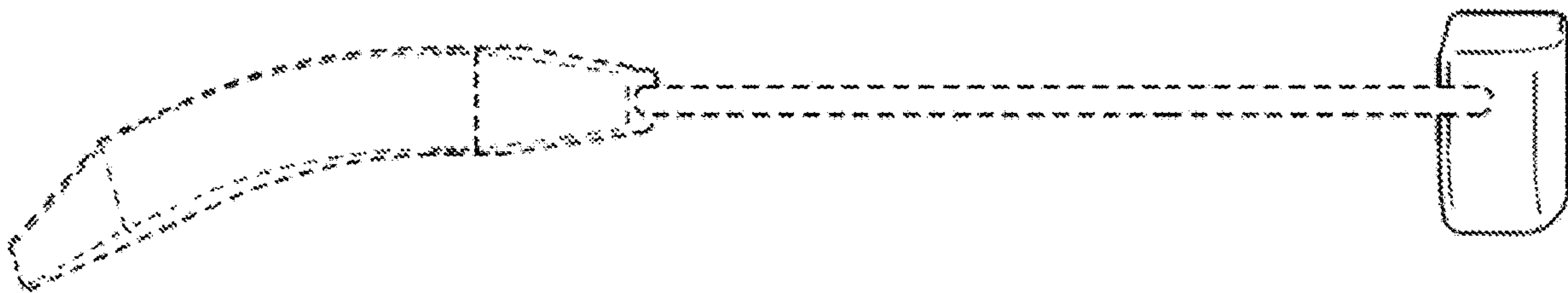


FIG. 17

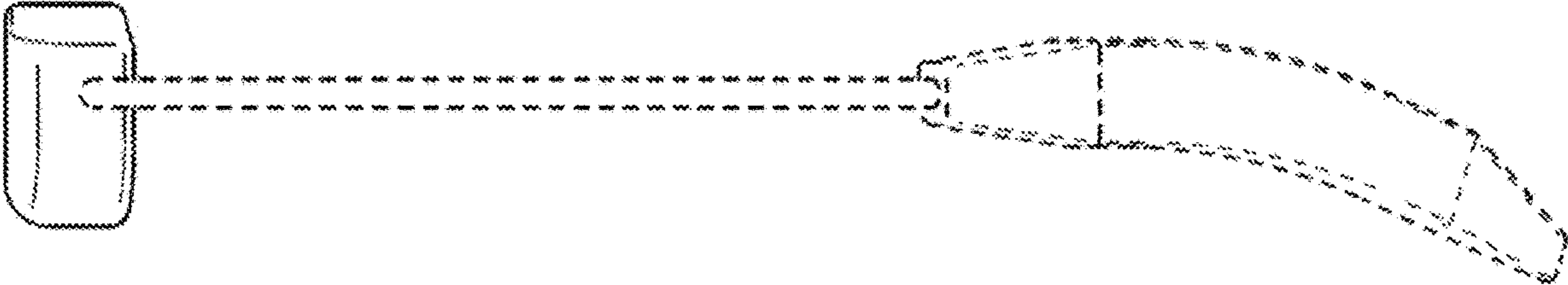


FIG. 18

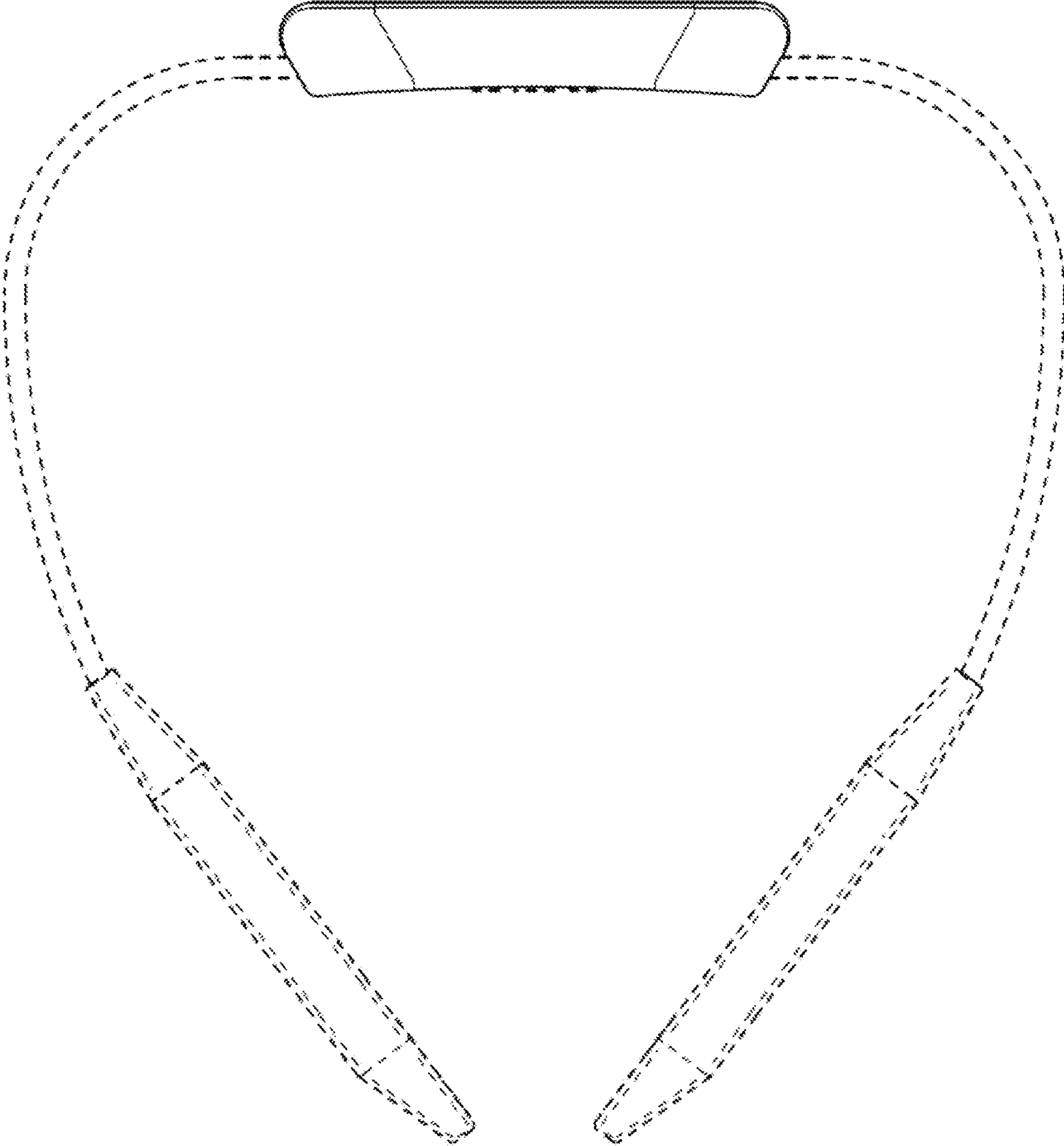


FIG. 19

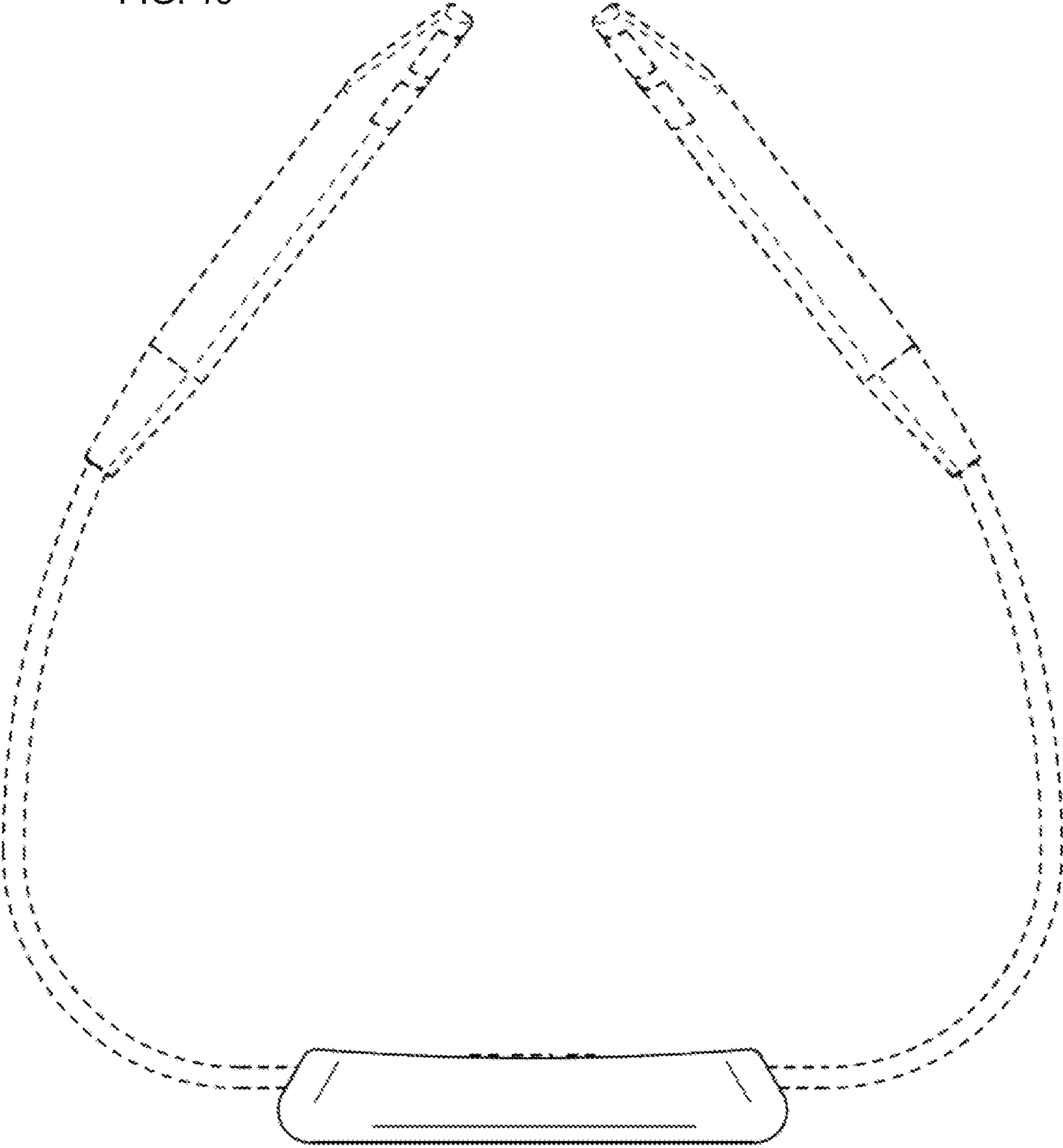


FIG. 20

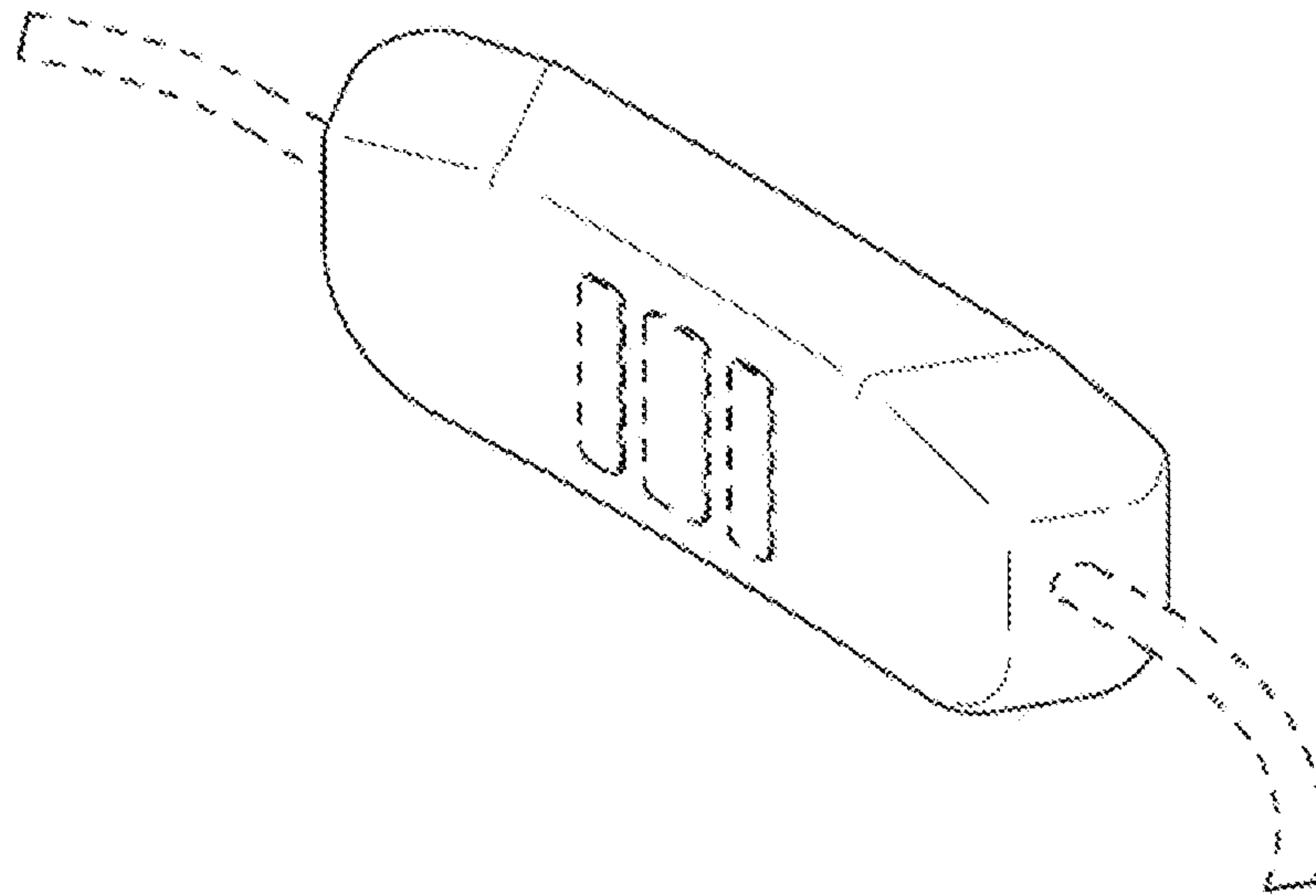




FIG. 21

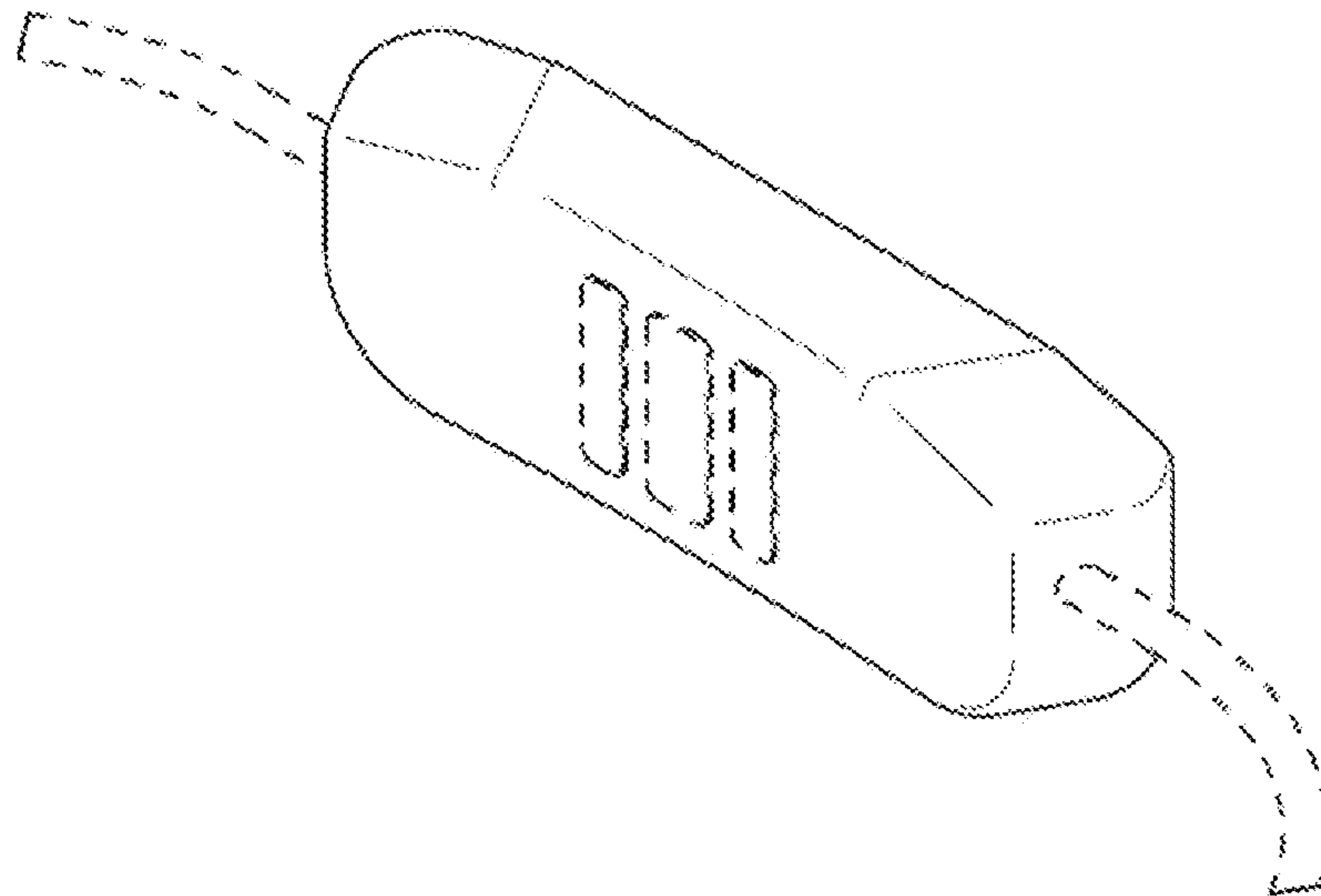


FIG. 22

