



US00D917702S

(12) **United States Design Patent** (10) **Patent No.:** **US D917,702 S**
Seki (45) **Date of Patent:** **** Apr. 27, 2021**

(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**

Primary Examiner — Eliza Z Bennett-Hattan
(74) *Attorney, Agent, or Firm* — Renner, Otto, Boisselle & Sklar, LLP

(21) Appl. No.: **29/677,936**
(22) Filed: **Jan. 24, 2019**

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

Related U.S. Application Data
(62) Division of application No. 35/504,324, filed on Jul. 14, 2017 (U.S. filing date under 35 U.S.C. 384), and (Continued)

DESCRIPTION

(30) **Foreign Application Priority Data**
Jan. 16, 2017 (JP) 2017-000575
Jan. 16, 2017 (JP) 2017-000576
Jan. 16, 2017 (JP) 2017-000577
Jan. 16, 2017 (JP) 2017-000578
Jan. 16, 2017 (JP) 2017-000579
(Continued)

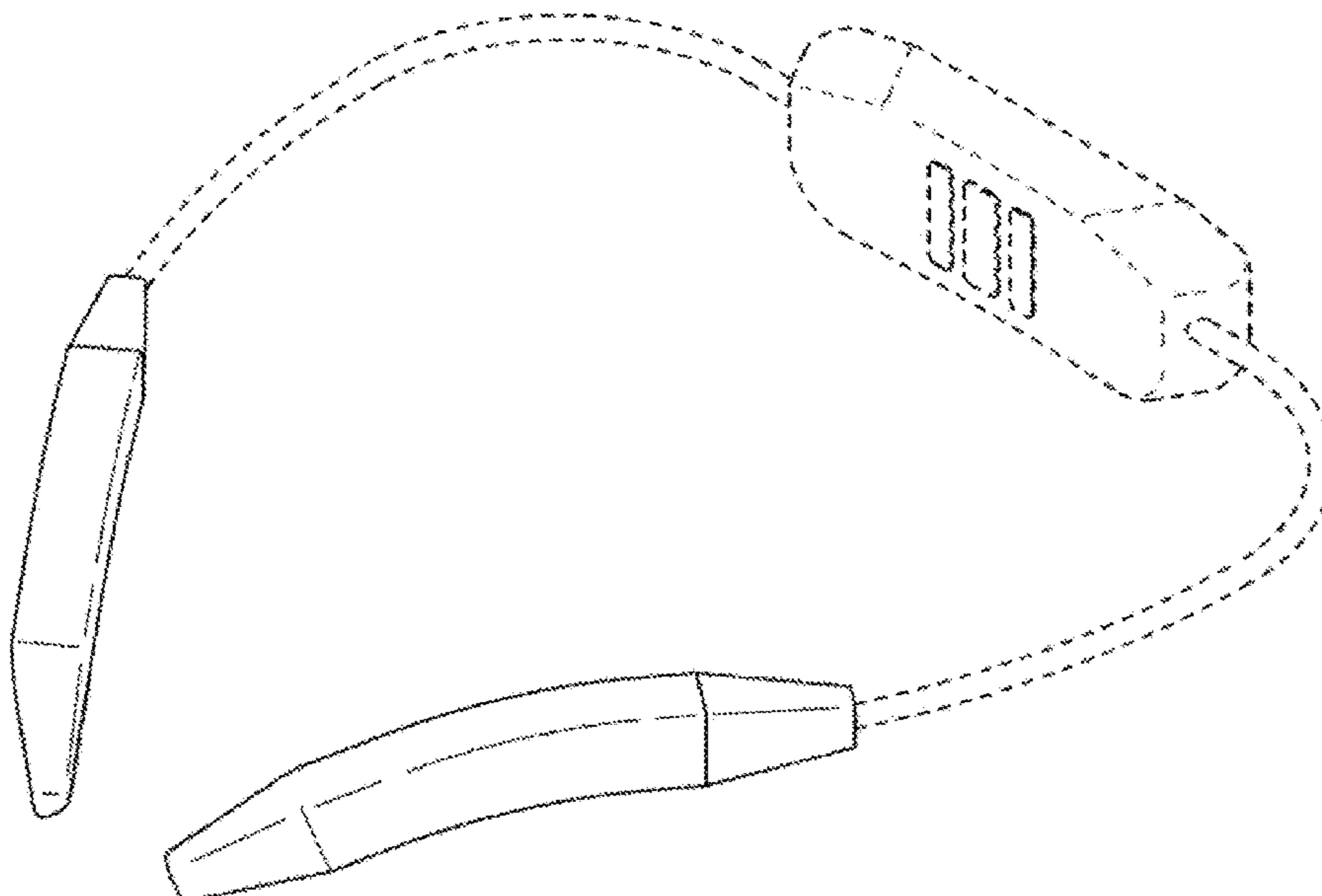
FIG. 1 : Perspective
FIG. 2 : Perspective
FIG. 3 : Front
FIG. 4:Back
FIG. 5 :Right
FIG. 6 :Left
FIG. 7 : Top
FIG. 8 : Bottom
FIG. 9 : Partial enlarged view of FIG. 2
FIG. 10 : Reference view—electrodes
FIG. 11 : Reference view of state in use
FIG. 12 : Perspective
FIG. 13 : Perspective
FIG. 14 : Front
FIG. 15 :Back
FIG. 16 :Right
FIG. 17 :Left
FIG. 18 :Top
FIG. 19 : Bottom

(51) **LOC (13) Cl.** **24-02**
(52) **U.S. Cl.**
USPC **D24/186**
(58) **Field of Classification Search**
USPC D24/186, 187, 200
(Continued)

FIG. 20 : Partial enlarged view of FIG. 13
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; the biosignal detector of designs 1 and 2 can detect biosignals (e.g., electrocardio signals, mastication signals) using the electrodes.

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(Continued)

1 Claim, 22 Drawing Sheets



Related U.S. Application Data

having an international filing date of Jul. 14, 2017,
now Pat. No. Des. 853,569.

(30) **Foreign Application Priority Data**

Jan. 16, 2017 (JP) 2017-000580
 Jan. 16, 2017 (JP) 2017-000581
 Jan. 16, 2017 (JP) 2017-000582
 Jan. 16, 2017 (JP) 2017-000583
 Jan. 16, 2017 (JP) 2017-000584
 Jan. 16, 2017 (JP) 2017-000585
 Jan. 16, 2017 (JP) 2017-000586
 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

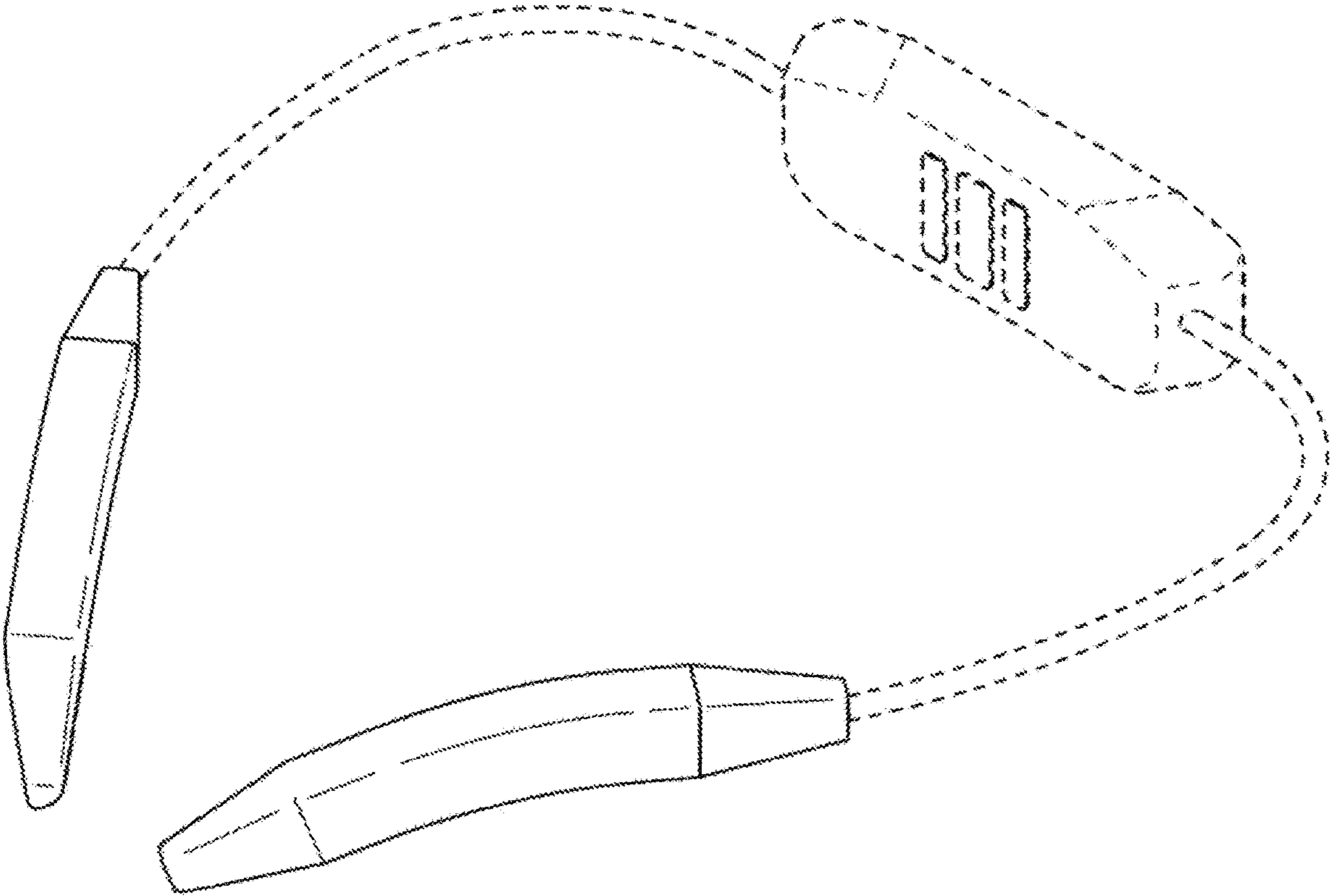


FIG. 2

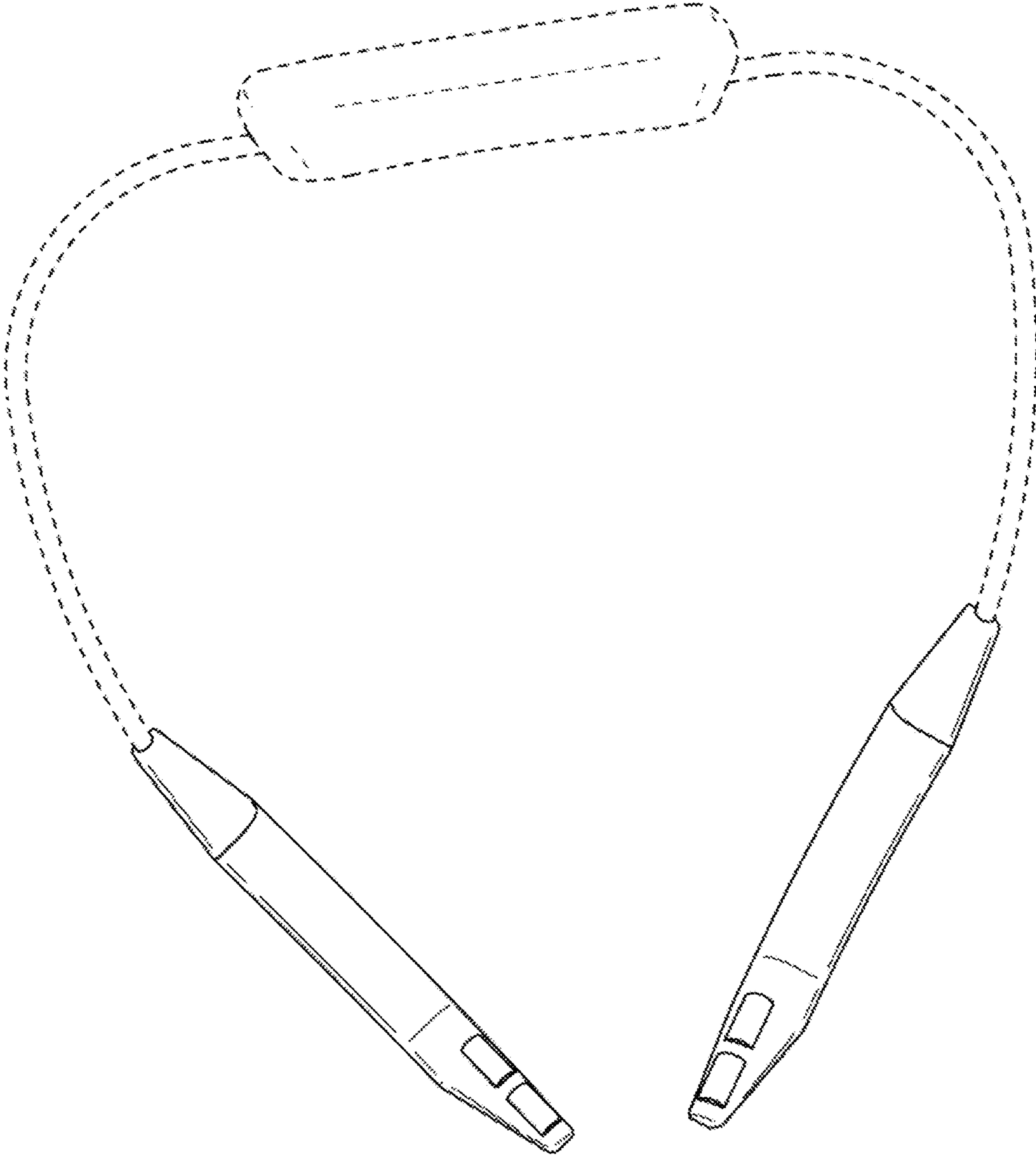


FIG. 3

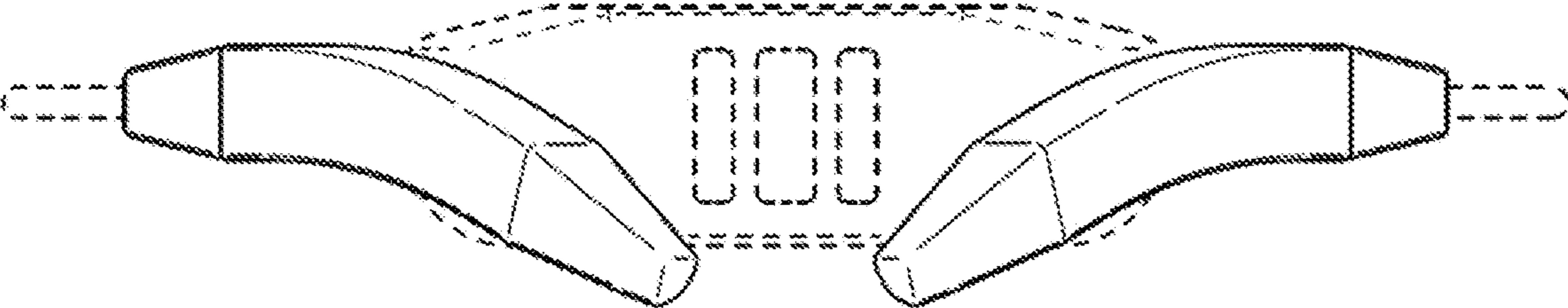


FIG. 4

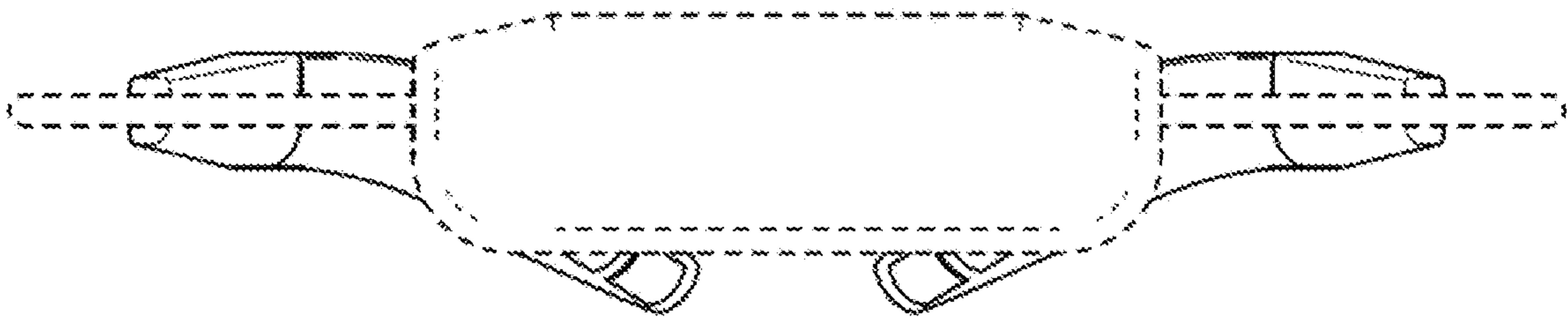


FIG. 5

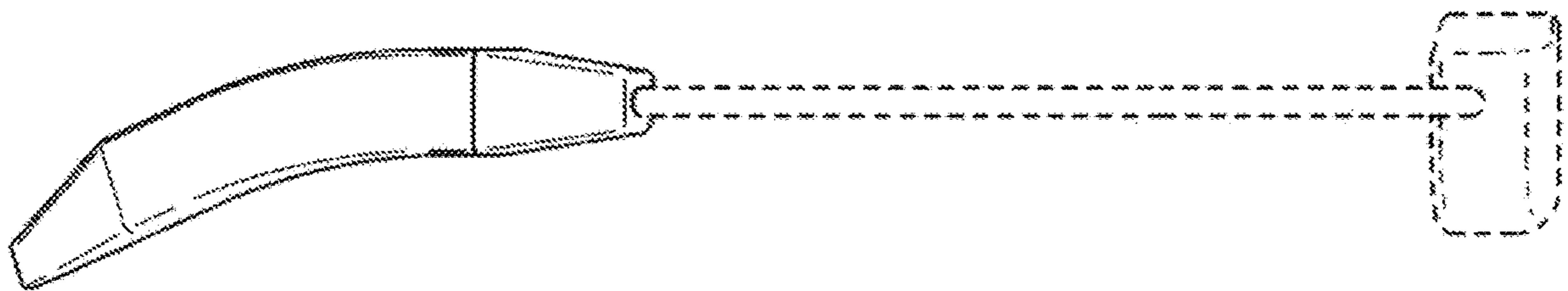


FIG. 6

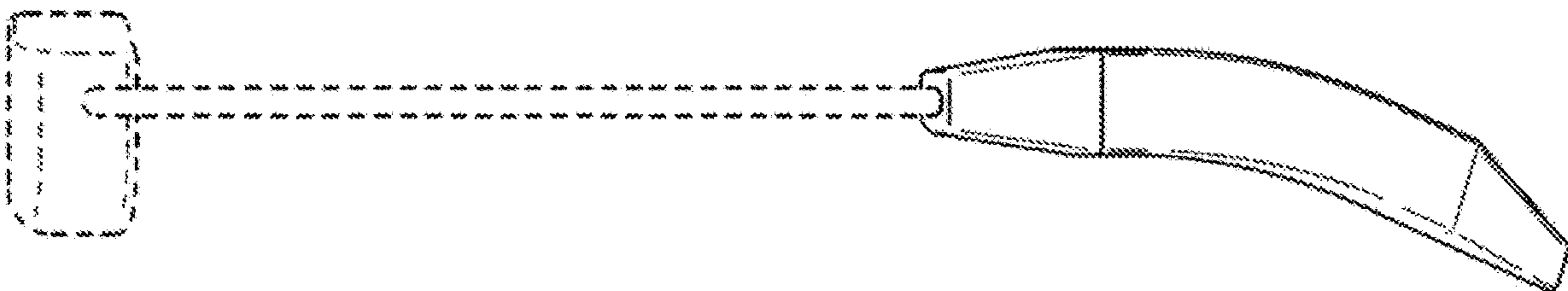


FIG. 7

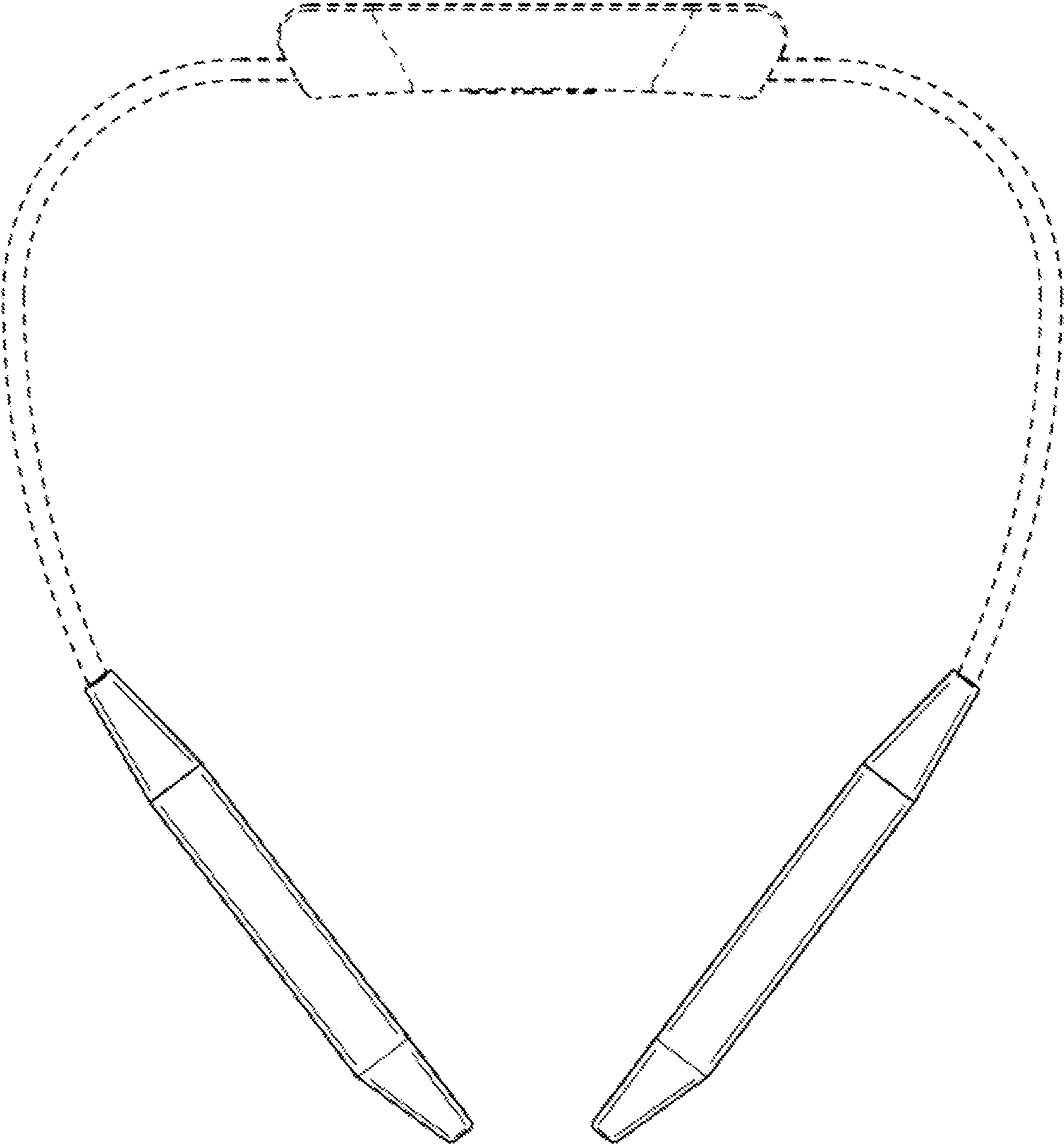


FIG. 8

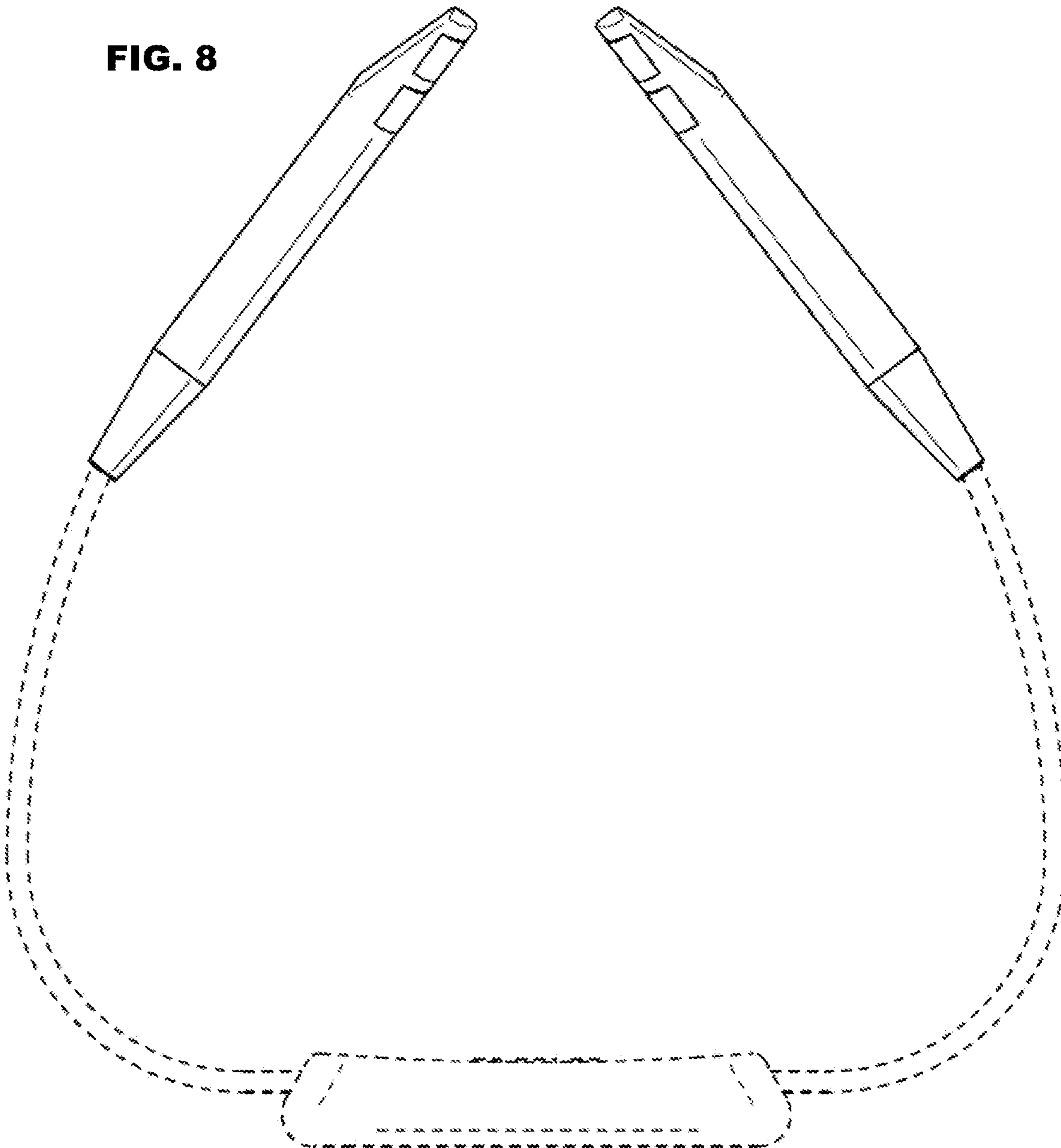


FIG. 9

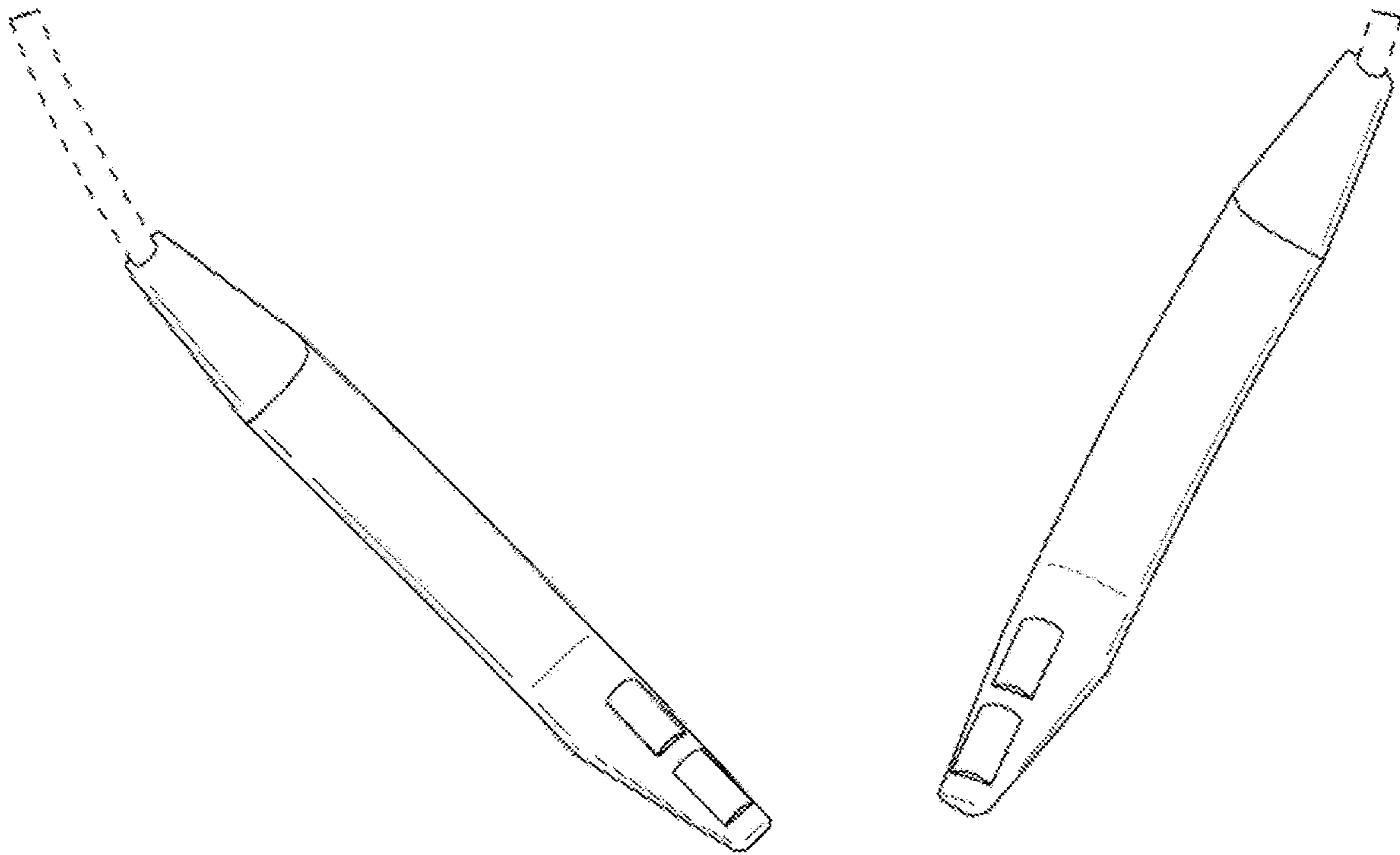


FIG. 10

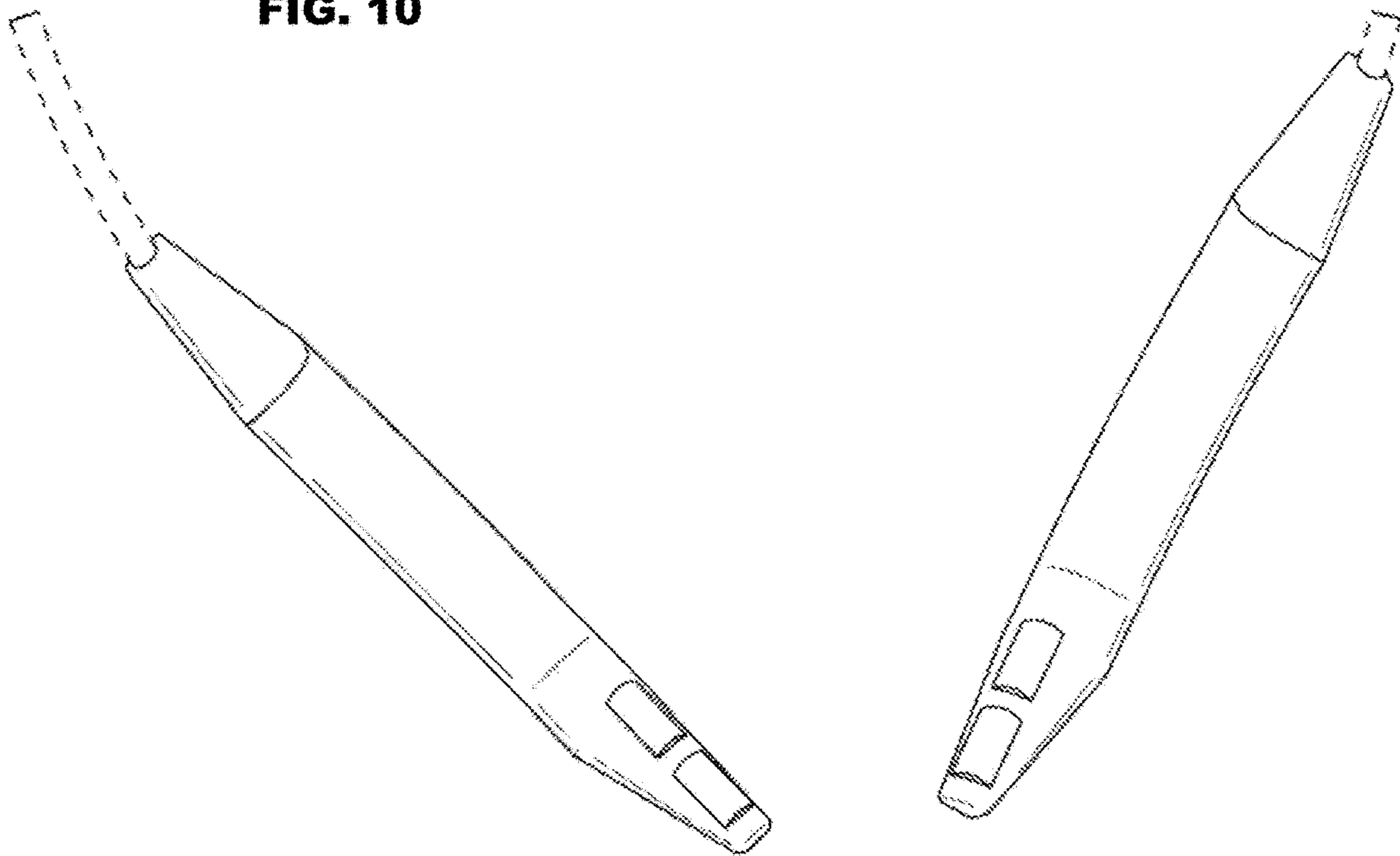


FIG. 11

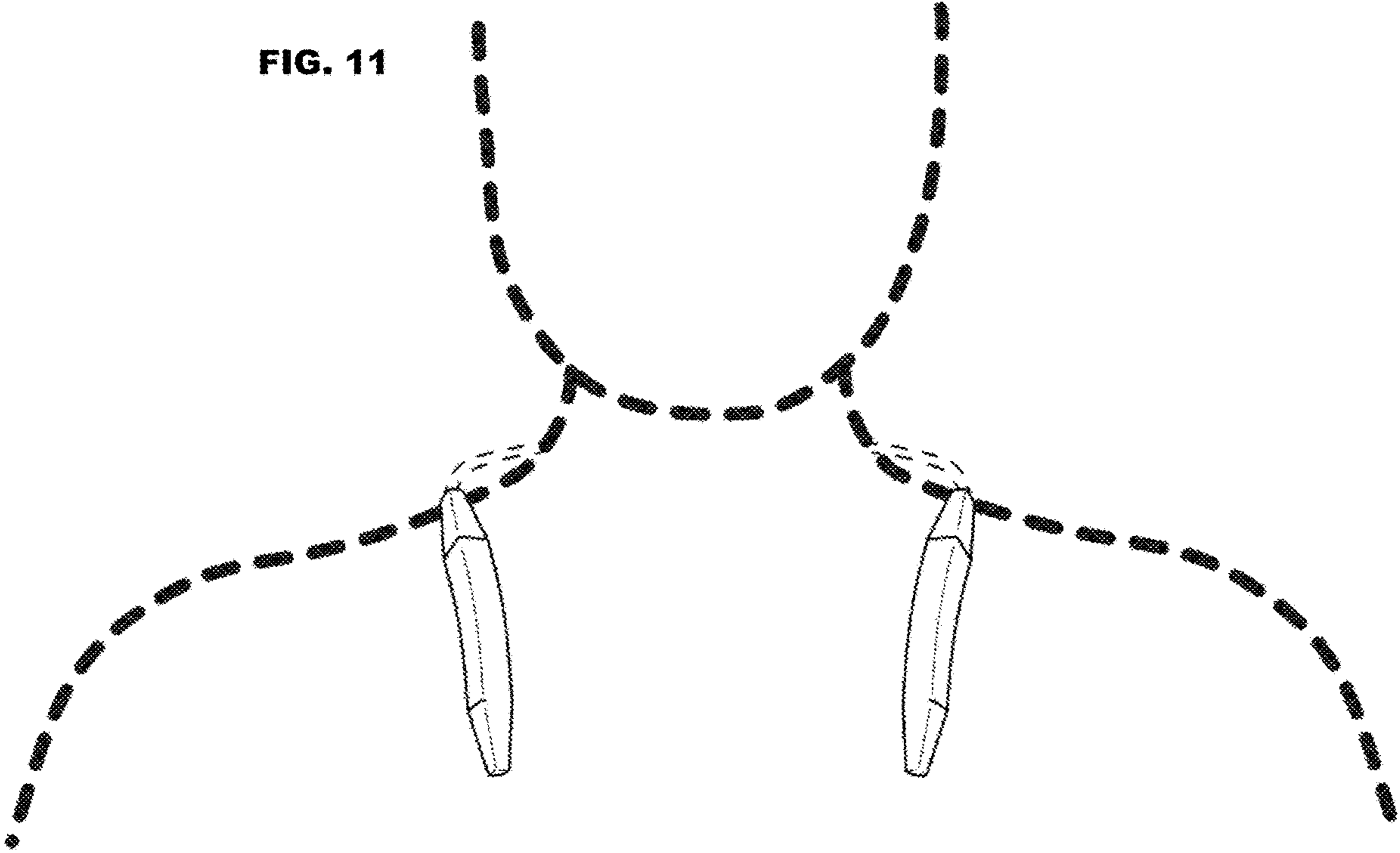


FIG. 12

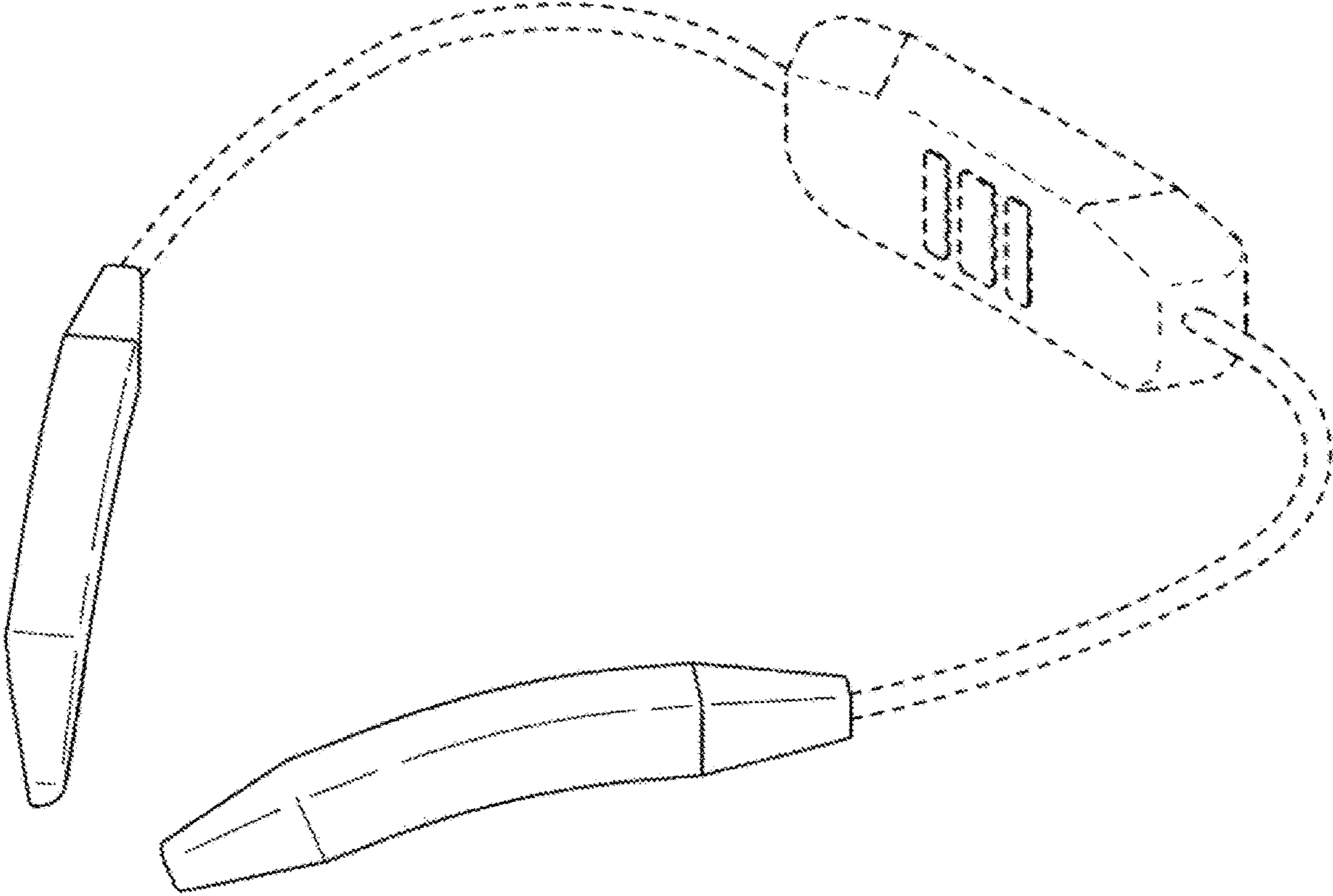


FIG. 13

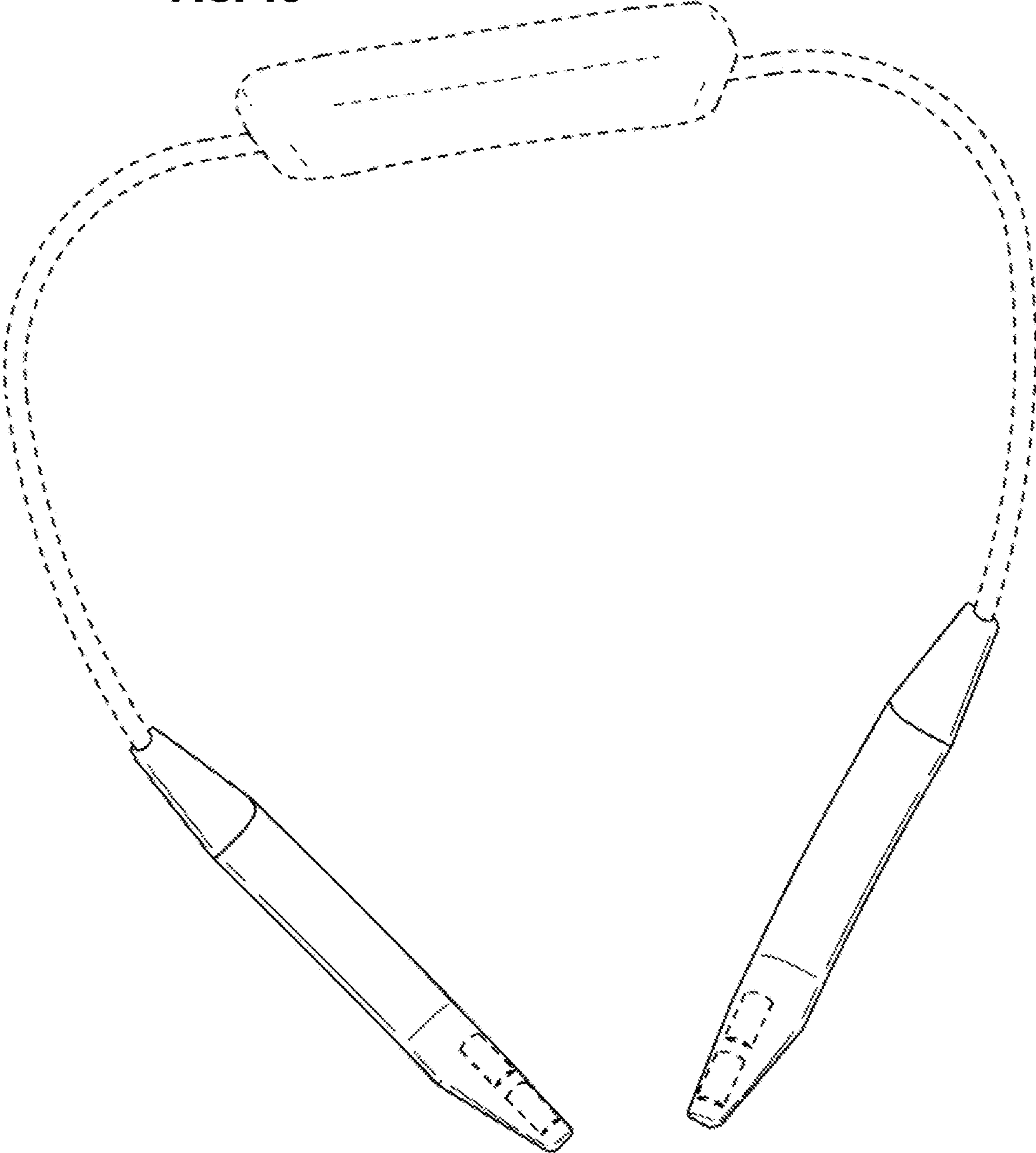


FIG. 14

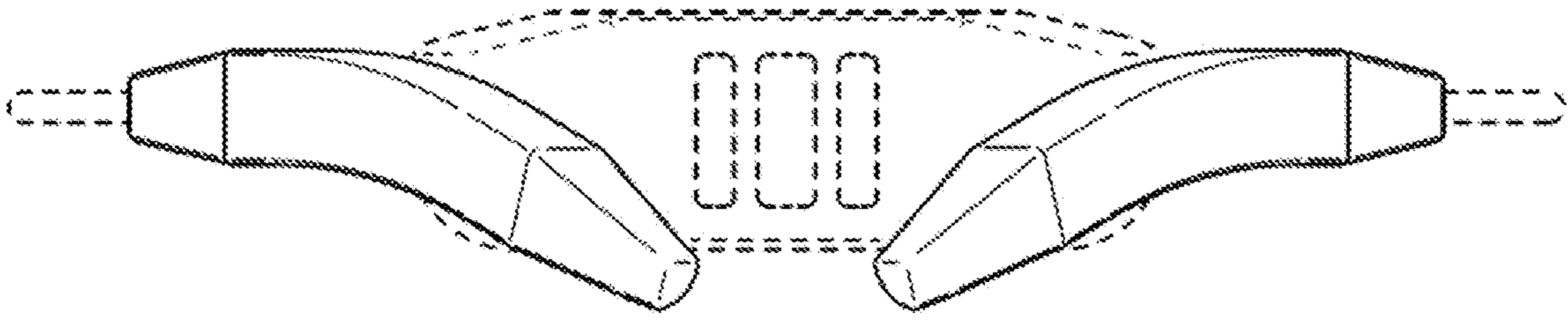


FIG. 15

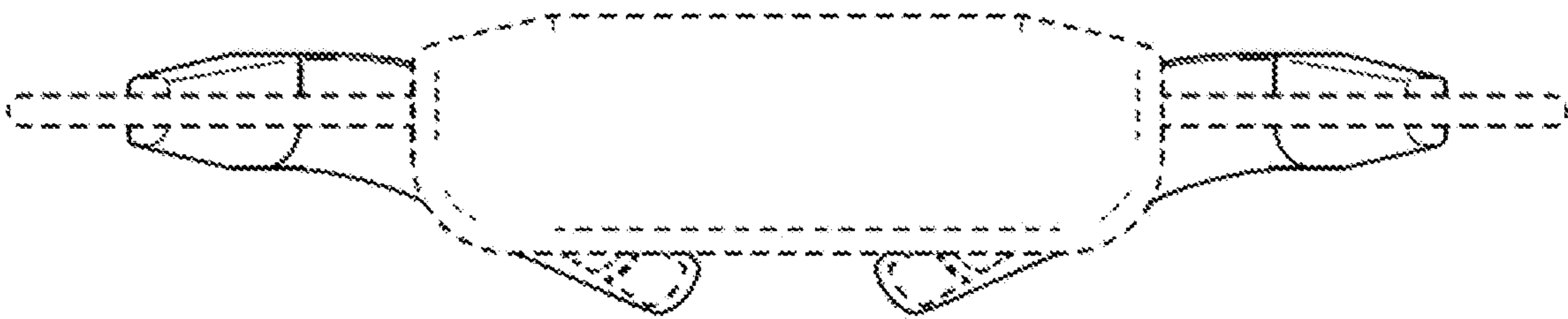


FIG. 16

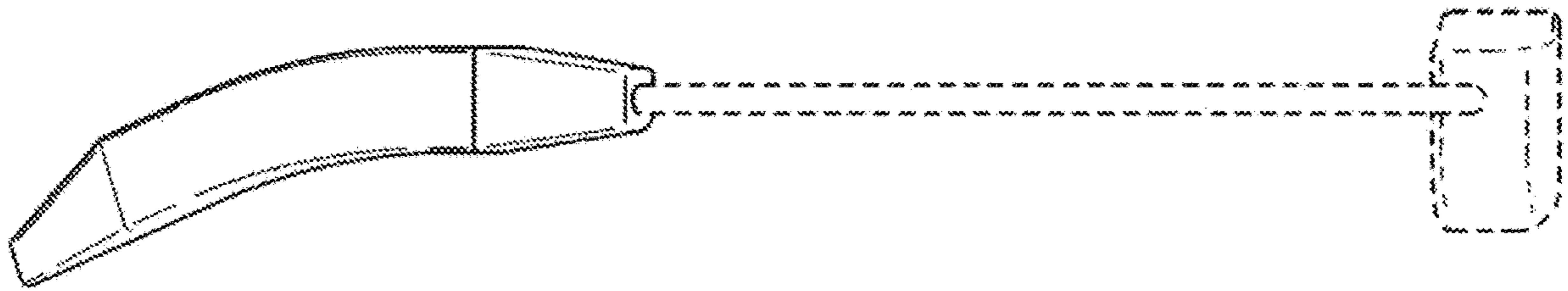


FIG. 17

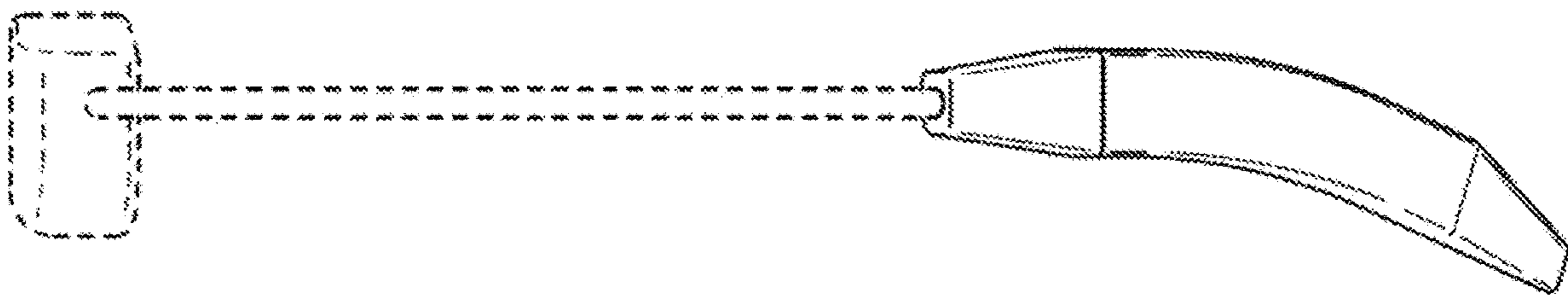


FIG. 18

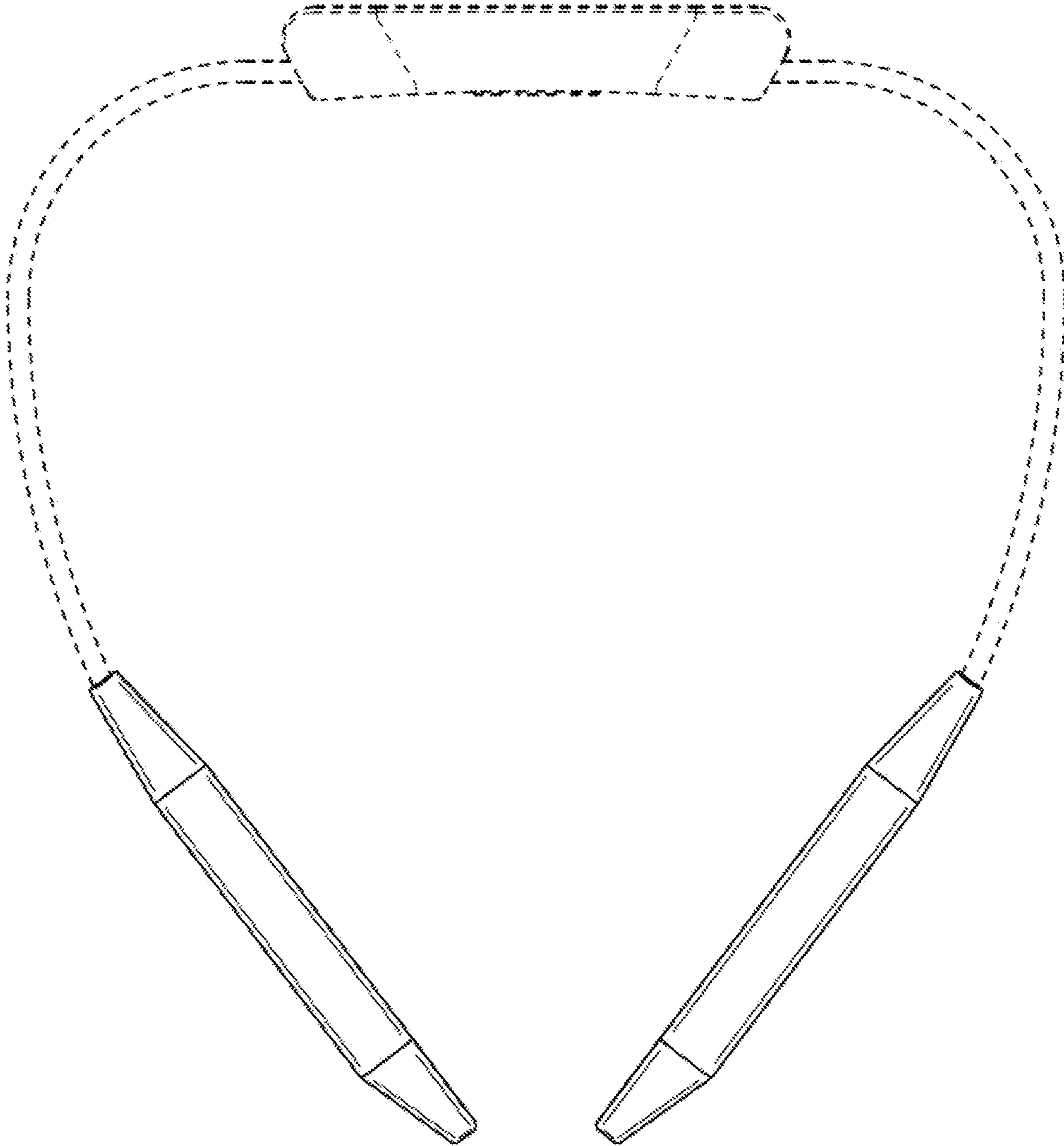


FIG. 19

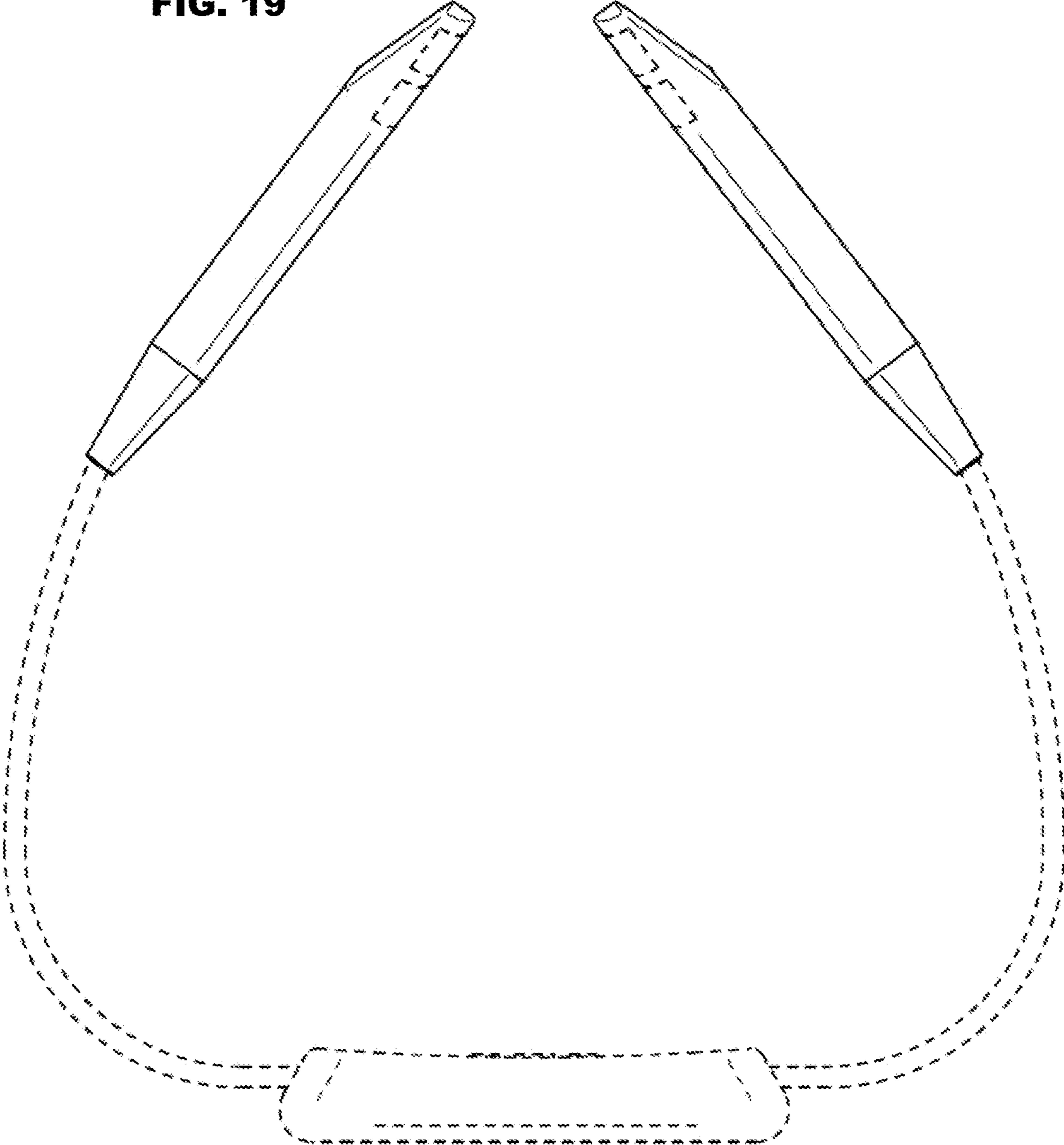


FIG. 20

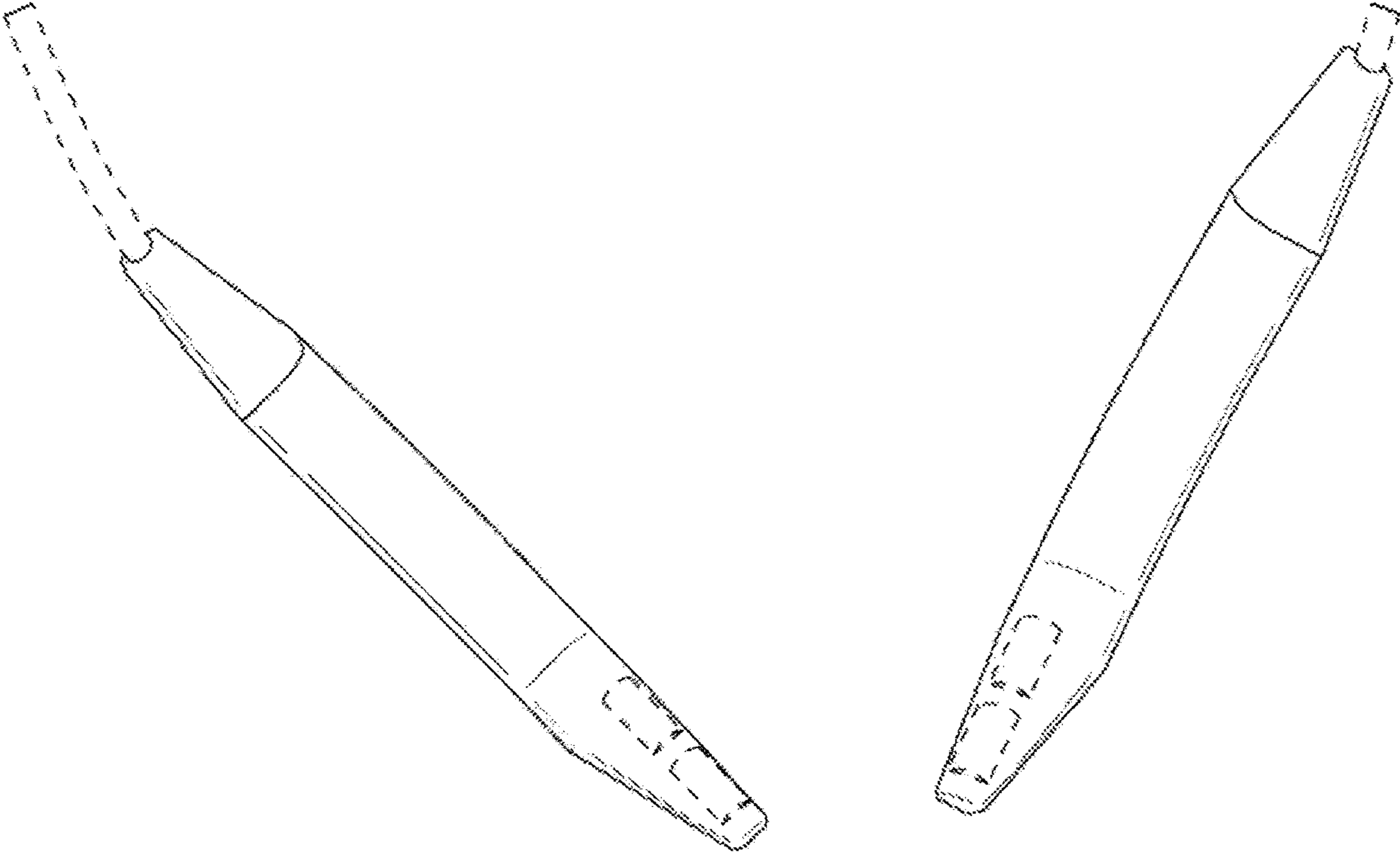


FIG. 21

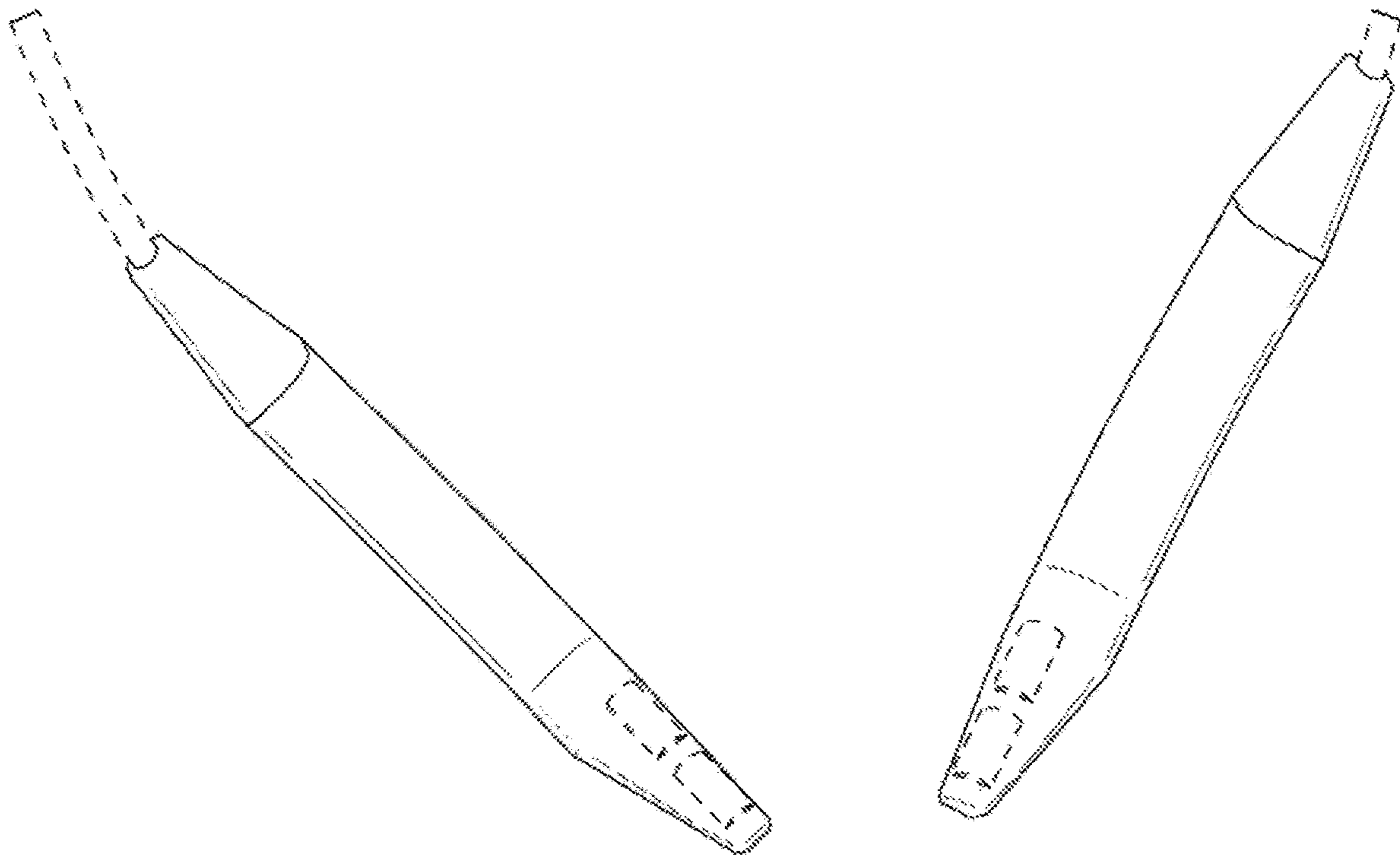


FIG. 22

