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(12) **United States Design Patent** (10) **Patent No.:** **US D853,569 S**
Seki (45) **Date of Patent:** **** Jul. 9, 2019**

(54) **BIOSIGNAL DETECTOR**

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(72) Inventor: **Tatsuya Seki**, Tokyo (JP)

(73) Assignee: **MELTIN MMI CO., LTD.**, Tokyo (JP)

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

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(30) **Foreign Application Priority Data**

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(Continued)

(51) **LOC (11) Cl.** **24-02**

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

(58) **Field of Classification Search**
USPC D24/186, 187, 200; D14/205
(Continued)

(56) **References Cited**

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Primary Examiner — Eliza Z Bennett-Hattan

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(57) **CLAIM**

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

DESCRIPTION

1.-2. Biosignal detectors

1.1 : Perspective

1.2 : Perspective

1.3 : Front

1.4 : Back

1.5 : Right

1.6 : Left

1.7: Top

1.8: Bottom

1.9: Partial enlarged view of 1.1

1.10 : Partial enlarged view of 1.2

1.11 : Reference view—electrodes

1.12 : Reference view—electrodes

1.13 : Reference view of state in use

2.1 : Perspective

2.2 : Perspective

2.3 : Front

2.4 : Back

2.5 : Right

2.6 : Left

2.7 : Top

2.8 : Bottom

2.9 : Partial enlarged view of 2.1

2.10 : Partial enlarged view of 2.2

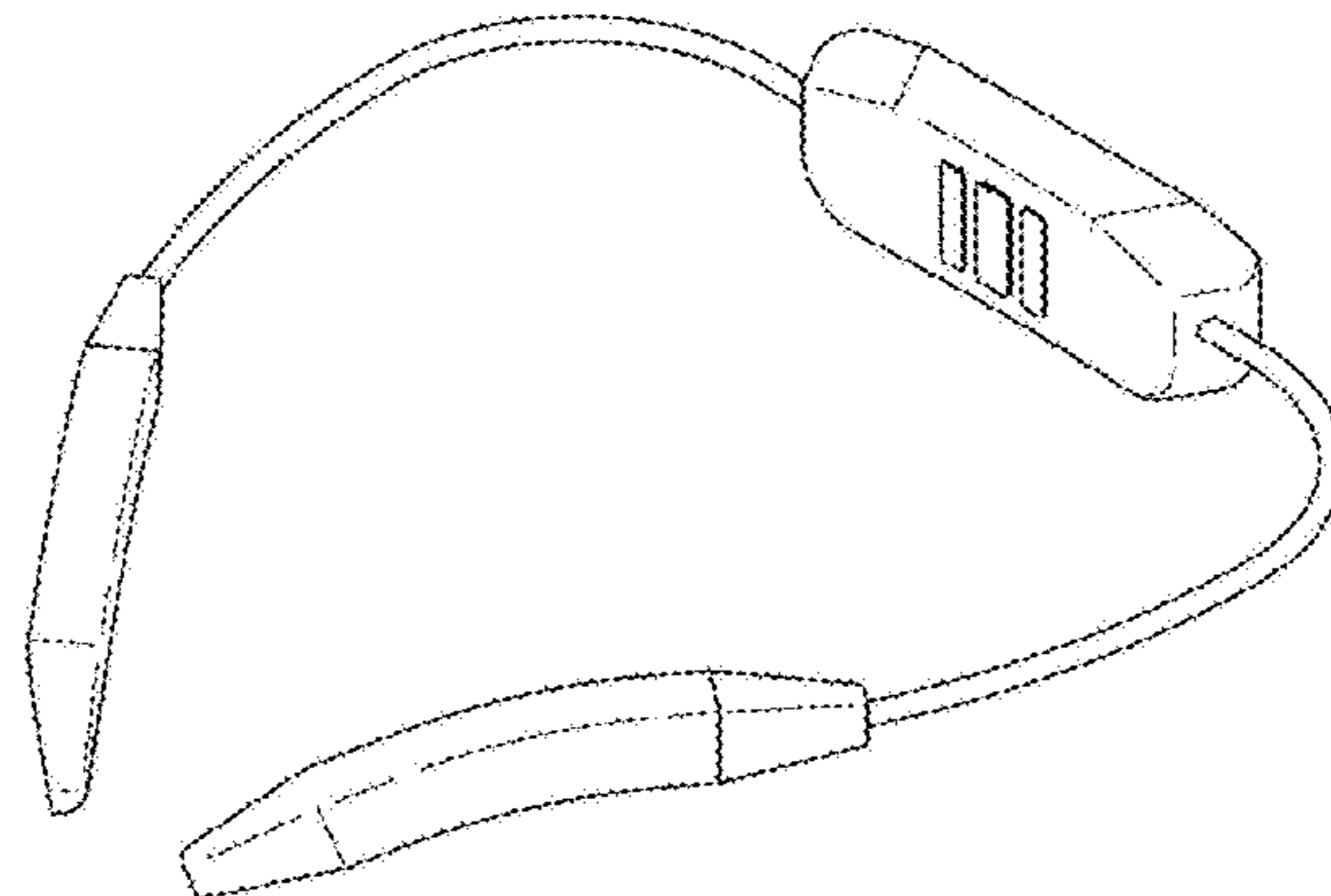
2.11 : Reference view—electrodes

2.12 : Reference view—electrodes

2.13 : Reference view of state in use

The solid lines form part of the claimed designs; the broken lines depict unclaimed portions of the biosignal detector and form no part of the claim, additionally, the broken lines forming the outer edges of a wearer in Figs. 1.13 & 2.13 depict environmental subject matter only and form no part of the claimed design; the biosignal detectors of designs 1 and 2 can detect biosignals (e.g., electrocardio signals, mastication signals) using the electrodes.

1 Claim, 26 Drawing Sheets



(30) Foreign Application Priority Data

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 Jan. 16, 2017 (JP) 2017-578
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 Jan. 16, 2017 (JP) 2017-580
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 Jan. 16, 2017 (JP) 2017-585
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 Jan. 16, 2017 (JP) 2017-587

(58) Field of Classification Search

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

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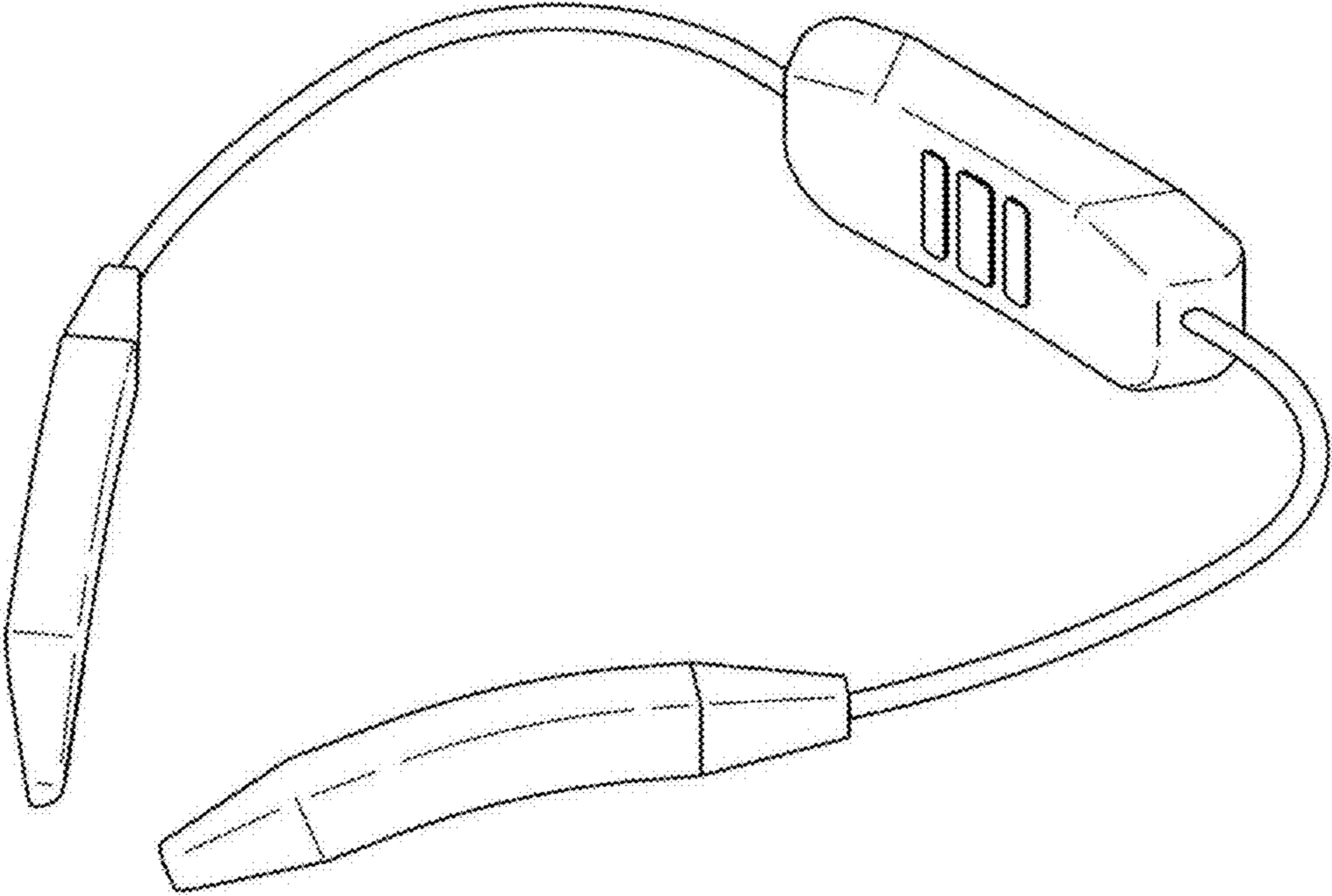
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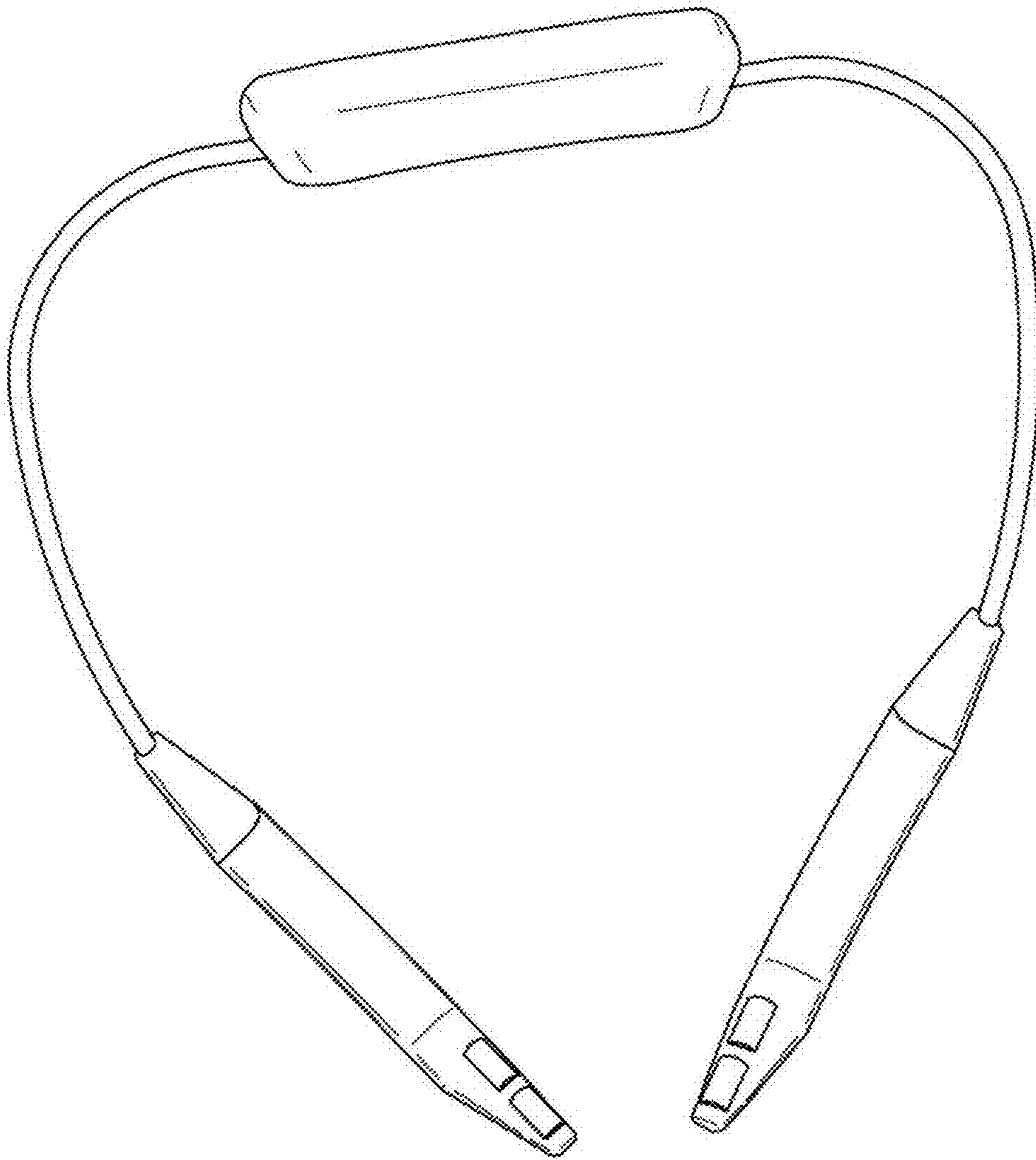
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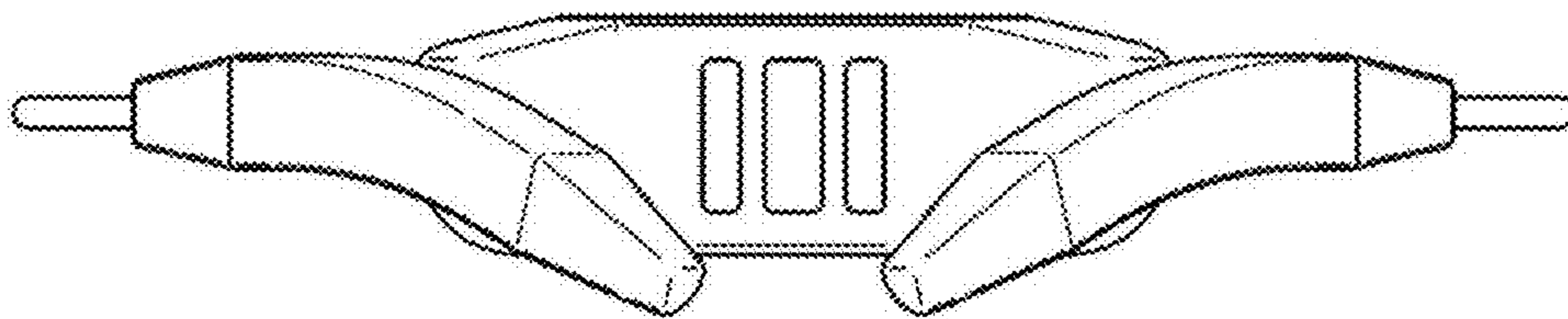
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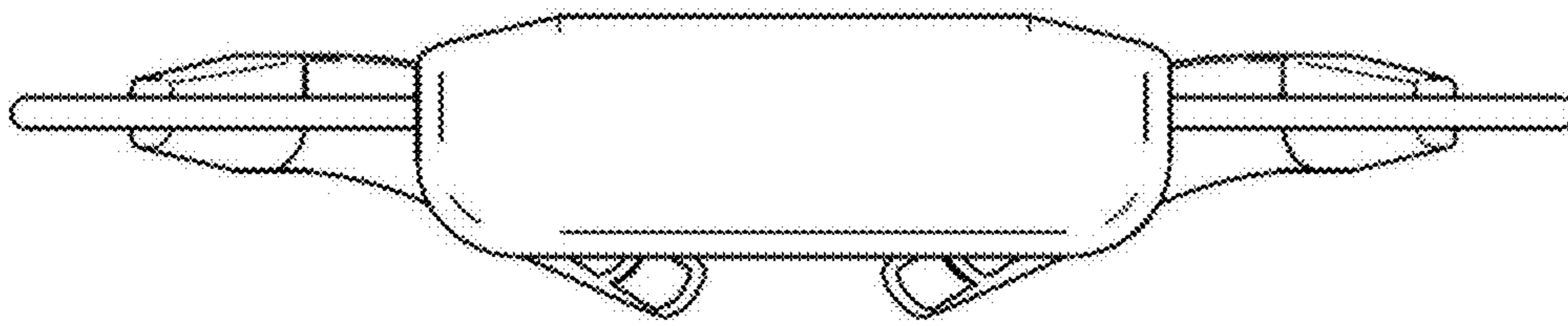
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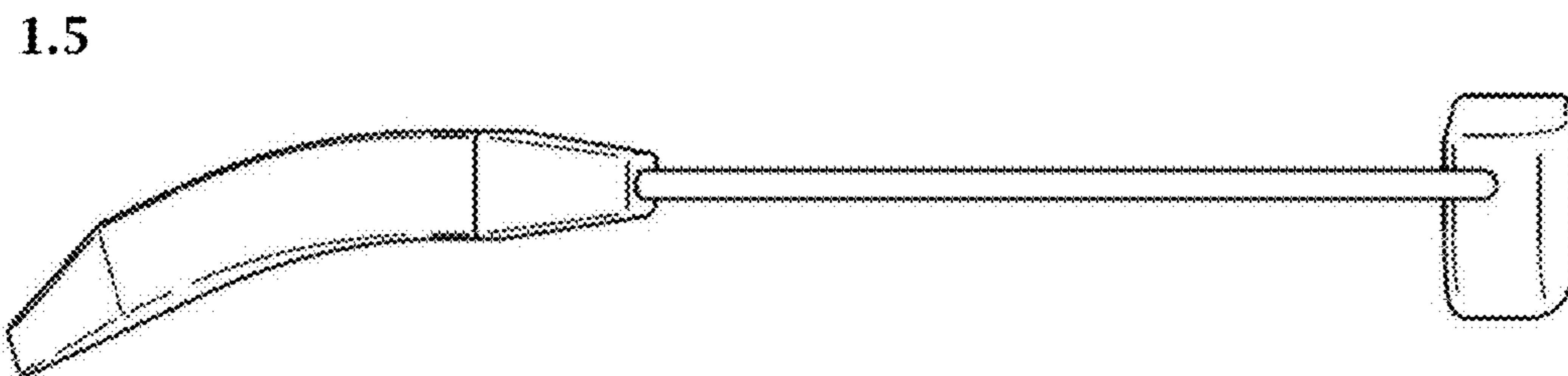


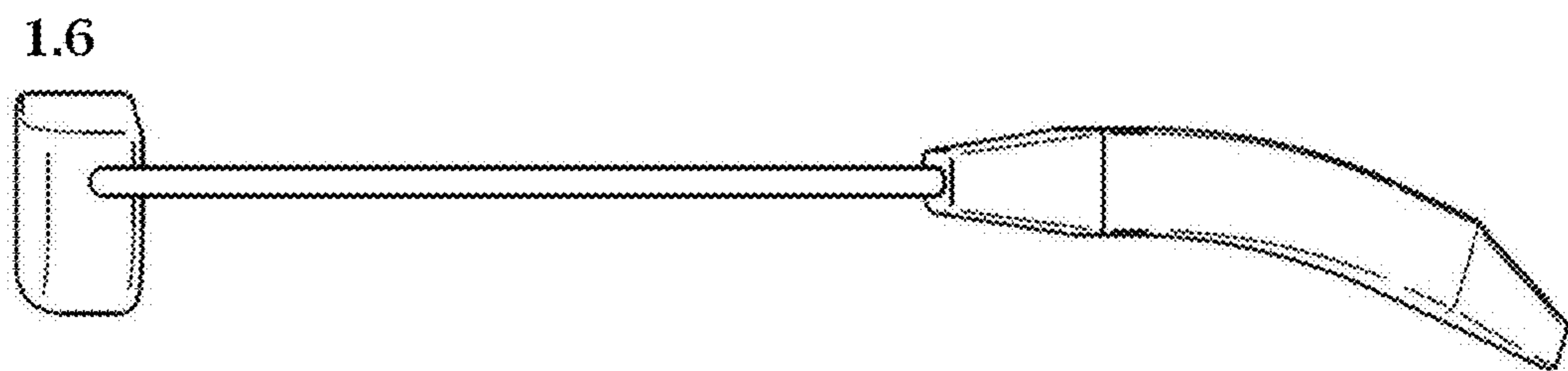
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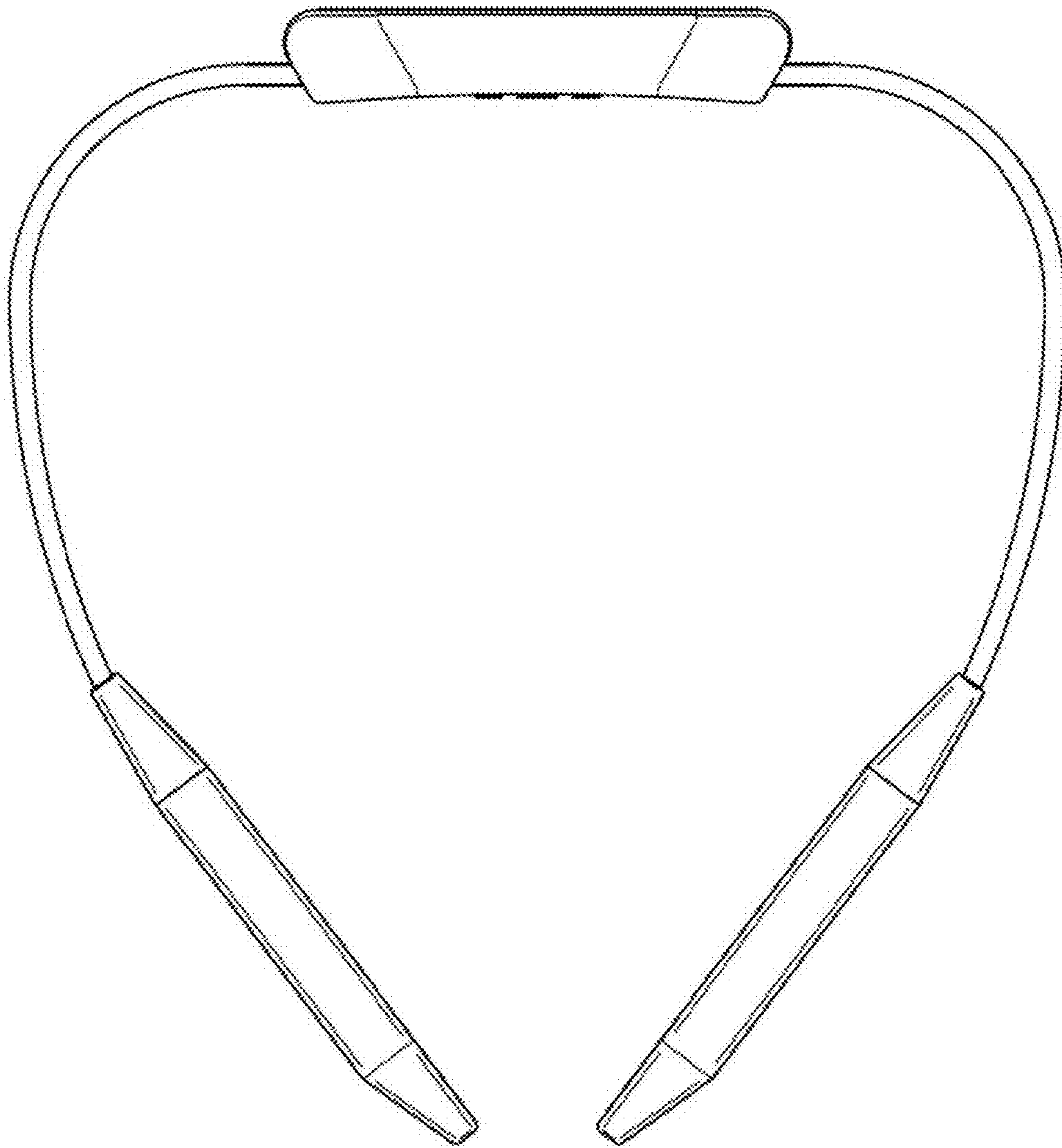
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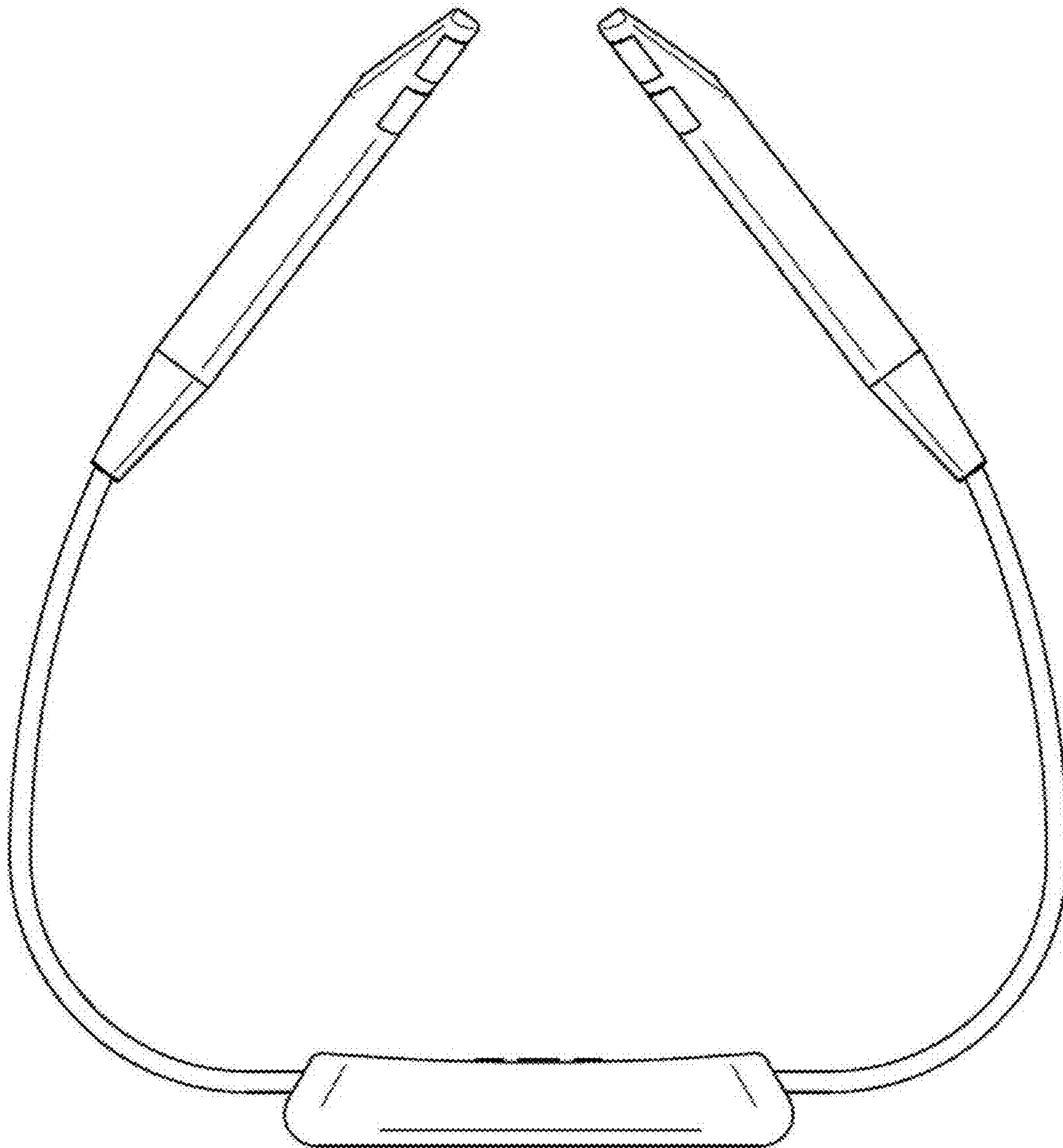


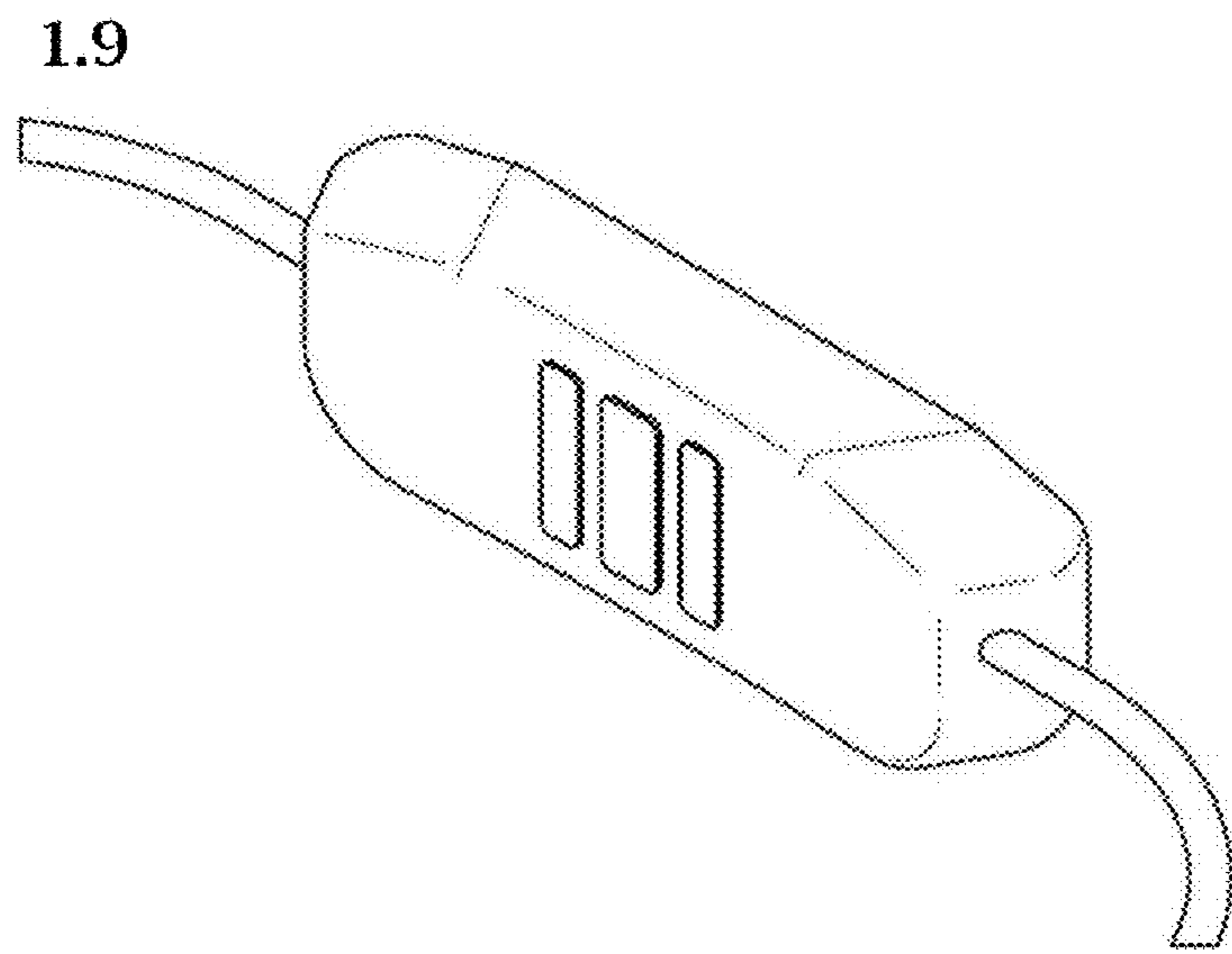


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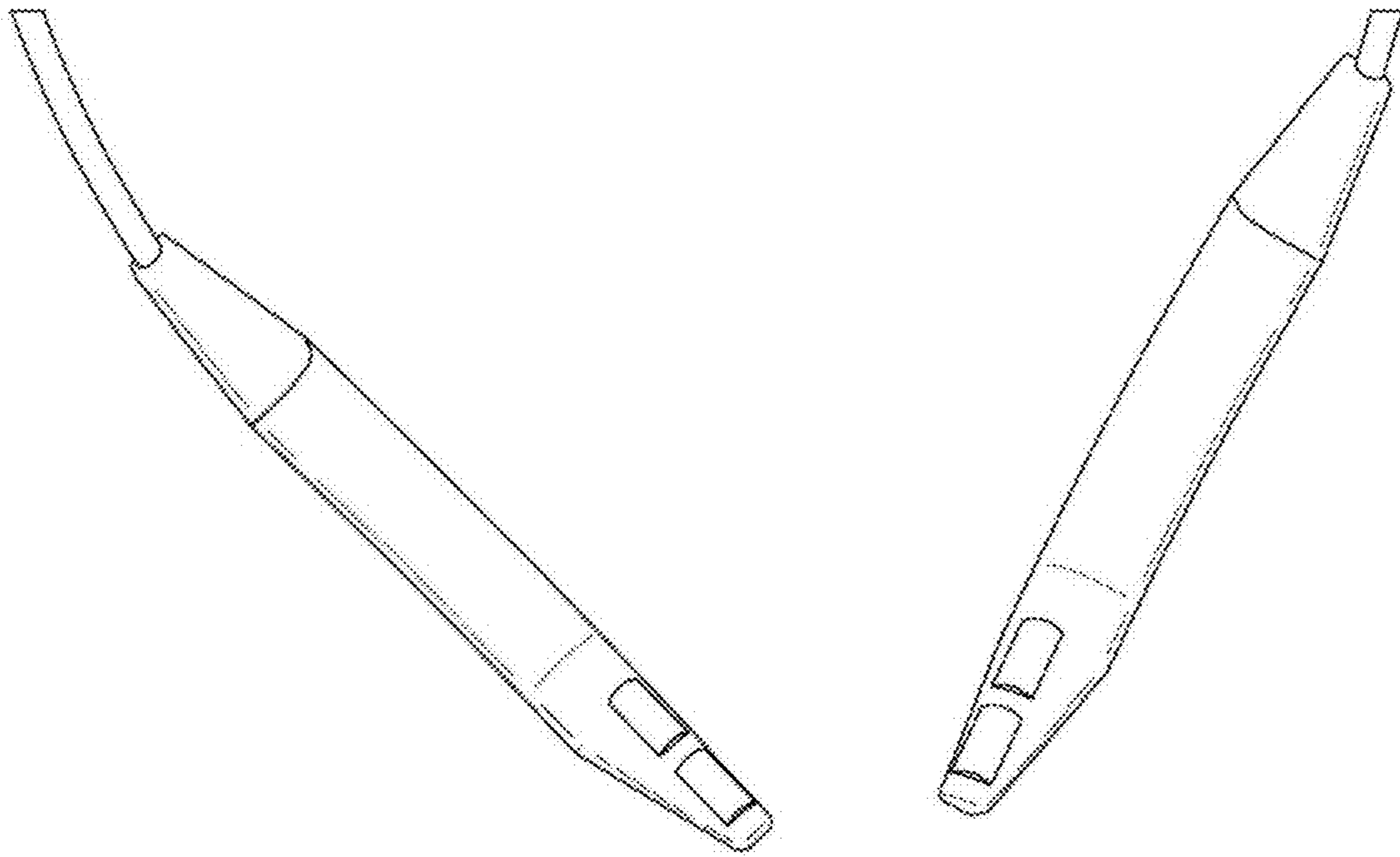


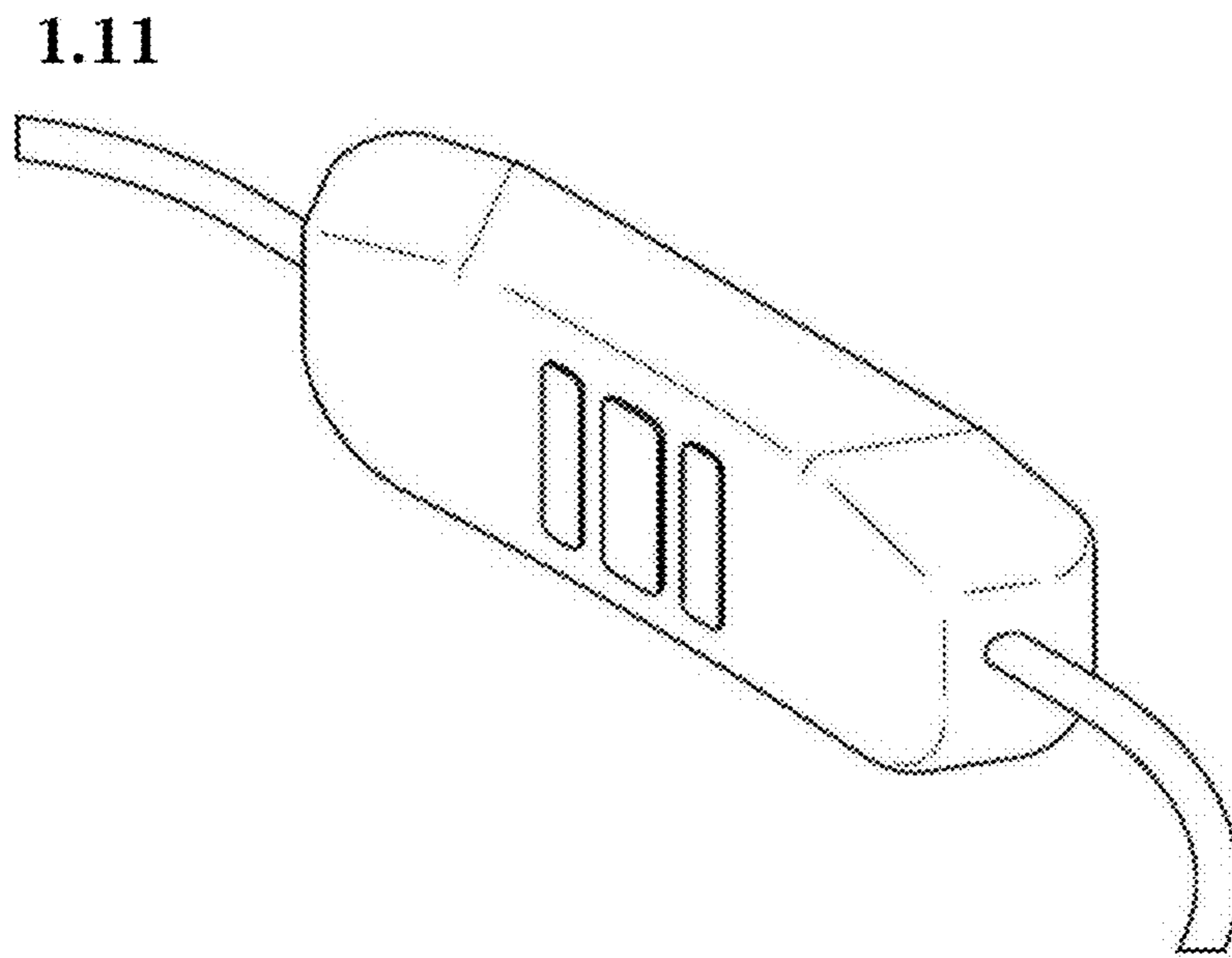
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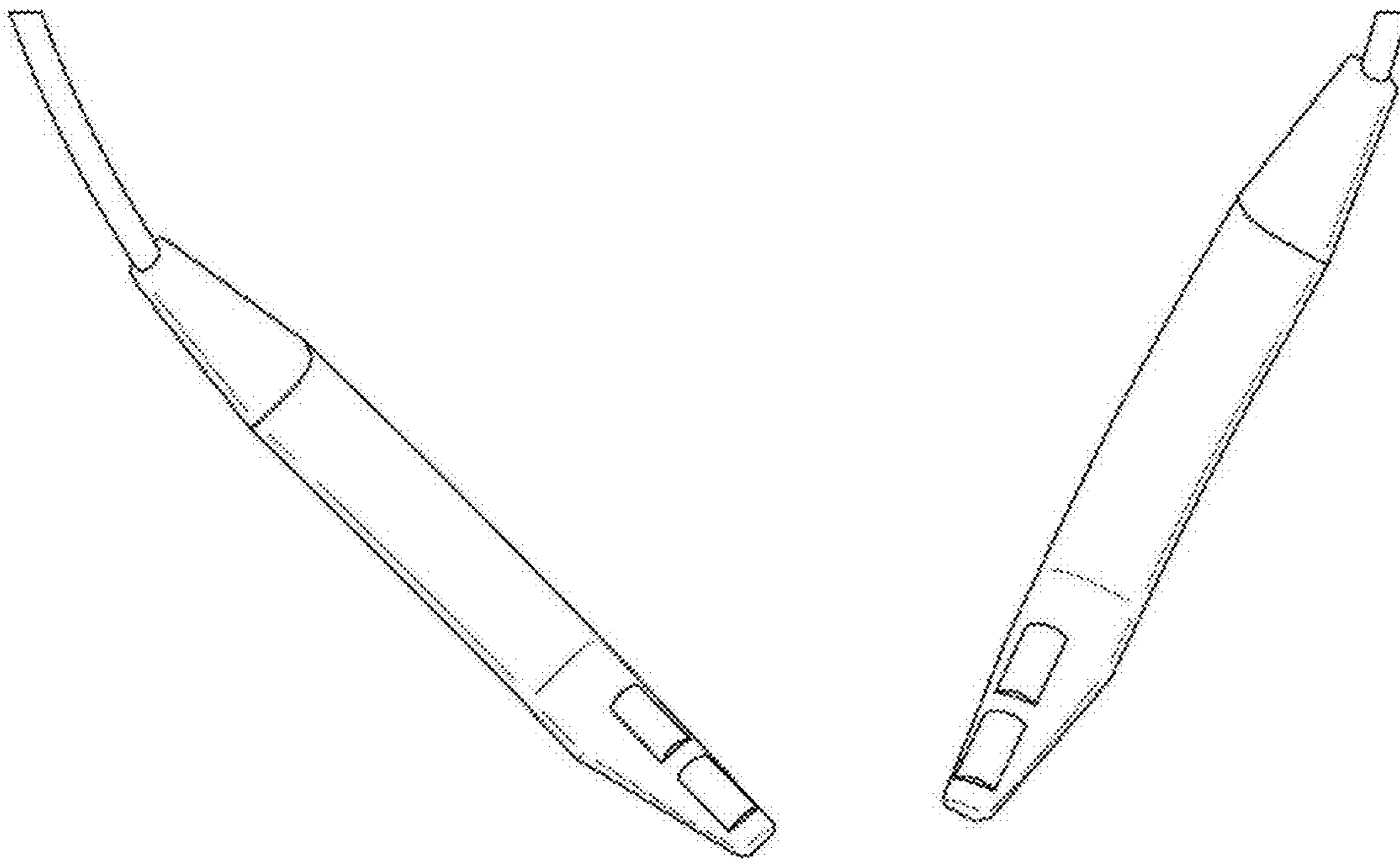


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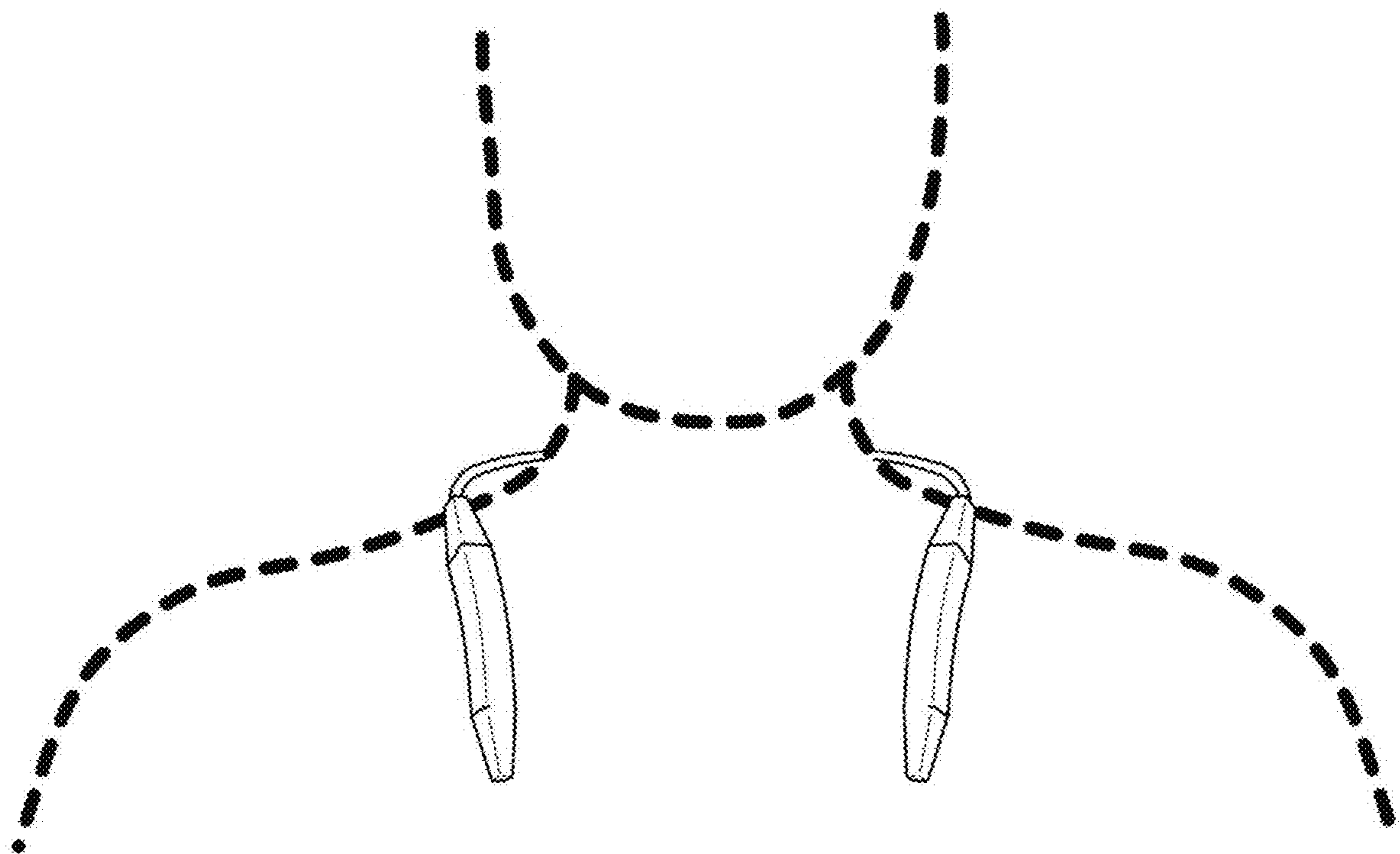




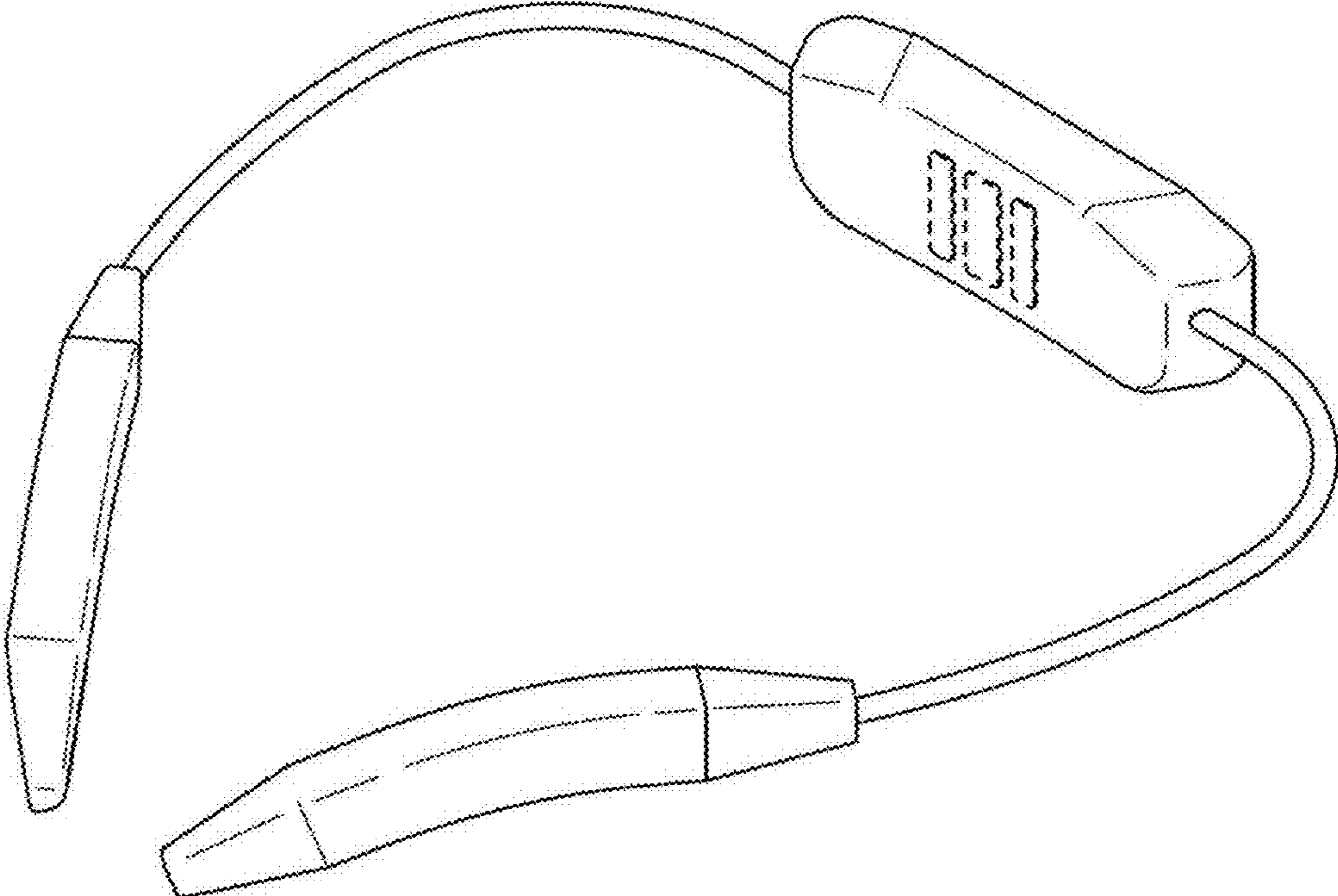
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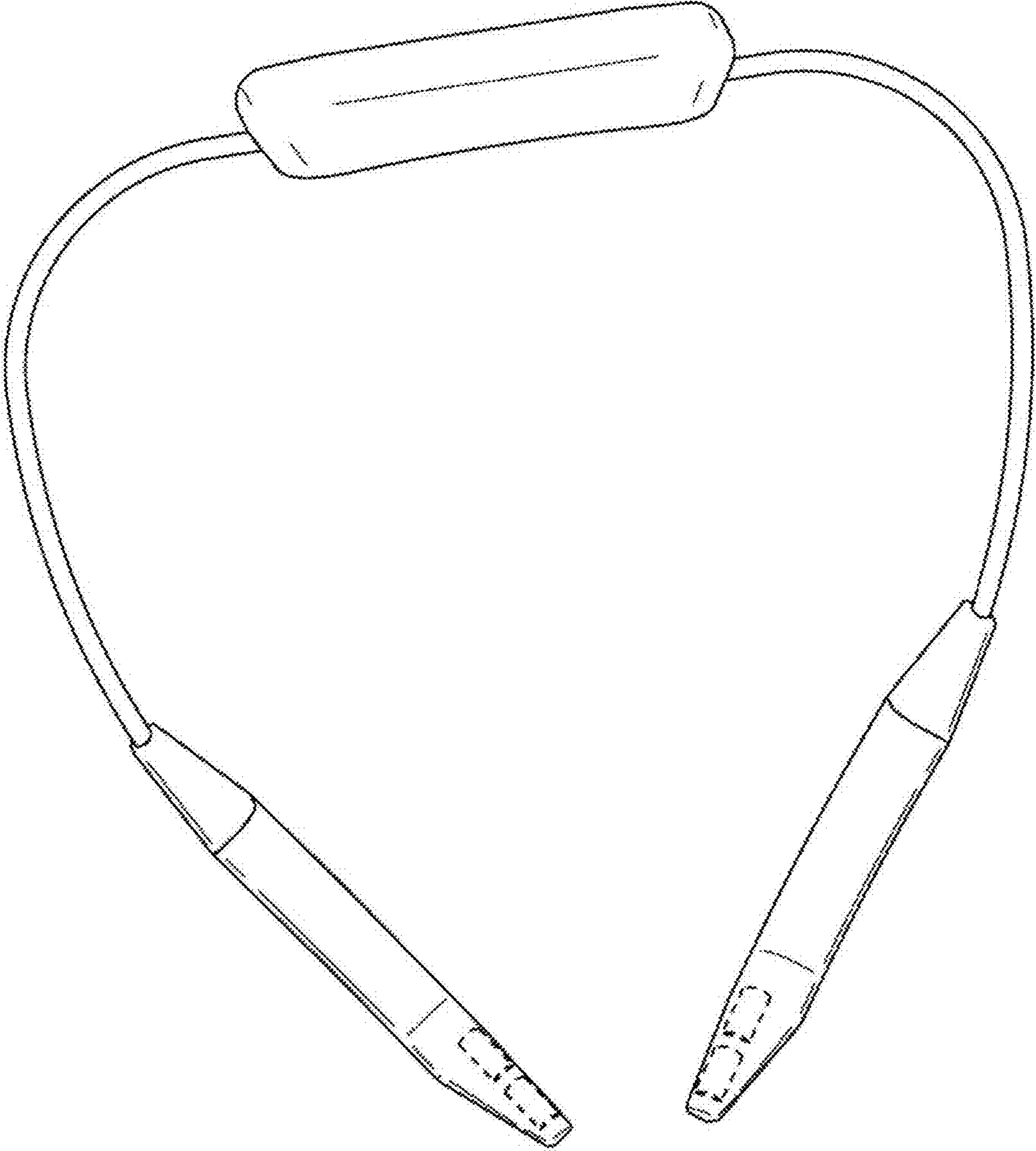
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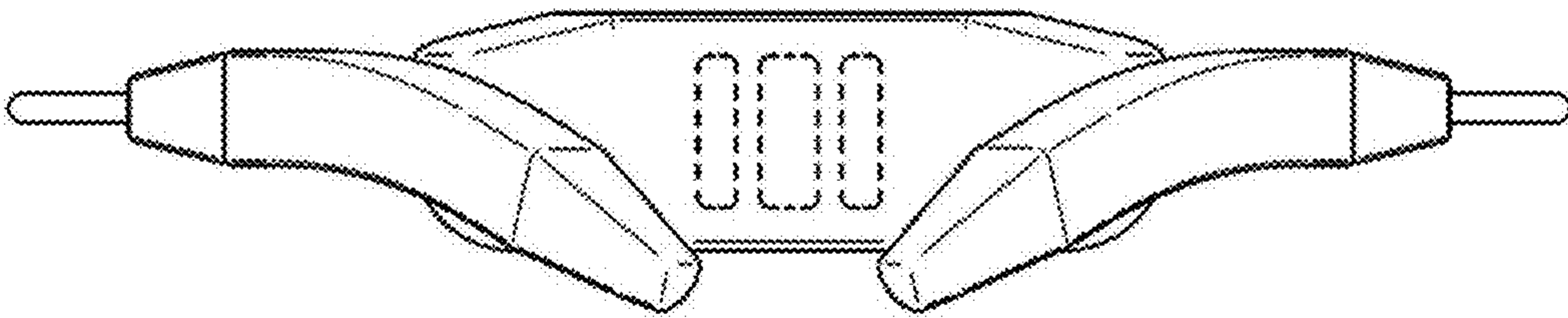
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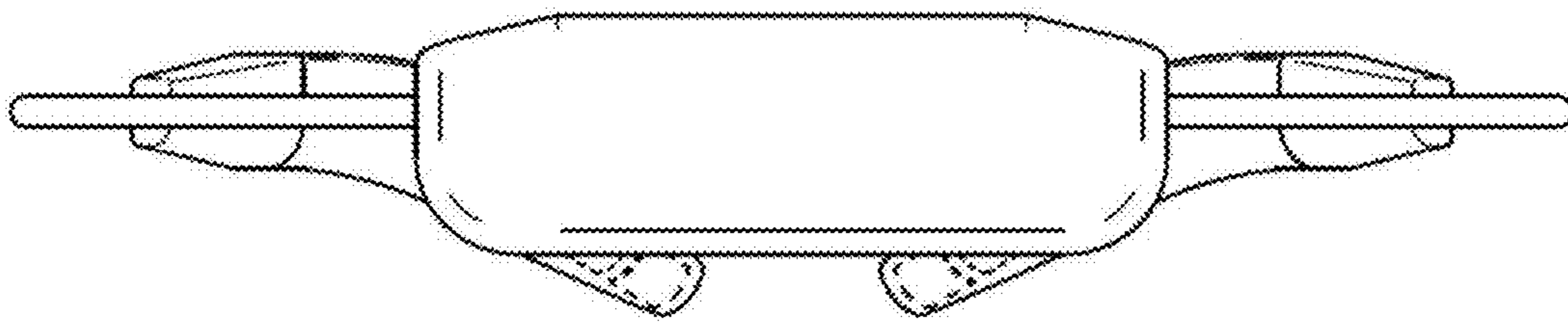
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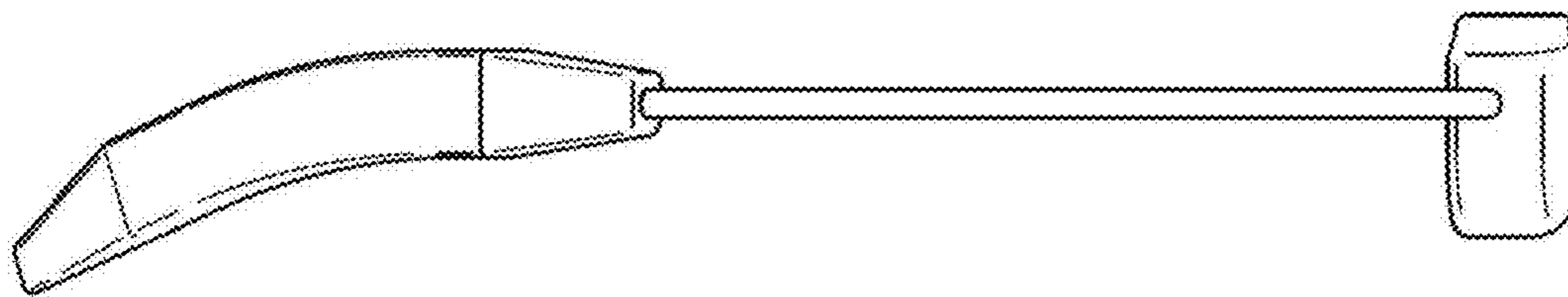
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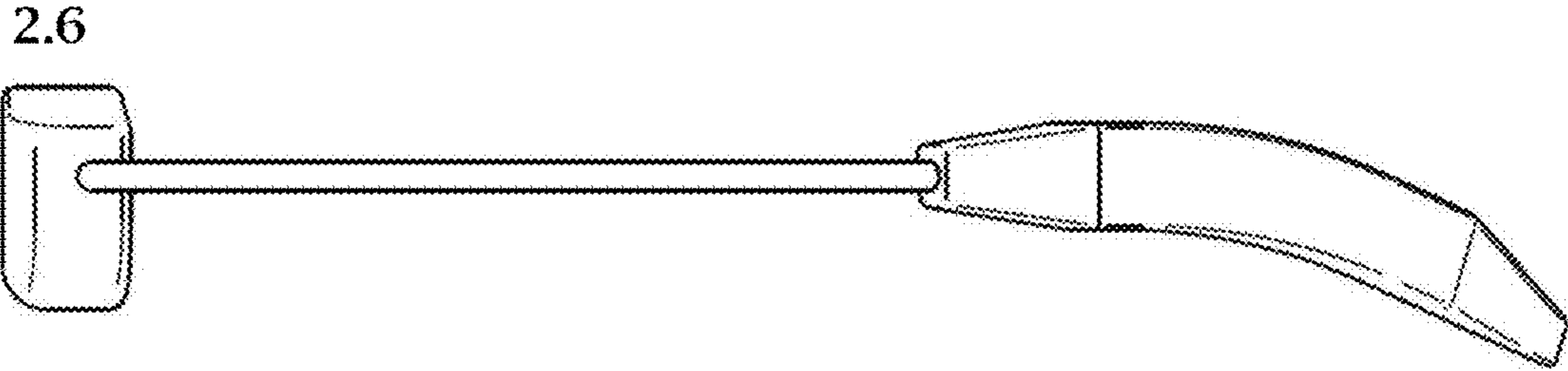


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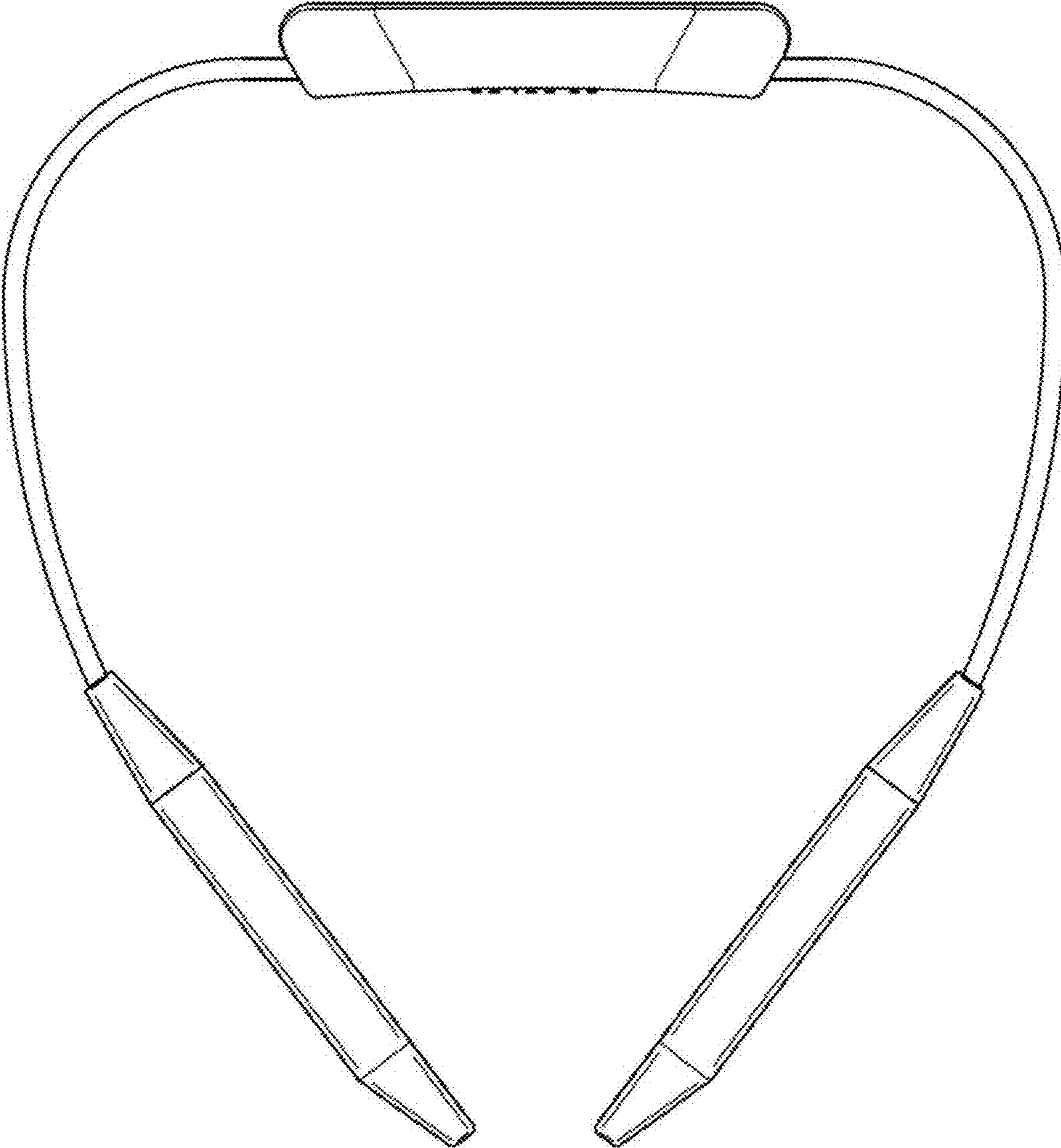


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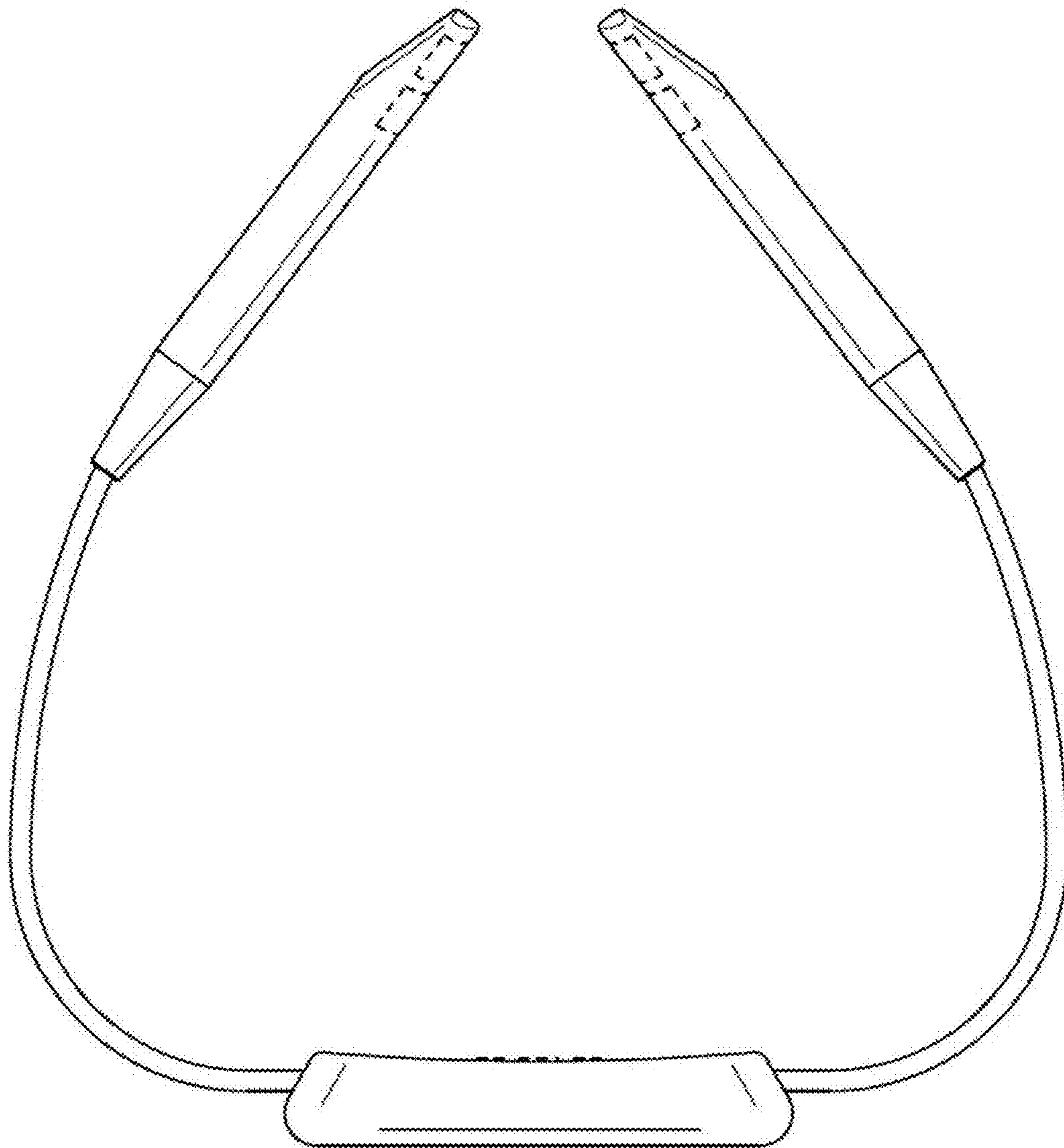


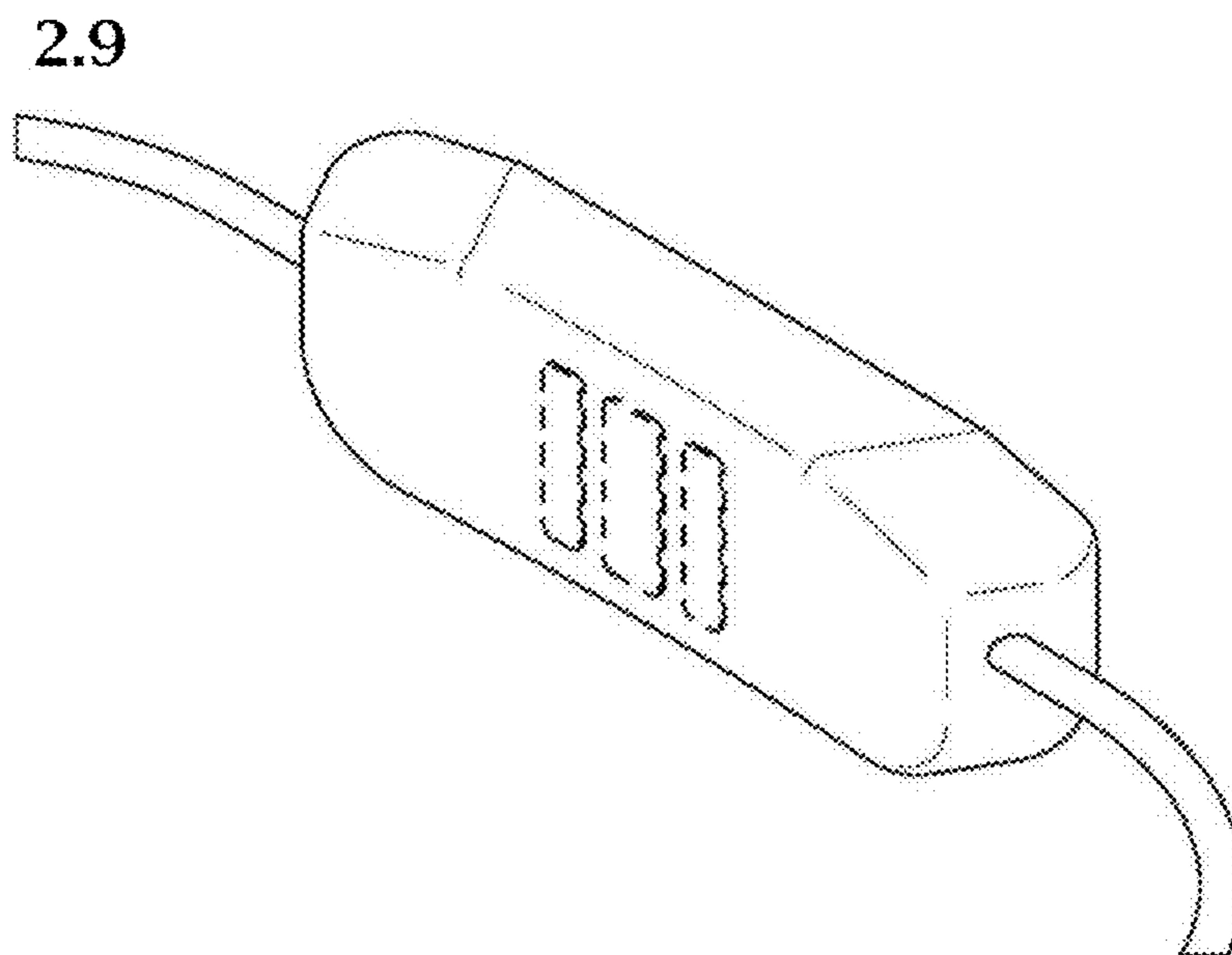


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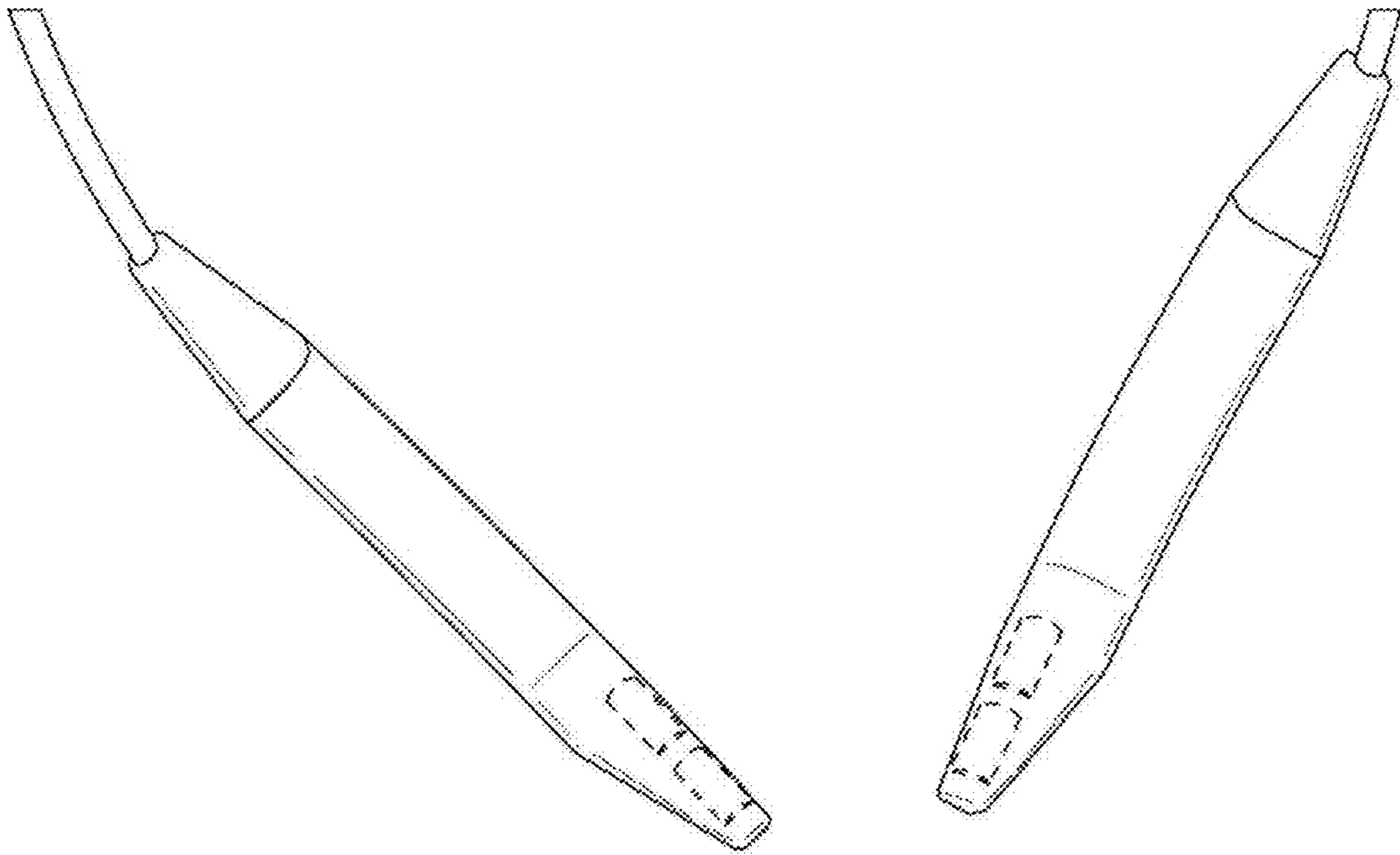


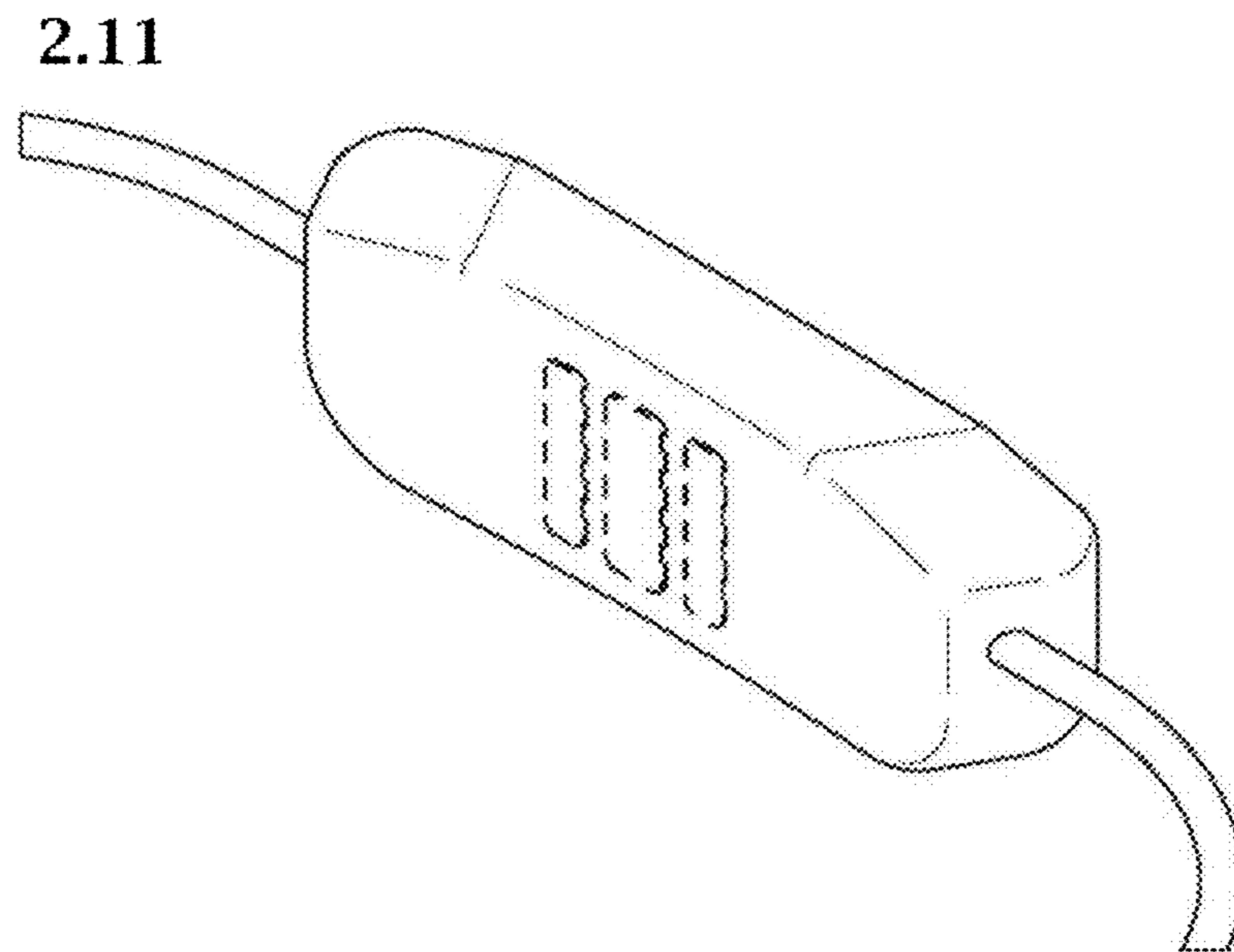
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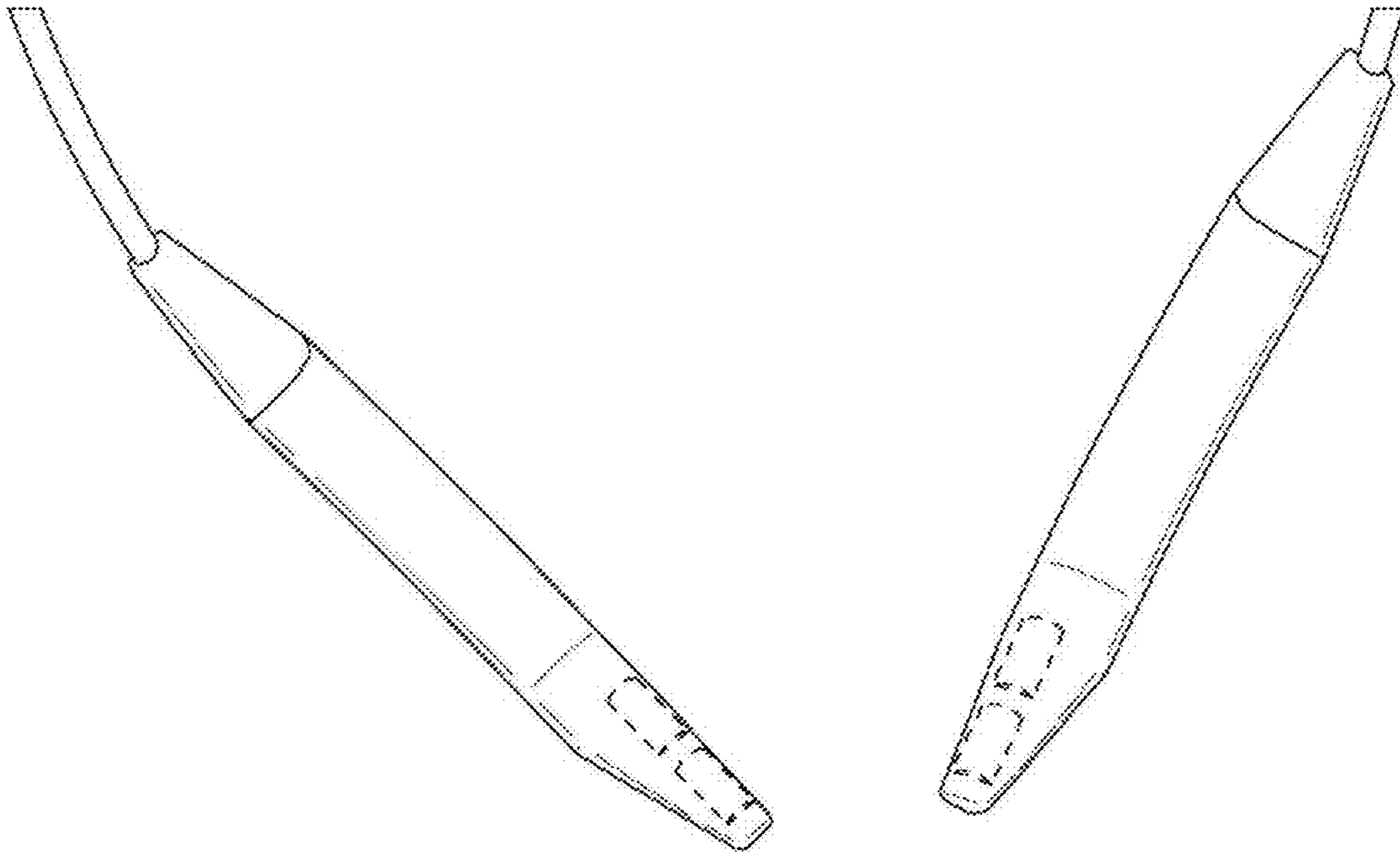


2.10





2.12



2.13

