



US00D857209S

(12) **United States Design Patent** (10) **Patent No.:** **US D857,209 S**  
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(54) **INTRAORAL SURGICAL MOUTH PROP**  
(71) Applicant: **Robinson Healthcare Limited**,  
Carlton-in-Lindrick Worksop (GB)  
(72) Inventor: **Ralph Paul Day**, Carlton in Lindrick  
Worksop (GB)  
(73) Assignee: **ROBINSON HEALTHCARE**  
**LIMITED**, Carlton-in-Lindrick  
Worksop (GB)  
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(52) **U.S. Cl.**  
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(58) **Field of Classification Search**  
USPC ..... D24/133, 135, 136, 140, 143, 150, 152,  
D24/171, 172, 176, 231, 180, 181;  
D8/47, 48, 82, 83, 88, 89  
(Continued)

(56) **References Cited**  
**U.S. PATENT DOCUMENTS**  
D296,470 S \* 6/1988 Leopoldi ..... D24/133  
5,466,153 A 11/1995 Poindexter  
(Continued)

**FOREIGN PATENT DOCUMENTS**  
WO 97/18002 5/1997

**OTHER PUBLICATIONS**  
Oral Mouth Prop \_ E-Prop, as archived by the wayback machine on  
May 10, 2016 , [online], [site visited Oct. 23, 2018]. Retrieved from  
url:https://web.archive.org/web/20160510082324/http://www.  
medicalsearch.com.au:80/oral-mouth-prop-e-prop/p/129229 (Year:  
2016).\*

(Continued)

*Primary Examiner* — Jeffrey D Asch  
*Assistant Examiner* — Tracey J Bell  
(74) *Attorney, Agent, or Firm* — Mark M. Friedman

(57) **CLAIM**

The ornamental design for an intraoral surgical mouth prop,  
as shown and described.

**DESCRIPTION**

FIG. 1 is a right side perspective view of a first embodiment  
of an intraoral surgical mouth prop showing my design;  
FIG. 2 is a left side perspective view of the first embodiment;  
FIG. 3 is a right side view of the first embodiment;  
FIG. 4 is a left side view of the first embodiment;  
FIG. 5 is a front view of the first embodiment;  
FIG. 6 is a rear view of the first embodiment;  
FIG. 7 is a bottom view t of the first embodiment;  
FIG. 8 is a top view of the first embodiment;  
FIG. 9 is a right side perspective view of a second embodi-  
ment of an intraoral surgical mouth prop showing my  
design;  
FIG. 10 is a left side perspective view of the second  
embodiment;  
FIG. 11 is a right side view of the second embodiment;  
FIG. 12 is a left side view of the second embodiment;  
FIG. 13 is a front view of the second embodiment;  
FIG. 14 is a rear view of the second embodiment;  
FIG. 15 is a bottom view the second embodiment;  
FIG. 16 is a top view the second embodiment;  
FIG. 17 is a right side perspective view of a third embodi-  
ment of an intraoral surgical mouth prop showing my  
design;  
FIG. 18 is a left side perspective view of the third embodi-  
ment;  
FIG. 19 is a right side view of the third embodiment;  
FIG. 20 is a left side view of the third embodiment;  
FIG. 21 is a front view of the third embodiment;  
FIG. 22 is a rear view of the third embodiment;  
FIG. 23 is a bottom view of the third embodiment; and,  
FIG. 24 is a top view of the third embodiment.

**1 Claim, 24 Drawing Sheets**



(58) **Field of Classification Search**

CPC . A61B 17/02; A61B 17/0206; A61B 17/0293;  
 A61B 17/0231; A61B 2017/0237; A61B  
 2017/0256; A61B 2017/0268; A61B  
 2017/0275; A61B 1/32; A61M 16/0493;  
 A61M 16/0488

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,655,519 A \* 8/1997 Alfery ..... A61M 16/0488  
 128/200.24  
 D426,883 S \* 6/2000 Berman ..... D24/112  
 6,241,521 B1 \* 6/2001 Garrison ..... A61B 1/24  
 433/140  
 7,066,735 B1 \* 6/2006 Gasporra ..... A61C 5/90  
 433/140  
 D534,650 S \* 1/2007 Inman ..... D24/133  
 D544,955 S \* 6/2007 Carson ..... D24/107  
 D613,404 S \* 4/2010 Sauer ..... D24/133  
 D620,123 S \* 7/2010 Igwebuike ..... D24/189  
 8,573,278 B1 \* 11/2013 Cahilly ..... B65H 35/0026  
 156/577  
 D711,006 S \* 8/2014 Costa ..... D24/189

8,870,568 B1 \* 10/2014 Ream ..... A61C 17/043  
 433/93  
 D746,434 S \* 12/2015 De Donatis ..... D24/107  
 D768,863 S \* 10/2016 Paehl ..... D24/180  
 D782,048 S \* 3/2017 Ritter ..... D24/181  
 2008/0053434 A1 \* 3/2008 Wightman ..... A61B 5/097  
 128/200.26  
 2011/0209715 A1 \* 9/2011 Burdumy ..... A61B 13/00  
 128/861  
 2016/0310234 A1 \* 10/2016 Ritter ..... A61B 1/24  
 2018/0125349 A1 \* 5/2018 Lutz ..... A61B 90/30  
 2018/0132970 A1 \* 5/2018 Ritter ..... A61C 1/088

OTHER PUBLICATIONS

Dental Mouth Prop Bite Block on Amazon, no date available,  
 [online], [site visited Oct. 23, 2018]. Retrieved from url:<https://www.amazon.com/Dental-Cushion-Retractor-Support-mouthpart/dp/B01L6Z4S1Y#customerReviews> (Year: 2018).  
 \*  
 Specialized Care Co., "Open Wide® Reusable Mouth Prop", p. 9,  
 product catalogue, Specialized Care Co. Inc., dated Dec. 2015 at top  
 of p. 2 and bottom corner of pages. Available from: [https://web.archive.org/web/20160309120150if\\_/http://www.specializedcare.com:80/pdfs/SCC-Catalog-Aug-2014LR.pdf](https://web.archive.org/web/20160309120150if_/http://www.specializedcare.com:80/pdfs/SCC-Catalog-Aug-2014LR.pdf), accessed Sep. 20, 2018.

\* cited by examiner

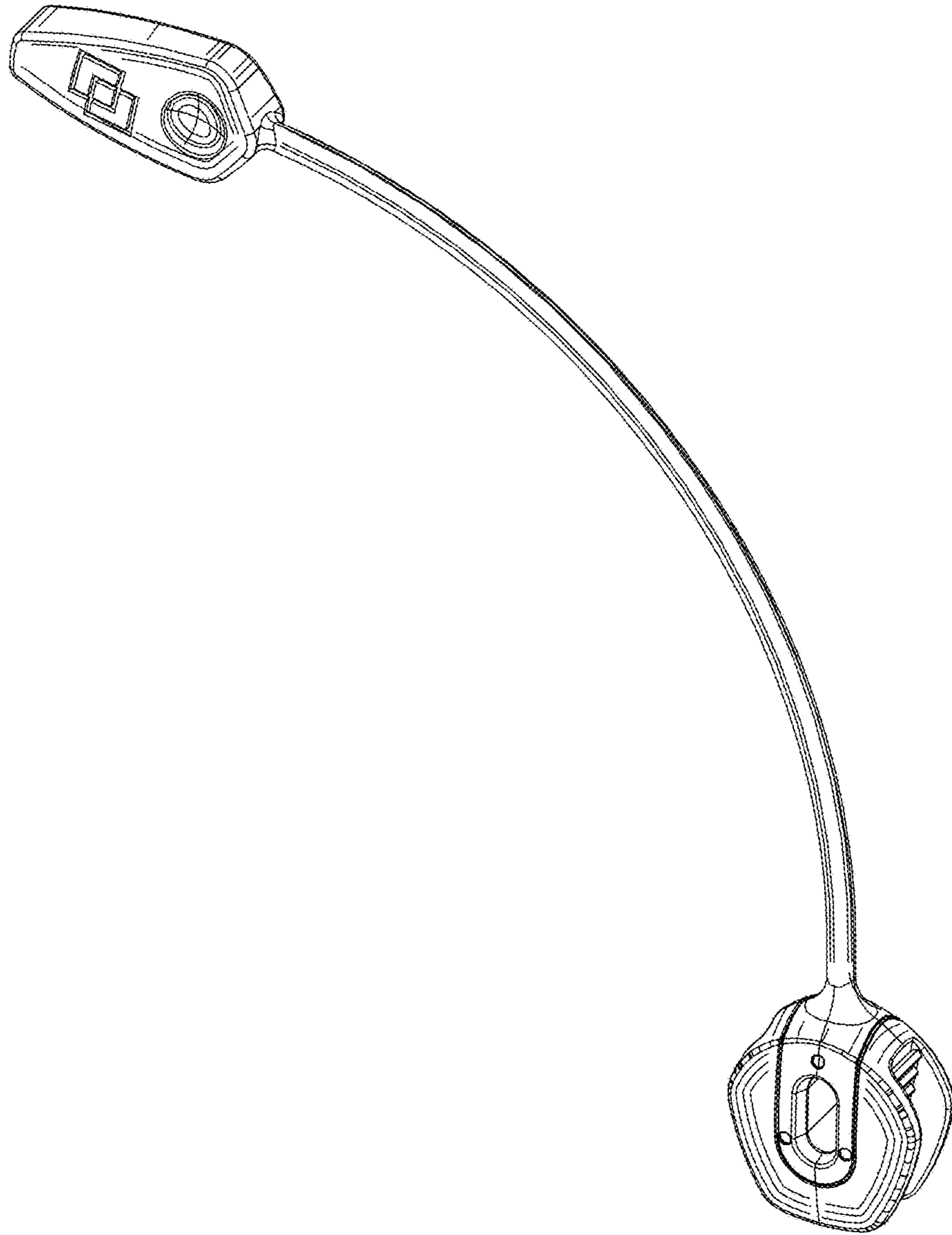


Fig. 1



Fig.2



Fig.3

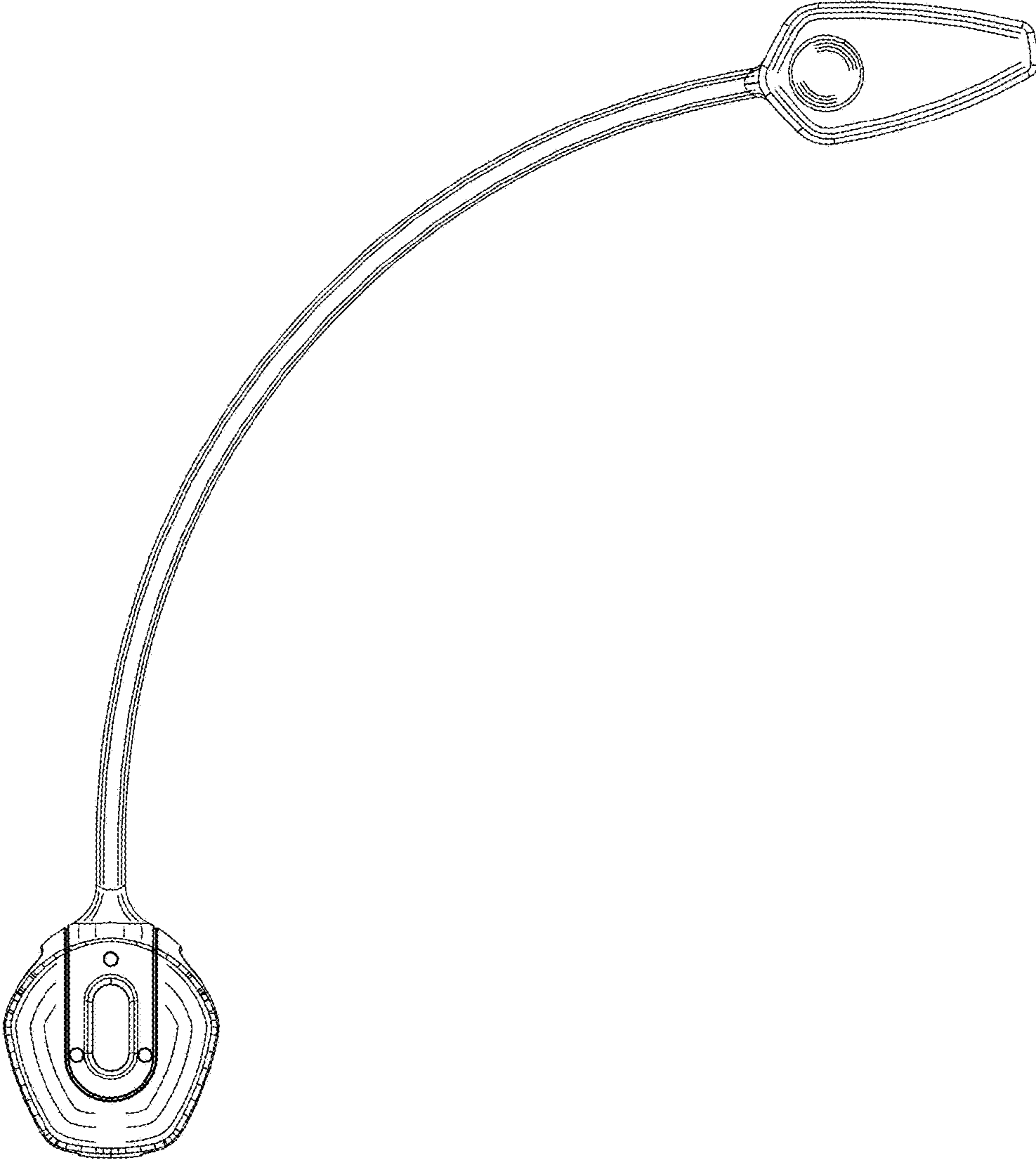


Fig.4

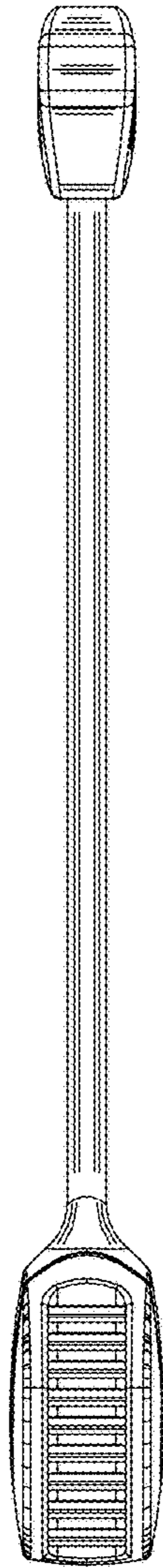


Fig.5

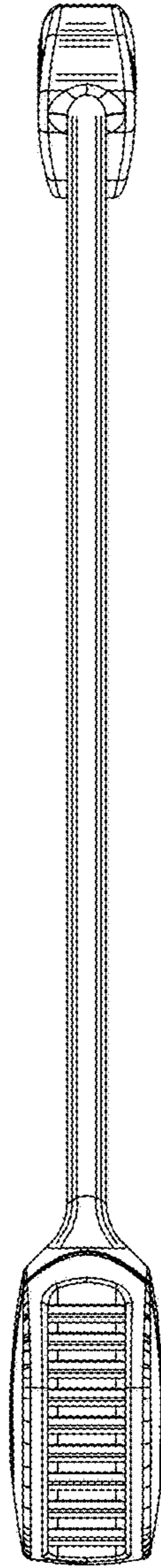


Fig.6



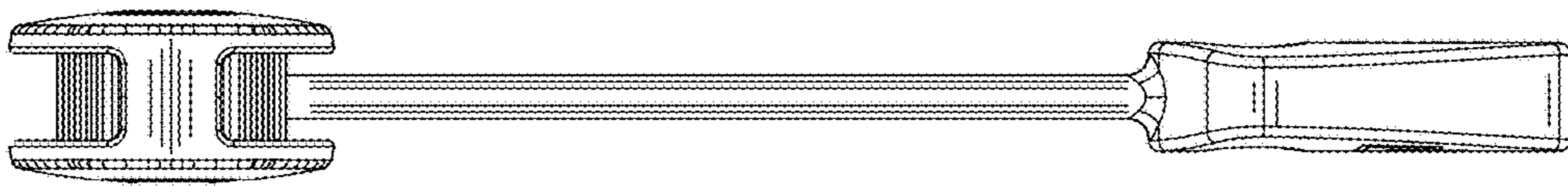


Fig.7

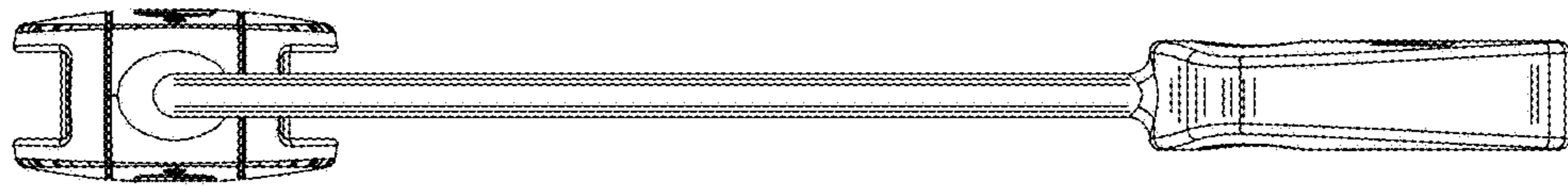


Fig.8

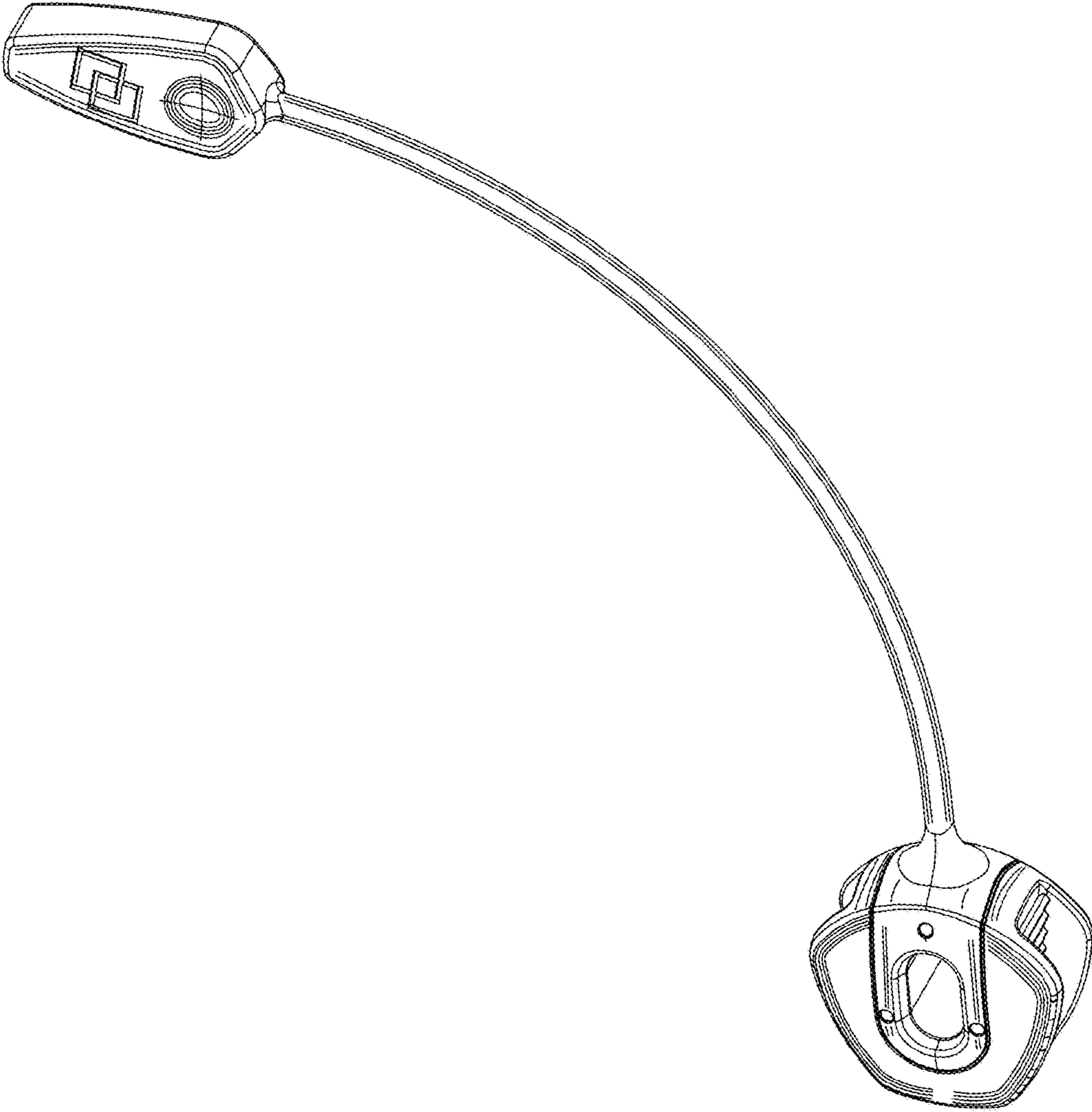


Fig.9

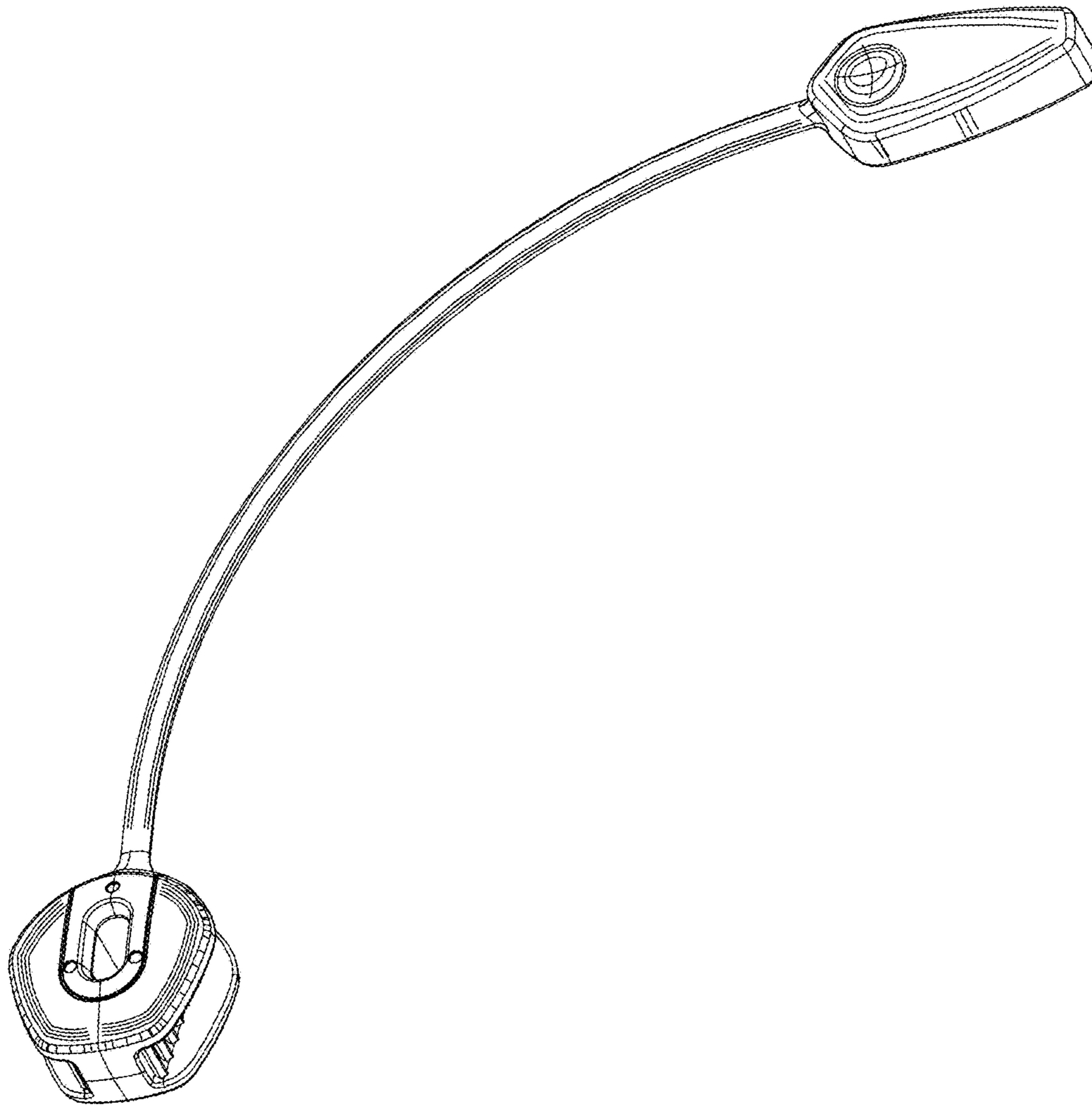


Fig.10

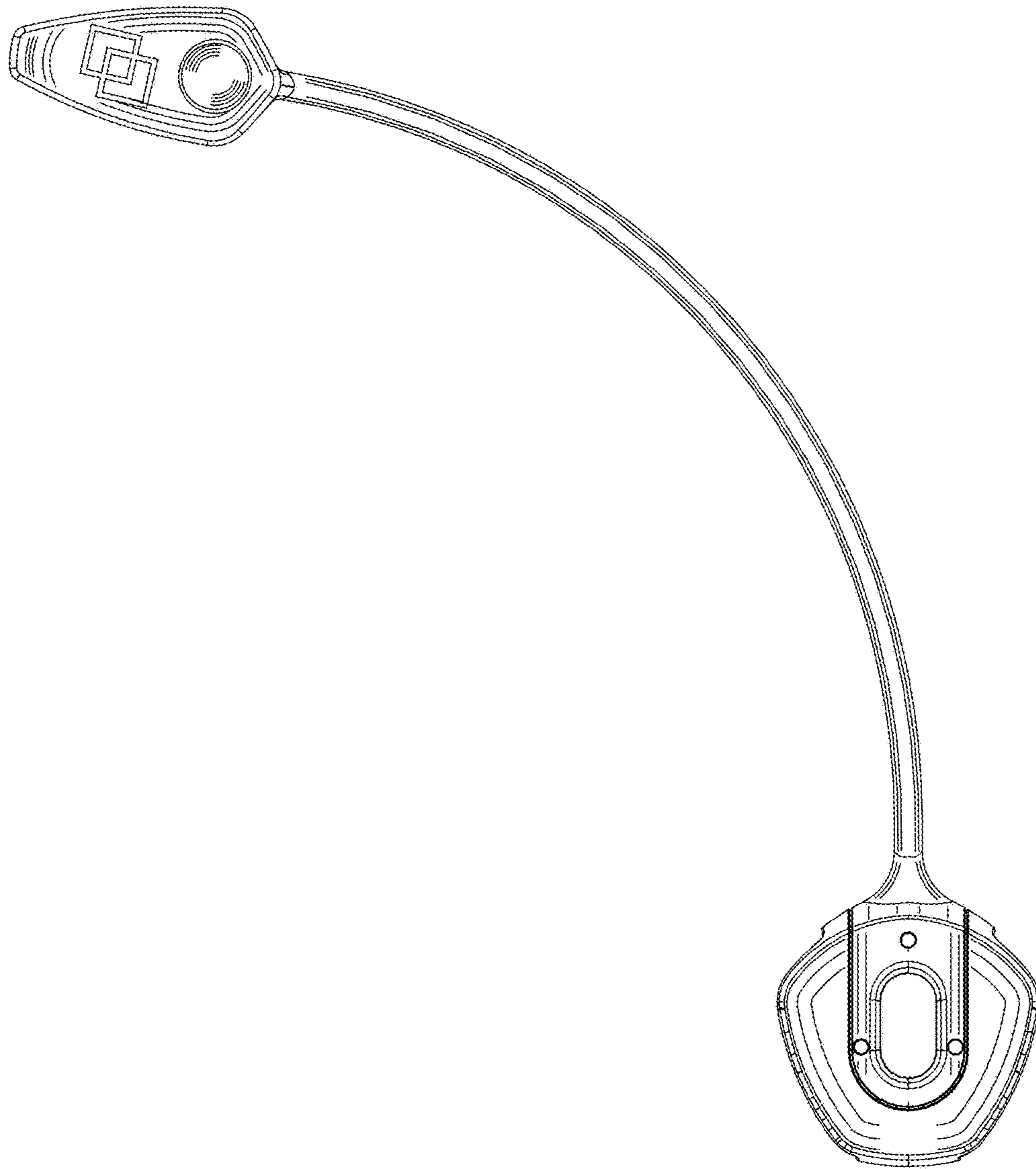


Fig.11

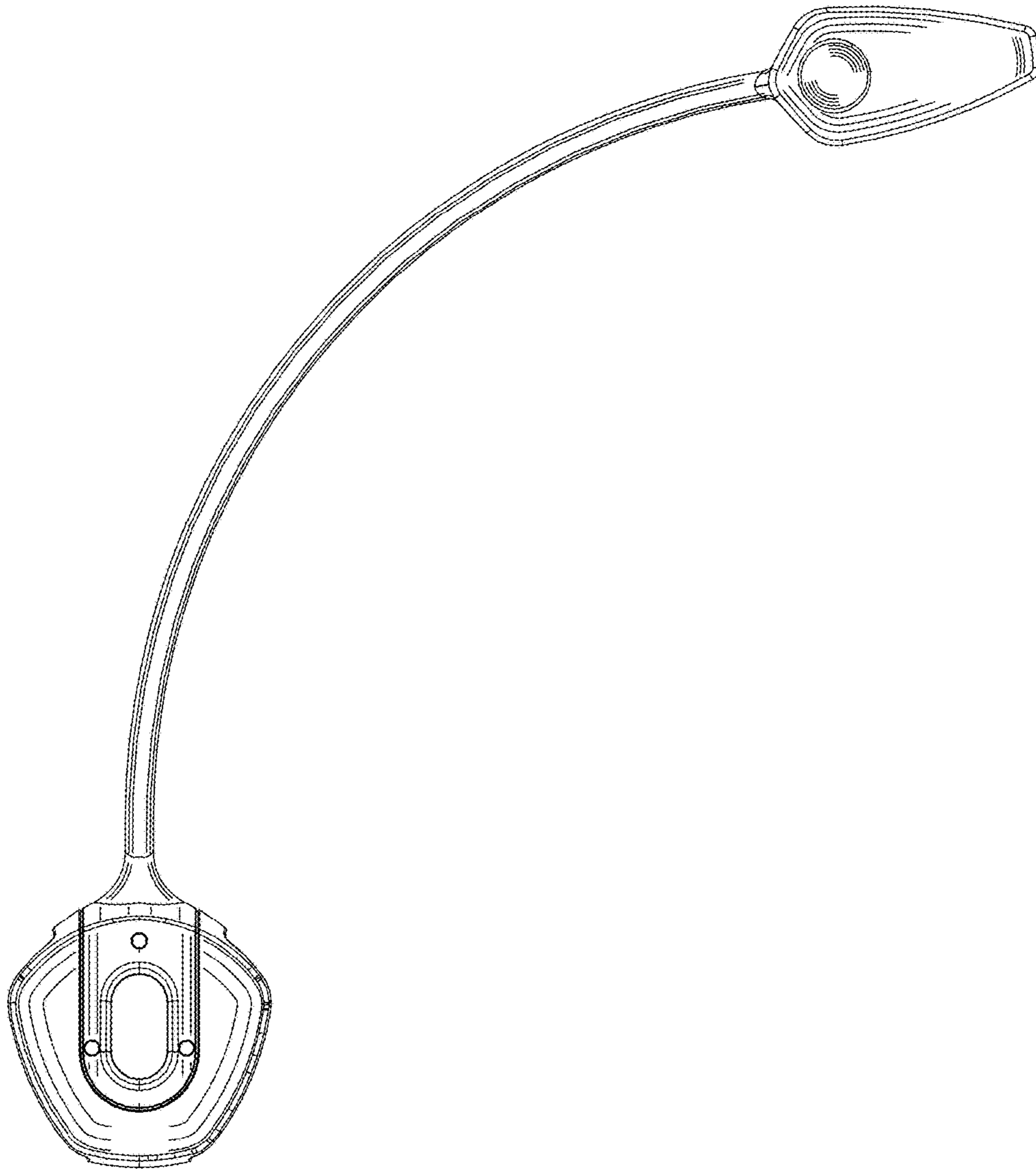


Fig.12

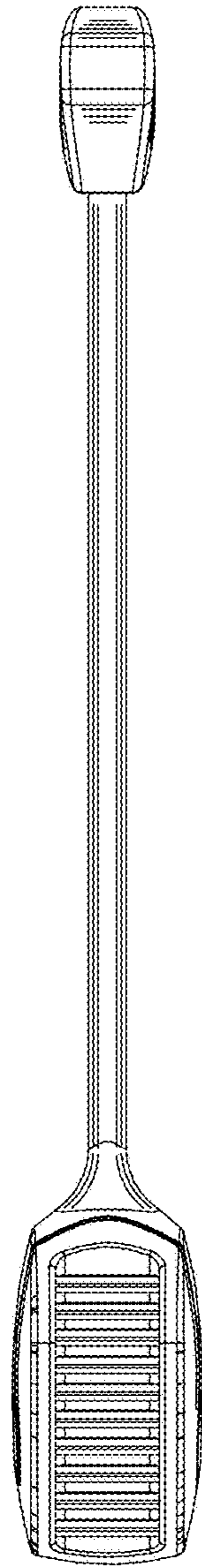


Fig.13

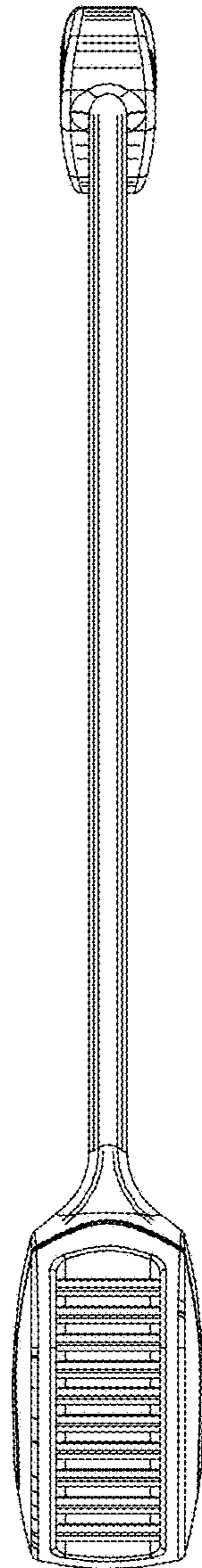


Fig.14



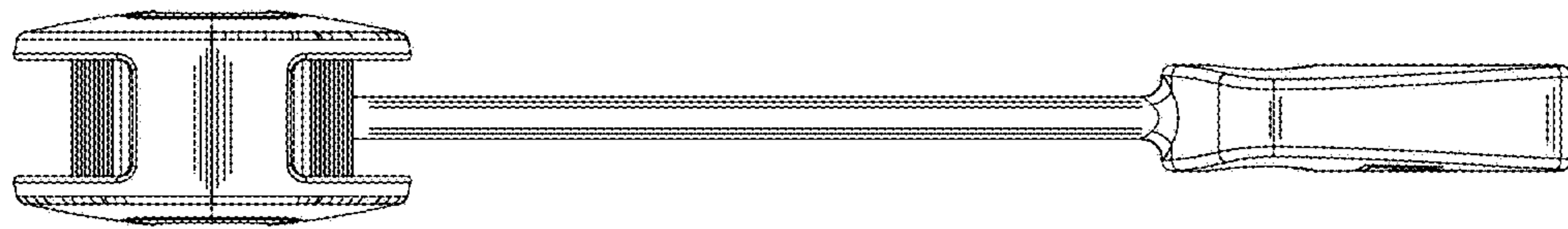


Fig.15

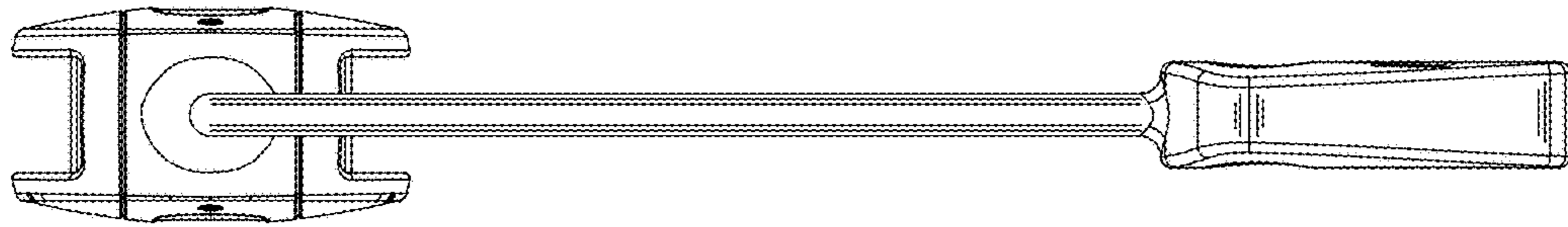


Fig.16

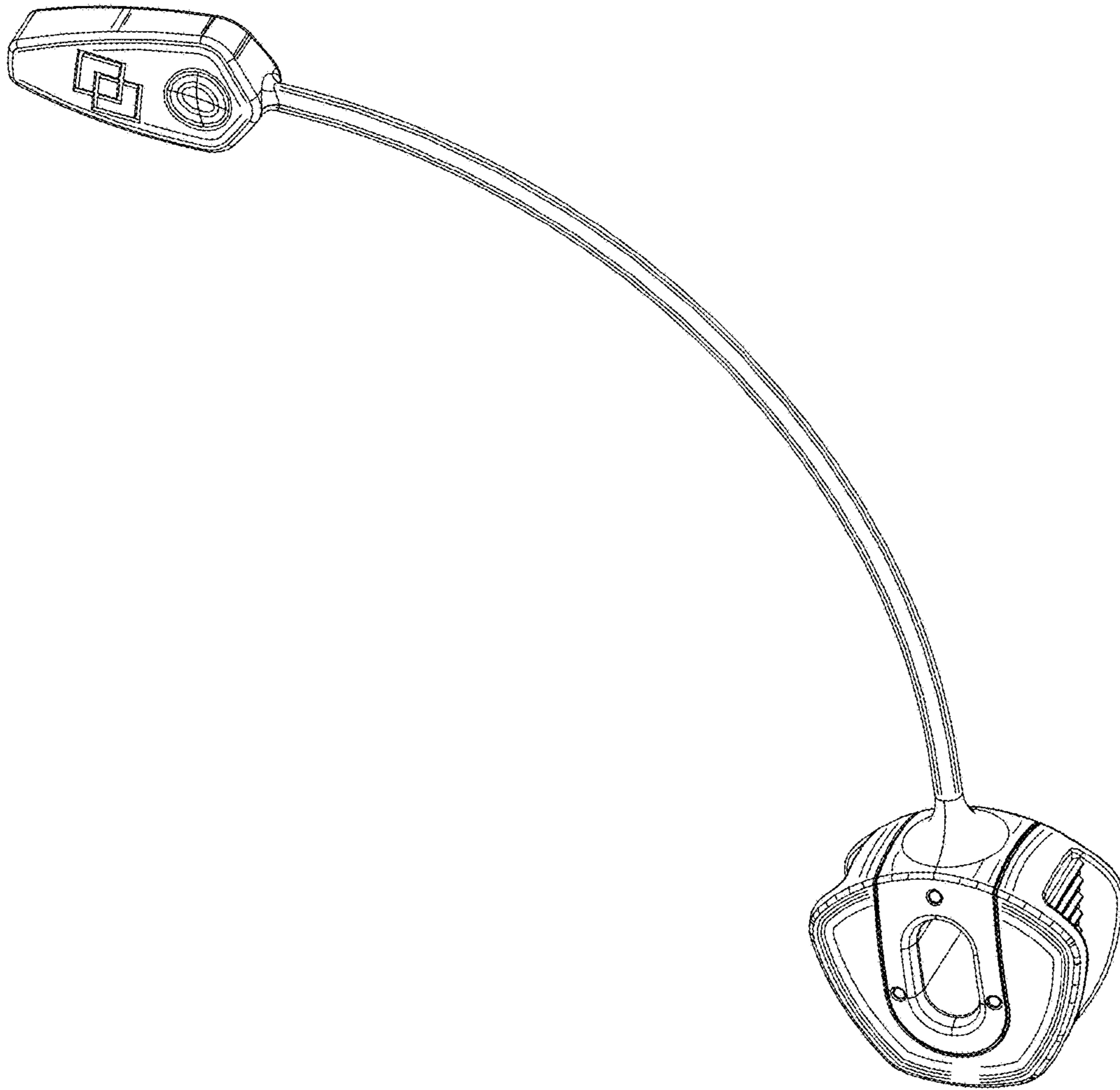


Fig.17

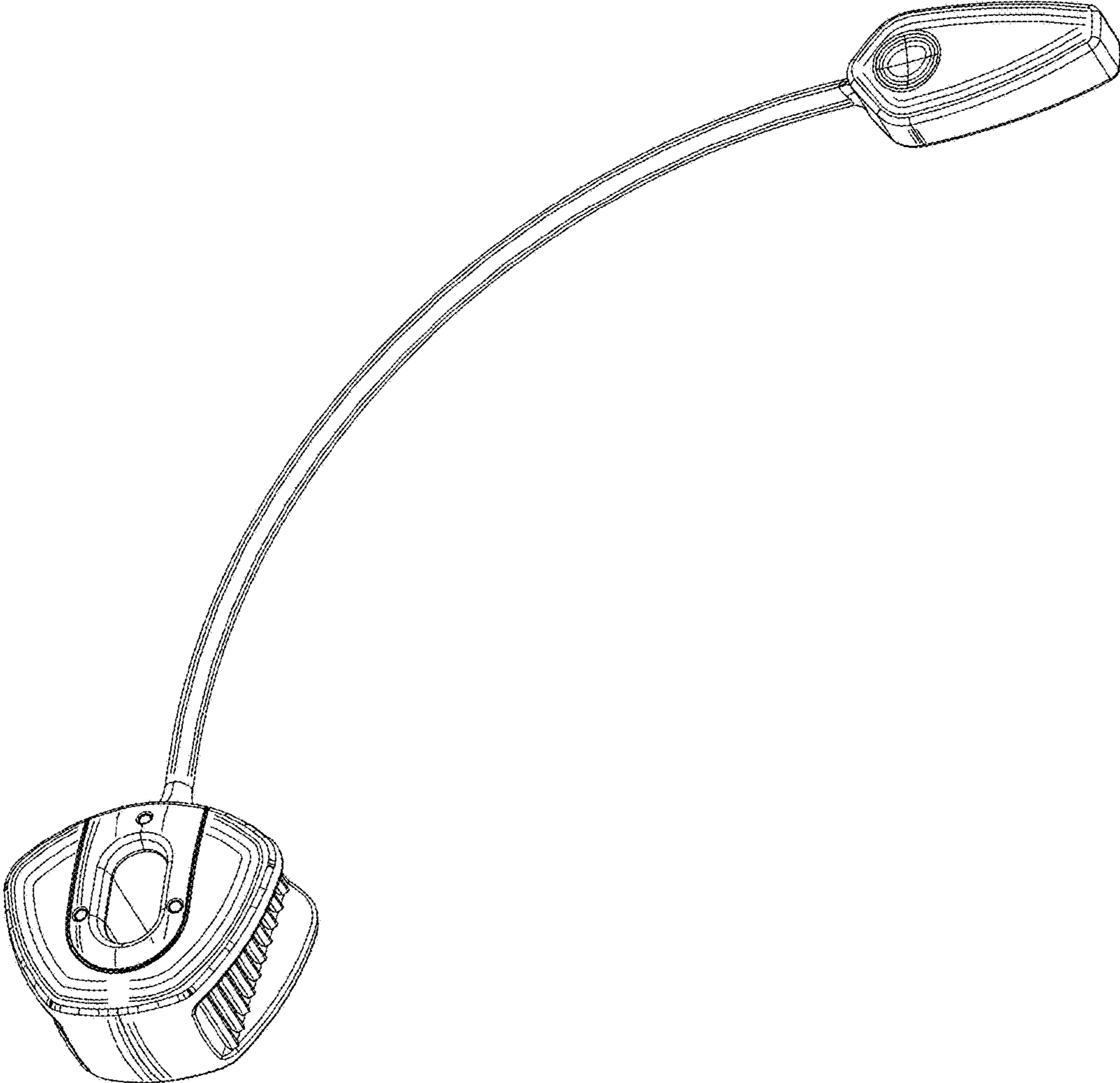


Fig.18

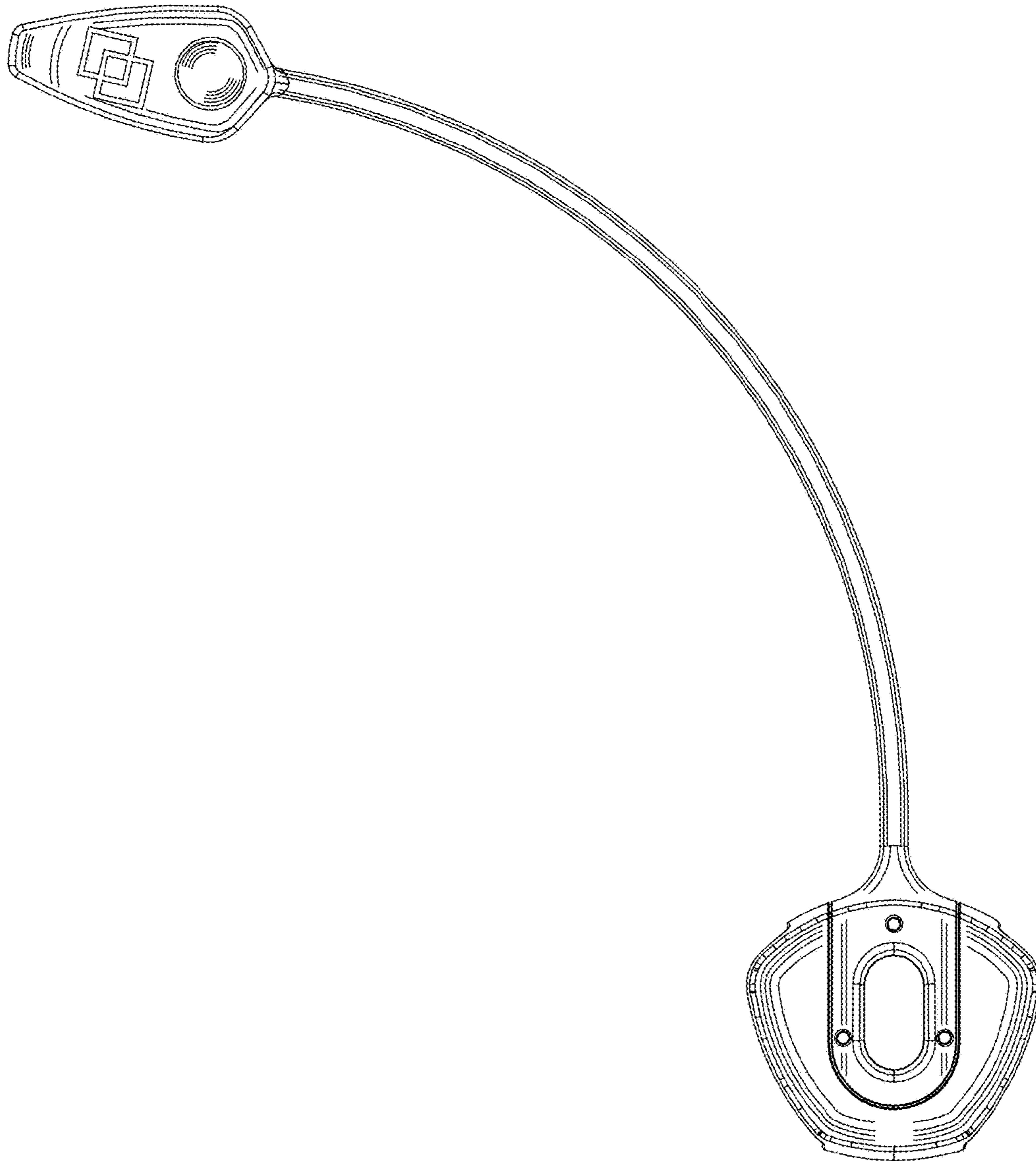


Fig.19

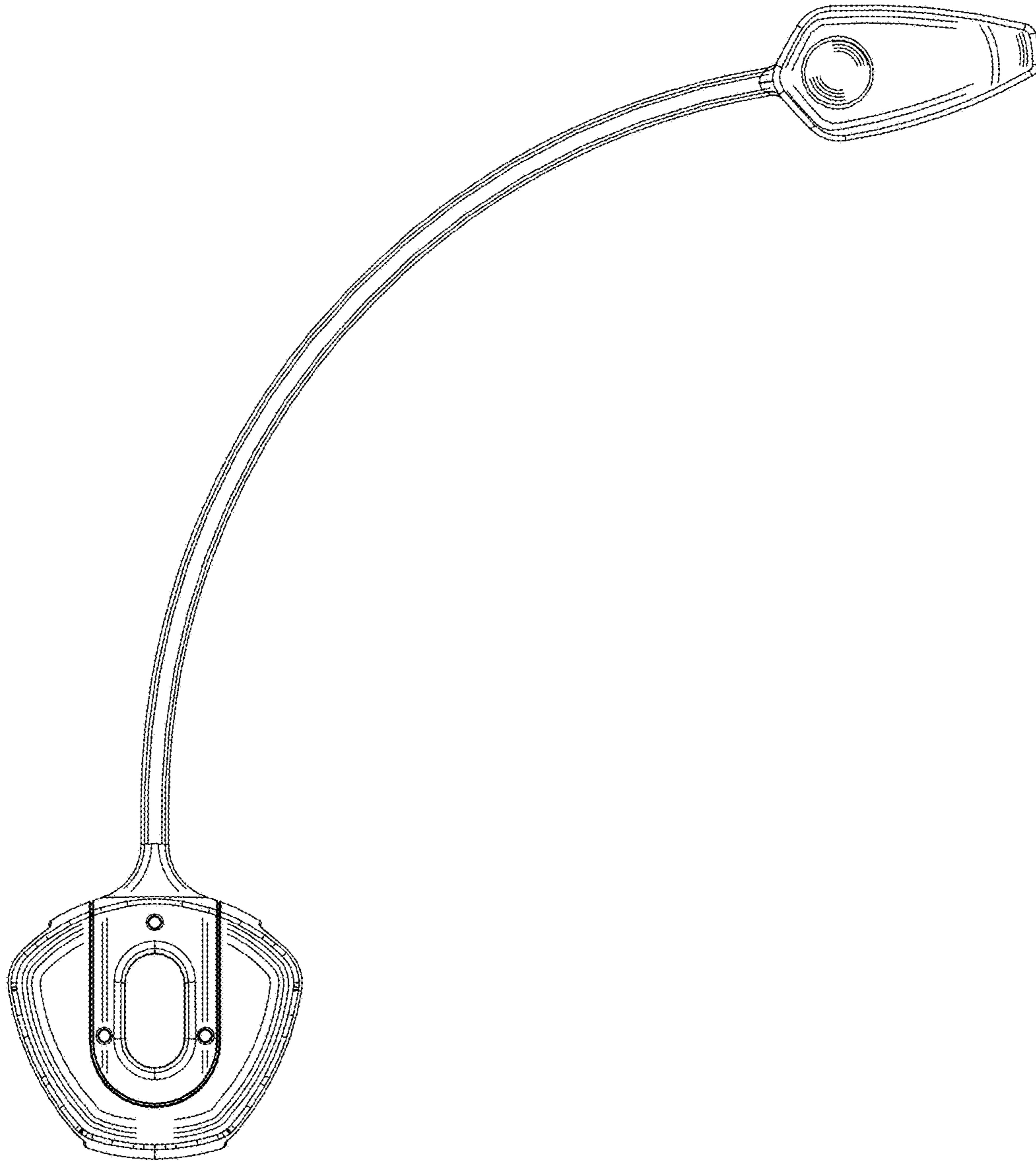


Fig.20

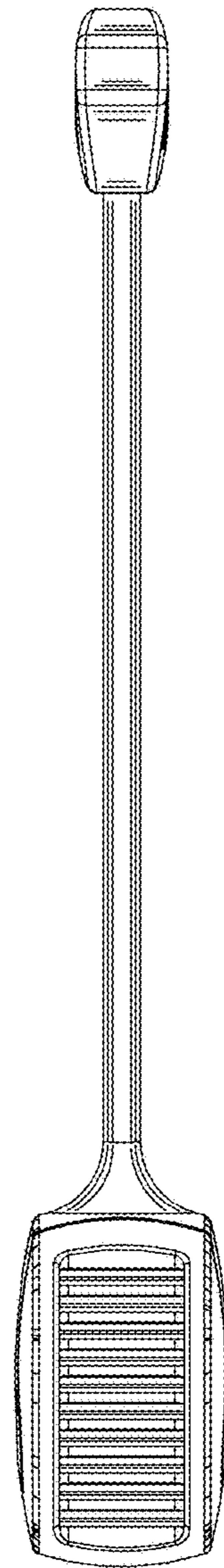


Fig.21

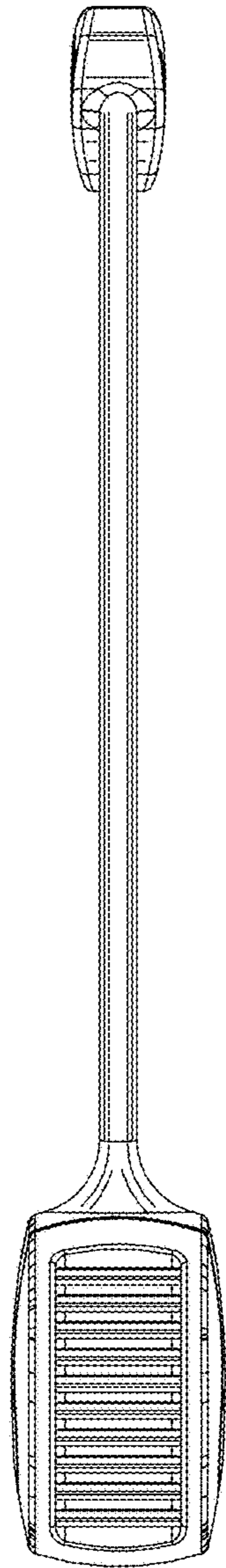


Fig.22



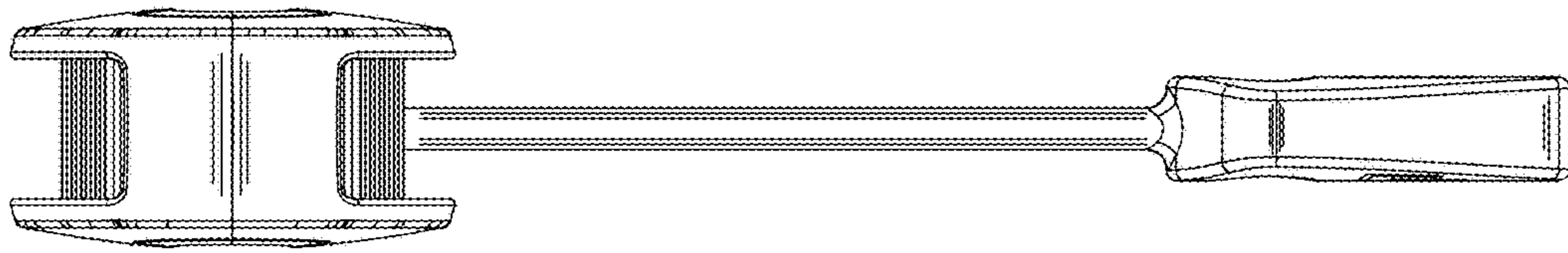


Fig.23

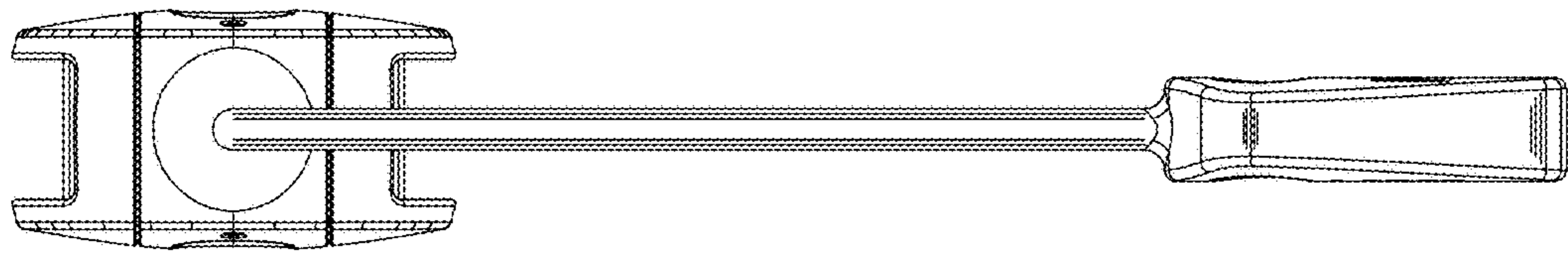


Fig.24