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(12) **United States Design Patent** (10) **Patent No.:** **US D775,333 S**  
**Ding et al.** (45) **Date of Patent:** **\*\* Dec. 27, 2016**

- (54) **OPEN VESSEL SEALER WITH MECHANICAL CUTTER**
- (71) Applicant: **COVIDIEN LP**, Mansfield, MA (US)
- (72) Inventors: **Weijiang Ding**, Shanghai (CN); **Pu Liu**, Shanghai (CN); **Yuanxun Li**, Shanghai (CN); **Peixiong Yi**, Shanghai (CN); **Peining Sun**, Shanghai (CN)
- (73) Assignee: **Covidien LP**, Mansfield, MA (US)
- (\*\*) Term: **15 Years**
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- (63) Continuation of application No. 29/481,407, filed on Feb. 5, 2014.

**Foreign Application Priority Data**

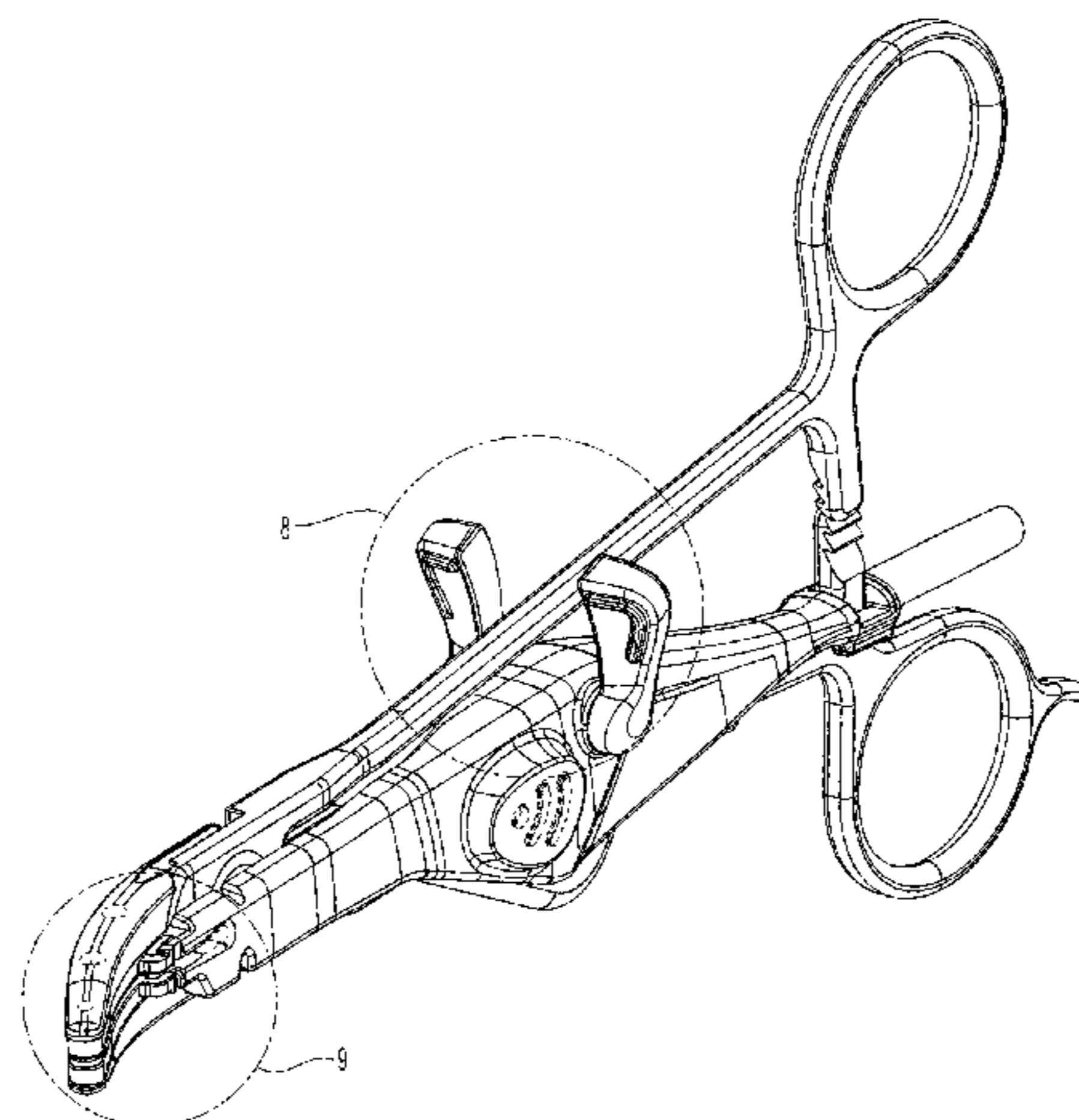
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2018/1432; A61B 17/32; A61B 2018/146;  
A61B 17/3201  
See application file for complete search history.

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*Primary Examiner* — Ian Simmons*Assistant Examiner* — Samantha Q Lawrence

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**CLAIM**

The ornamental design for an open vessel sealer with mechanical cutter, as shown and described.

**DESCRIPTION**

- FIG. 1 is a front, perspective view of an open vessel sealer with mechanical cutter showing the new design;
- FIG. 2 is a front view of the open vessel sealer with mechanical cutter of FIG. 1;
- FIG. 3 is a rear view of vessel sealer with mechanical cutter of FIG. 1;
- FIG. 4 is a left side view of the open vessel sealer with mechanical cutter of FIG. 1;

FIG. 5 is a right side view of the open vessel sealer with mechanical cutter of FIG. 1;

FIG. 6 is a top view of the open vessel sealer with mechanical cutter of FIG. 1; and

FIG. 7 is a bottom view of the open vessel sealer with mechanical cutter of FIG. 1.

FIG. 8 is a front, perspective view of an enlarged portion of the open vessel sealer with mechanical cutter of FIG. 1 taken along line 8 of FIG. 1.

FIG. 9 is a front, perspective view of an enlarged portion of the open vessel sealer with mechanical cutter of FIG. 1 taken along line 9 of FIG. 1.

FIG. 10 is a front view of an enlarged portion of the open vessel sealer with mechanical cutter of FIG. 2 taken along line 10 of FIG. 2.

FIG. 11 is a rear view of an enlarged portion of the open vessel sealer with mechanical cutter of FIG. 3 taken along line 11 of FIG. 3.

FIG. 12 is a left side view of an enlarged portion of the open vessel sealer with mechanical cutter of FIG. 4 taken along line 12 of FIG. 4.

FIG. 13 is a left side view of an enlarged portion of the open vessel sealer with mechanical cutter of FIG. 4 taken along line 13 of FIG. 4.

FIG. 14 is a right side view of an enlarged portion of the open vessel sealer with mechanical cutter of FIG. 5 taken along line 14 of FIG. 5.

FIG. 15 is a right side view of an enlarged portion of the open vessel sealer with mechanical cutter of FIG. 5 taken along line 15 of FIG. 5.

FIG. 16 is a top view of an enlarged portion of the open vessel sealer with mechanical cutter of FIG. 6 taken along line 16 of FIG. 6.

FIG. 17 is a bottom view of an enlarged portion of the open vessel sealer with mechanical cutter of FIG. 7 taken along line 17 of FIG. 7; and,

FIG. 18 is a bottom view of an enlarged portion of the open vessel sealer with mechanical cutter of FIG. 7 taken along line 18 of FIG. 7.

The broken lines shown in FIGS. 1, 2, 4-7, 9, 10, 12, 13-18 illustrate portions of the open vessel sealer with mechanical cutter that form no part of the claimed design.

**1 Claim, 14 Drawing Sheets**

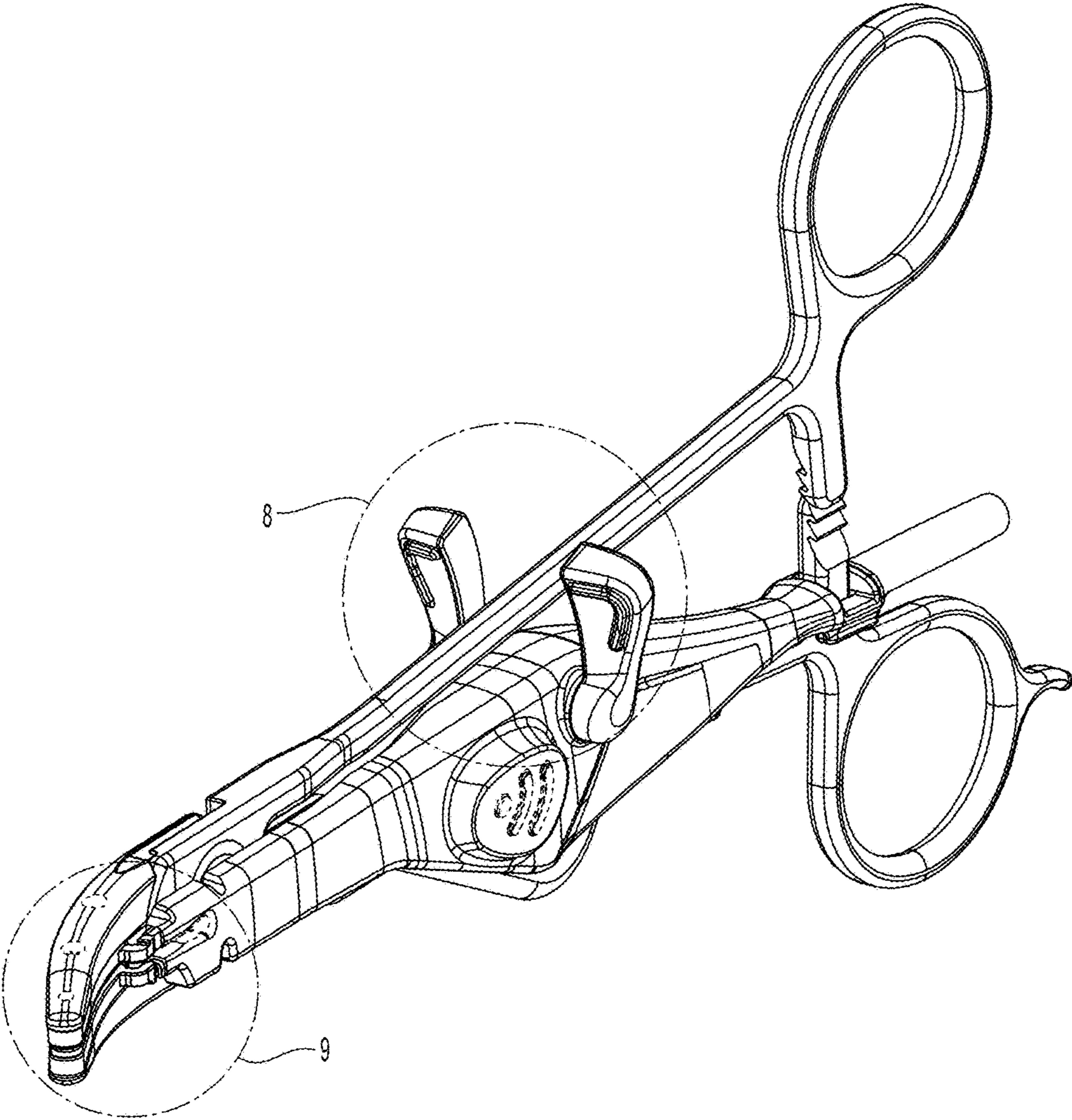
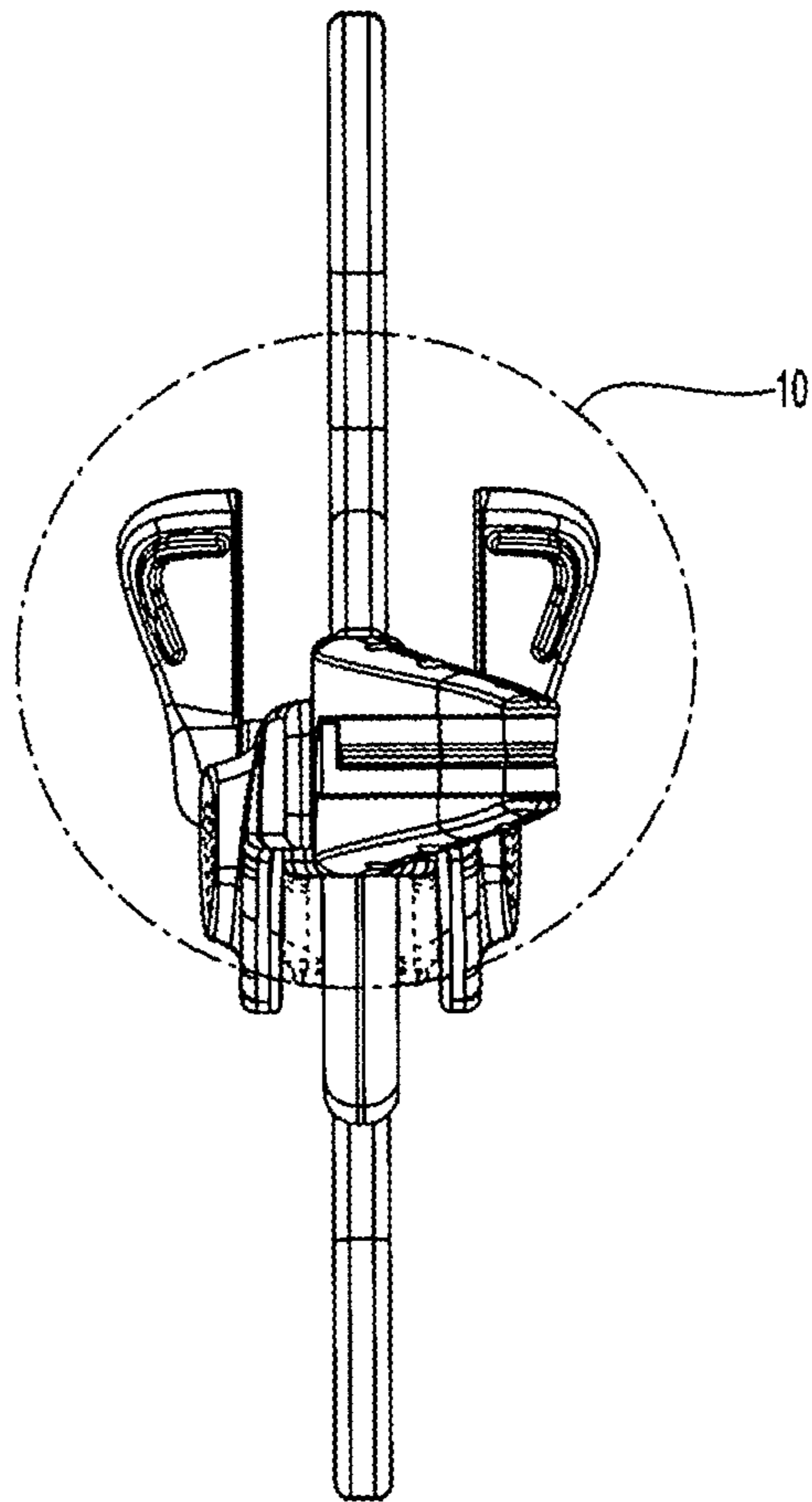
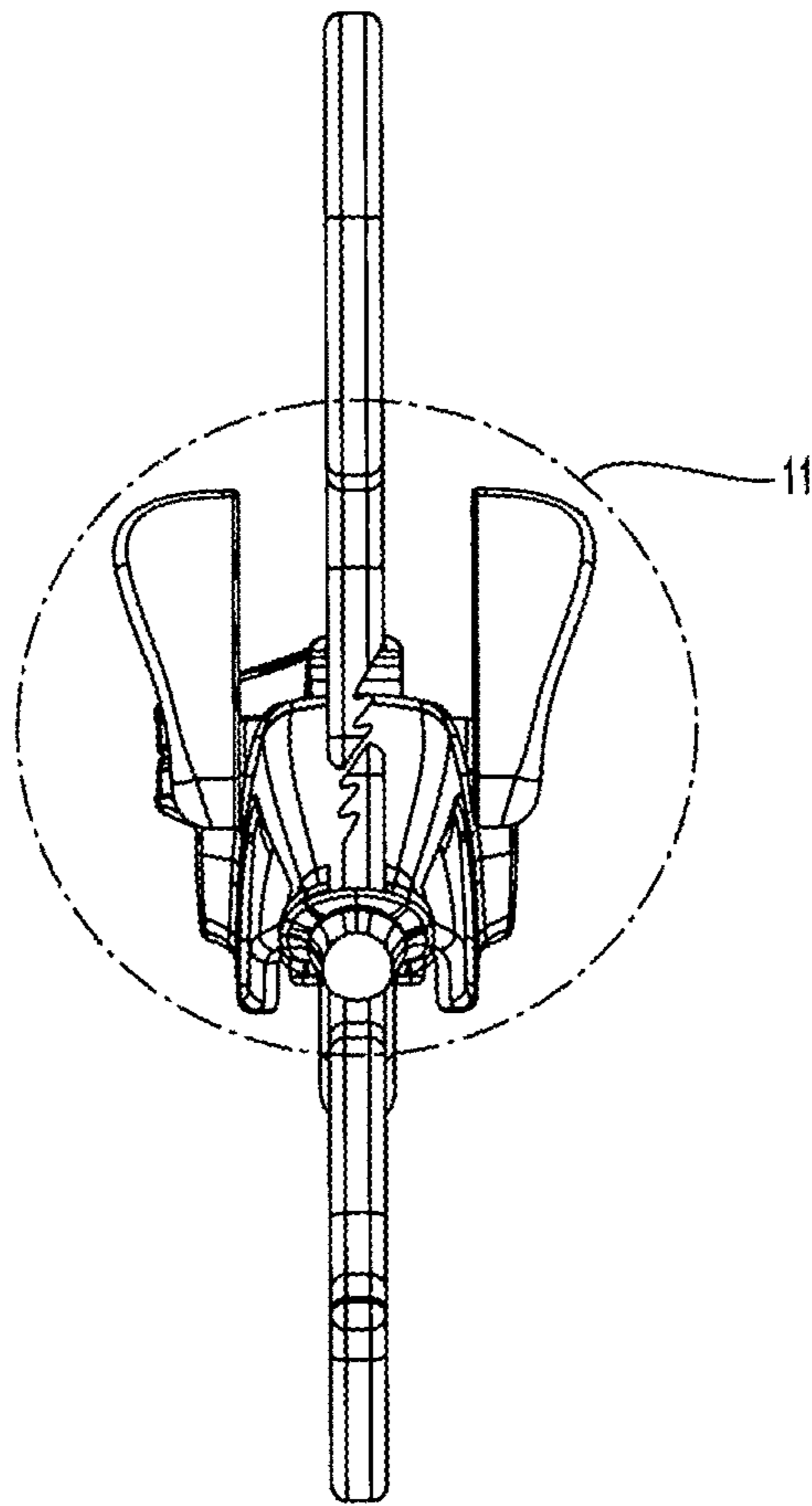


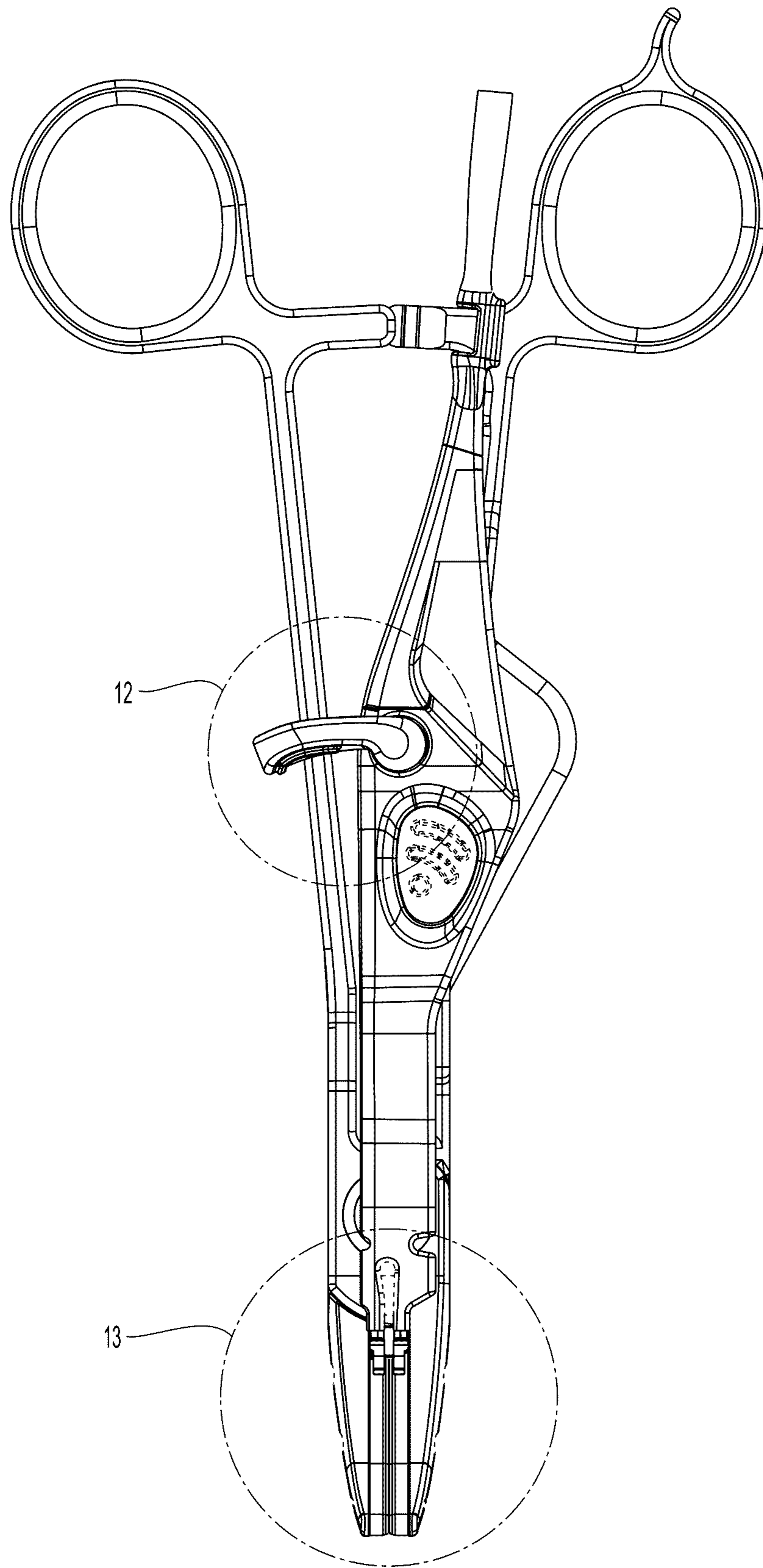
Fig. 1



**Fig. 2**

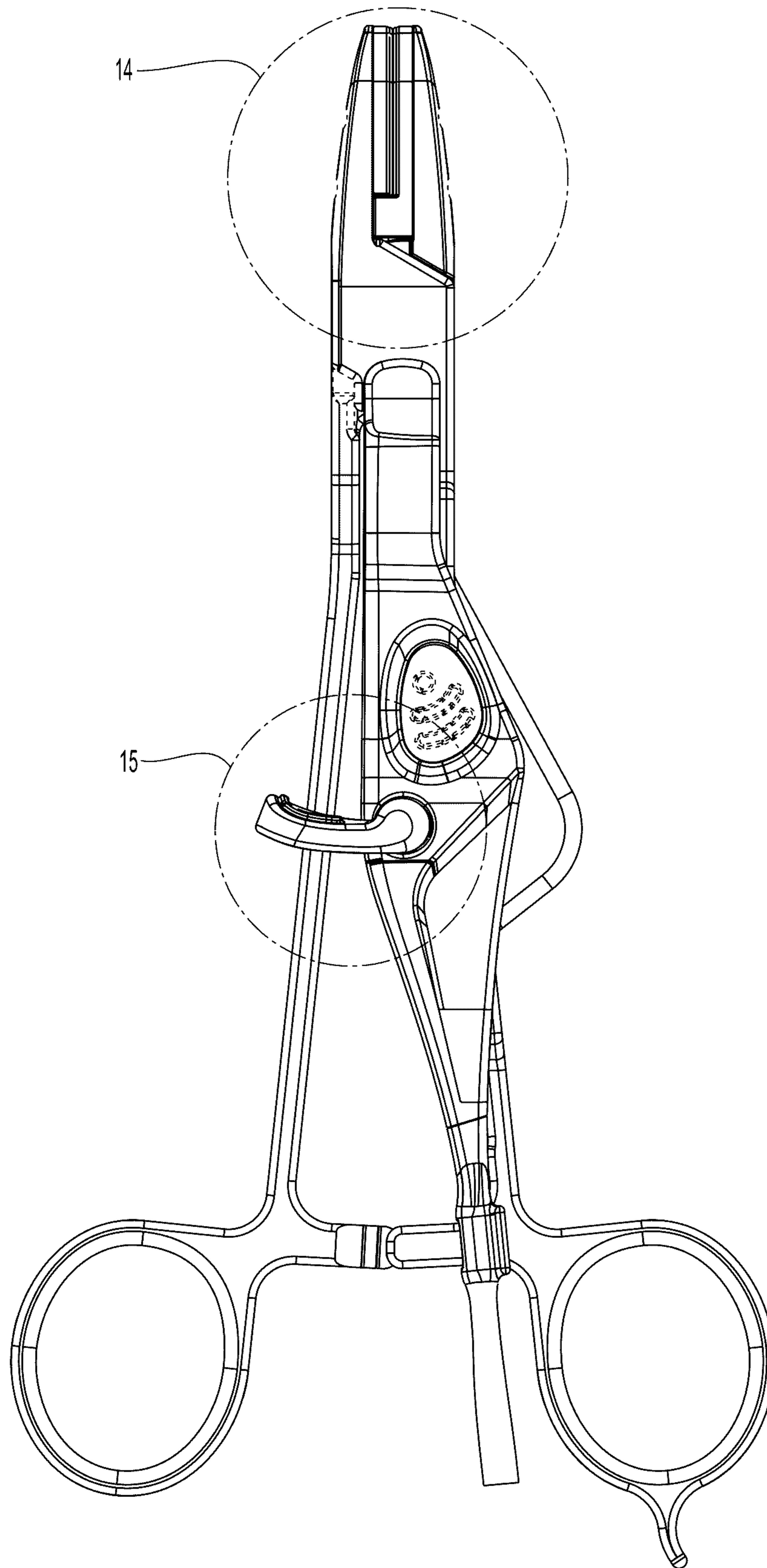


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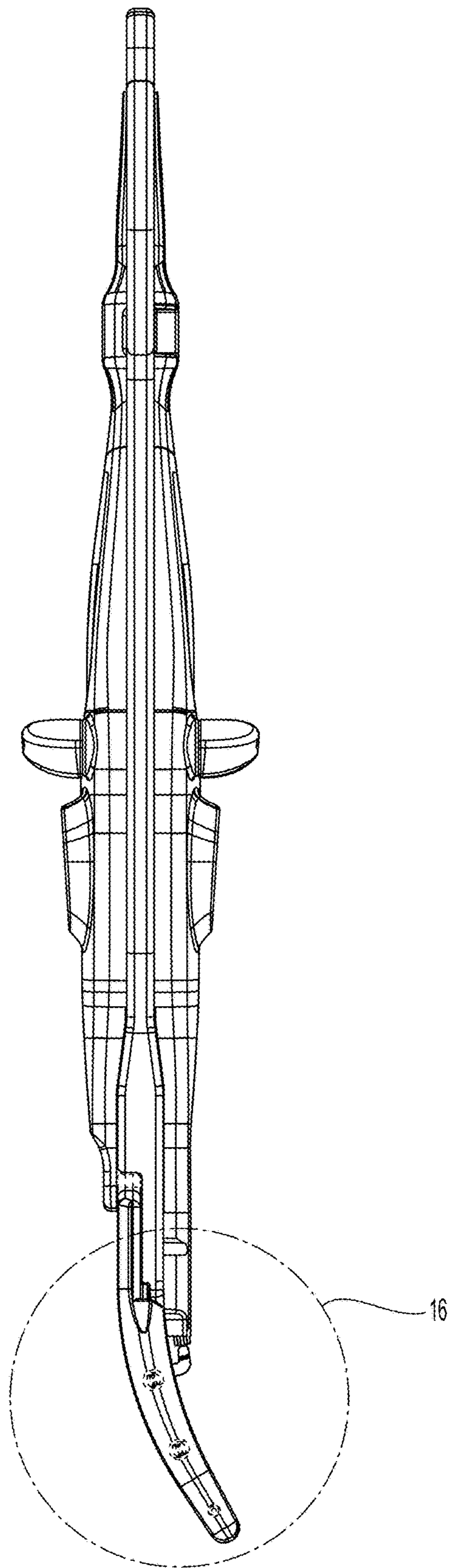


**Fig. 4**





**Fig. 5**



**Fig. 6**

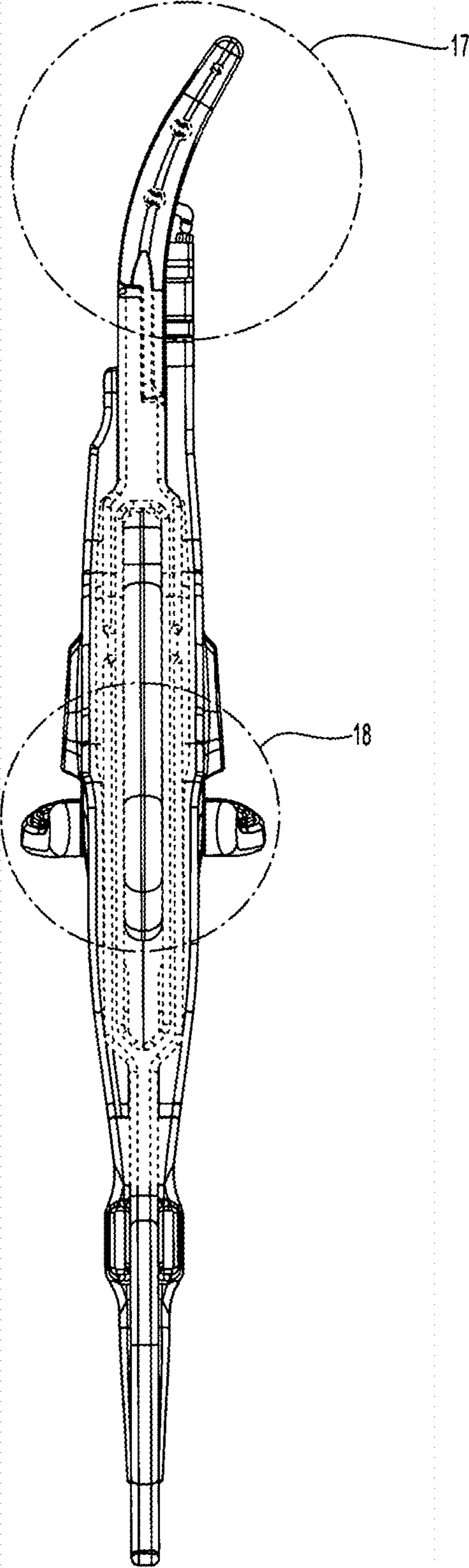
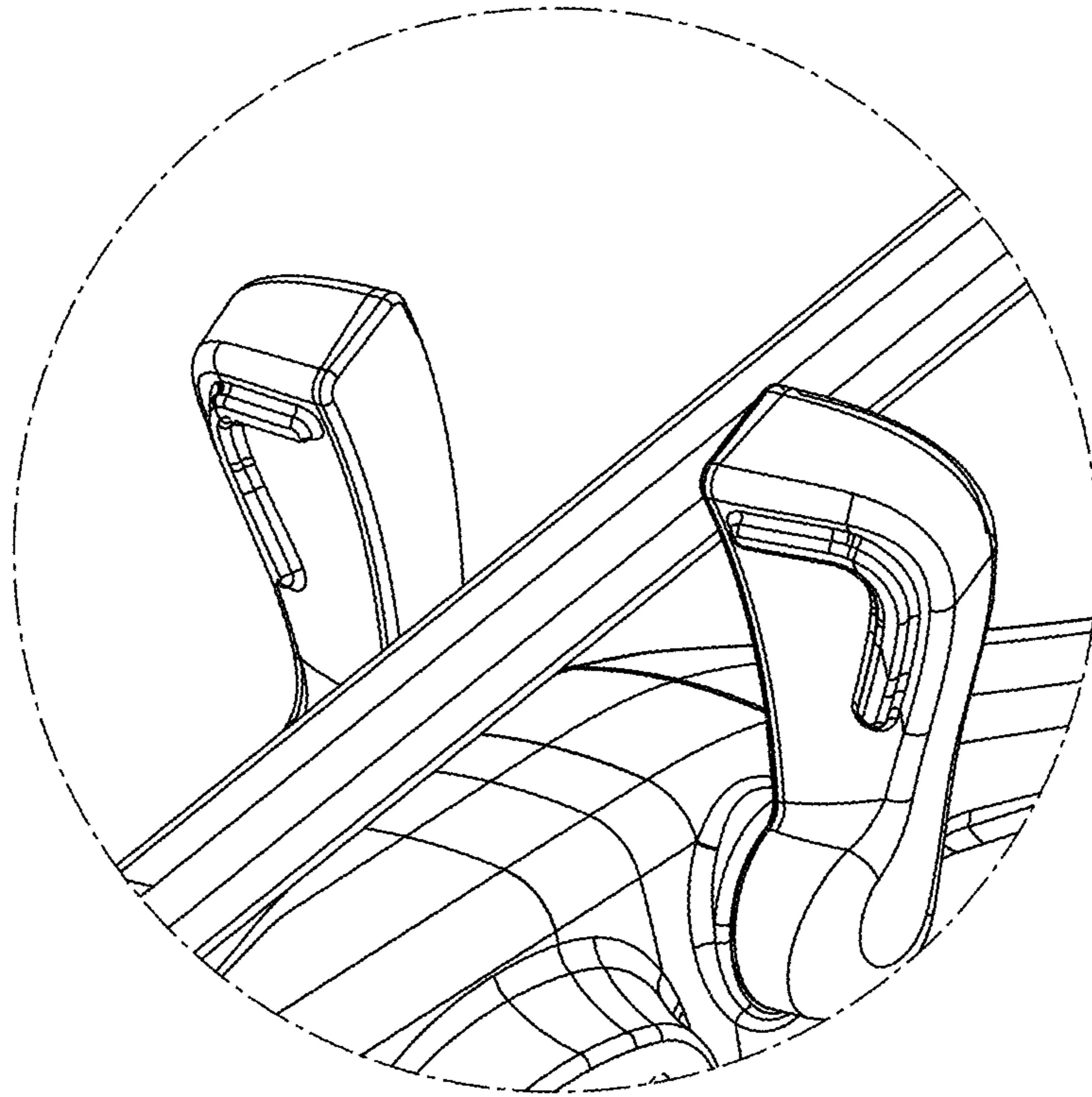
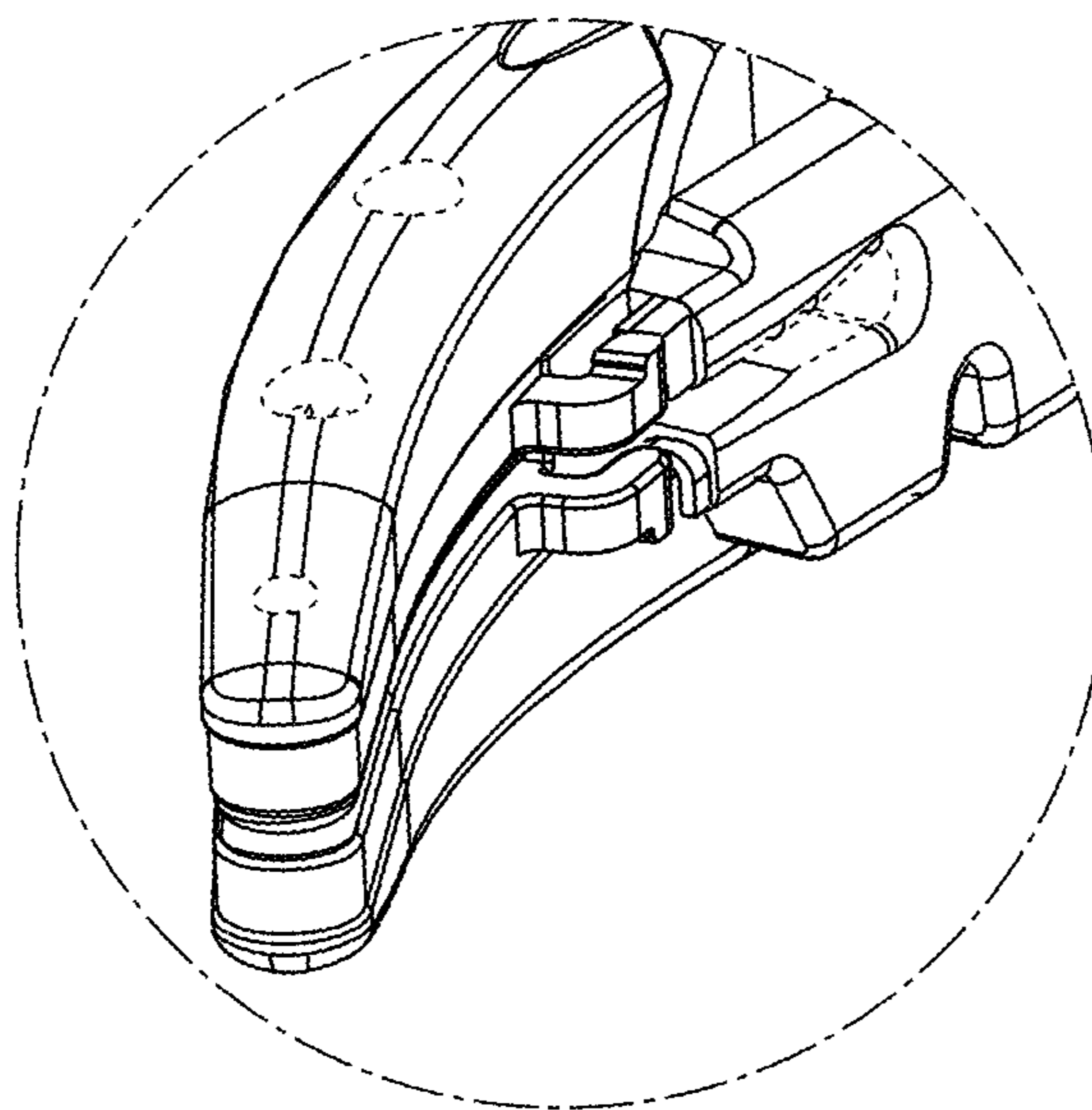


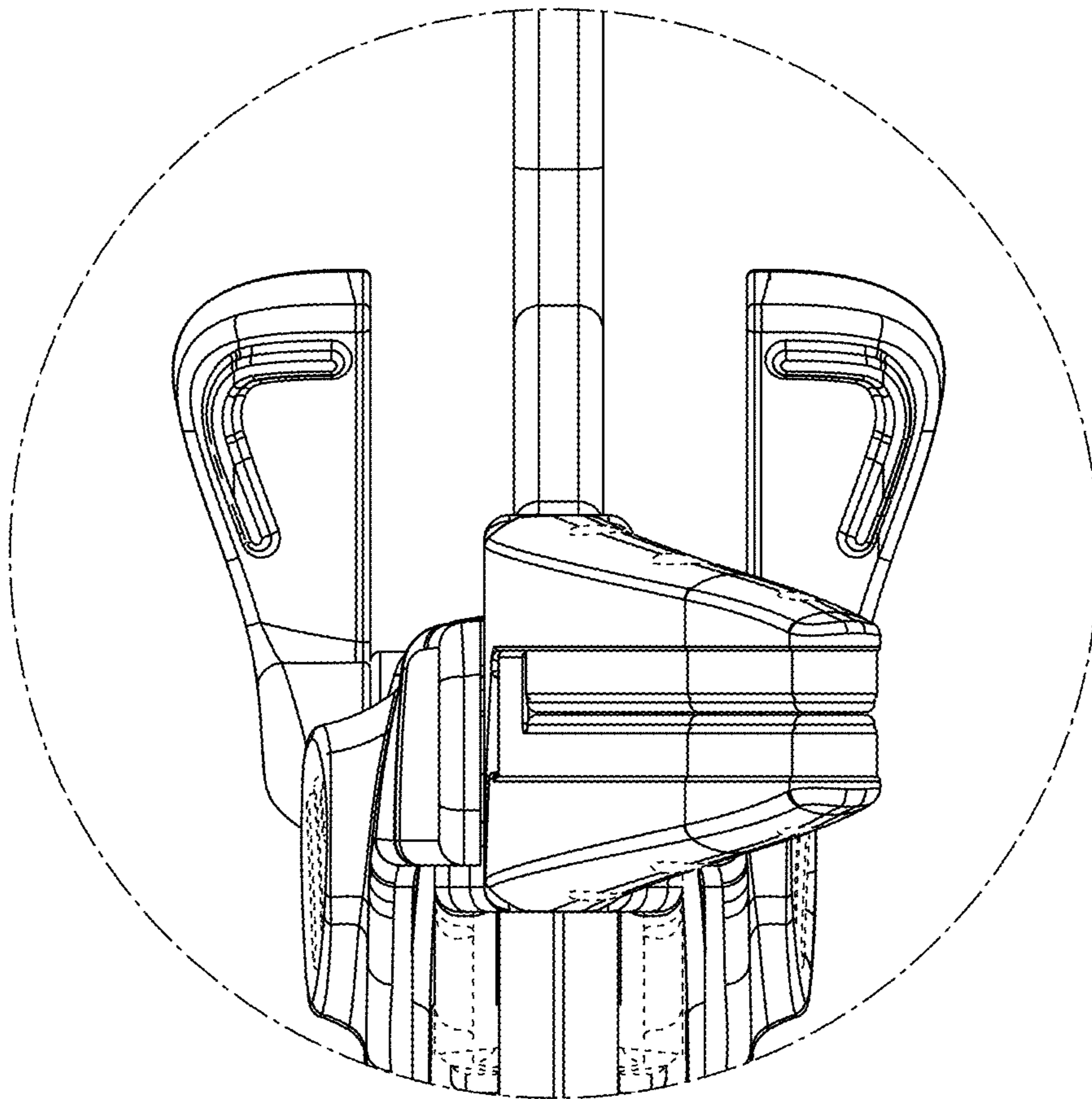
Fig. 7



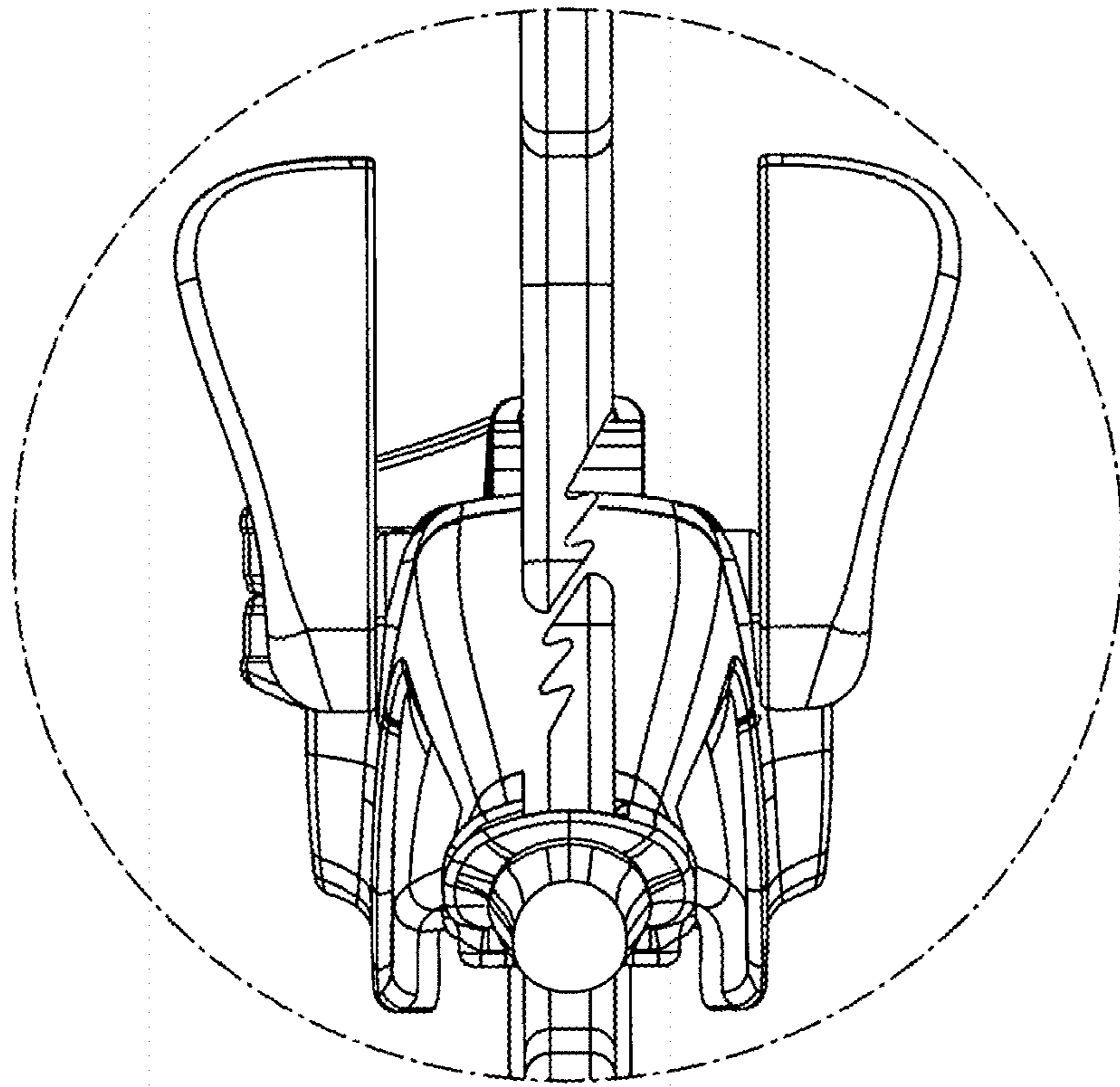
**Fig. 8**



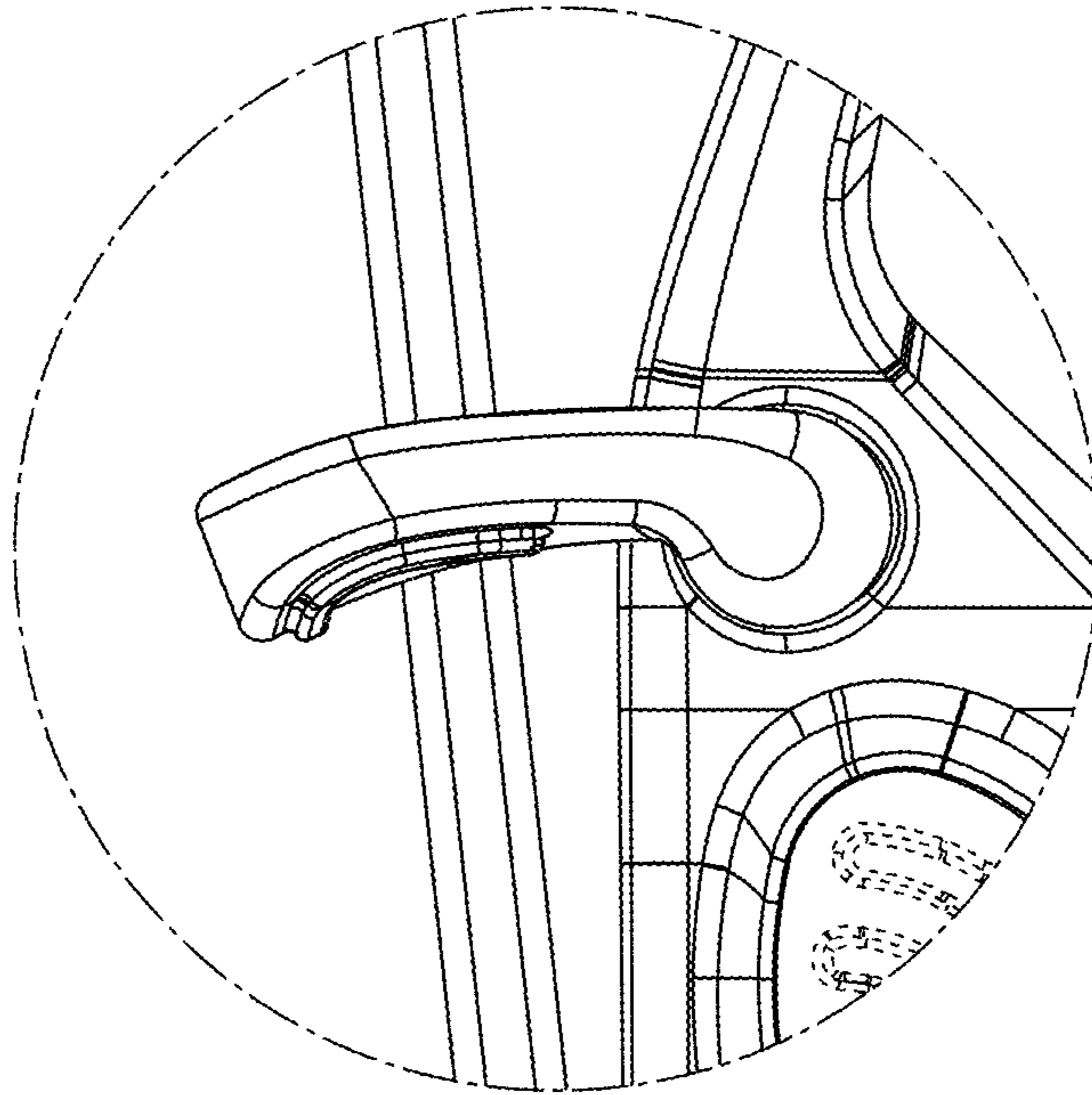
**Fig. 9**



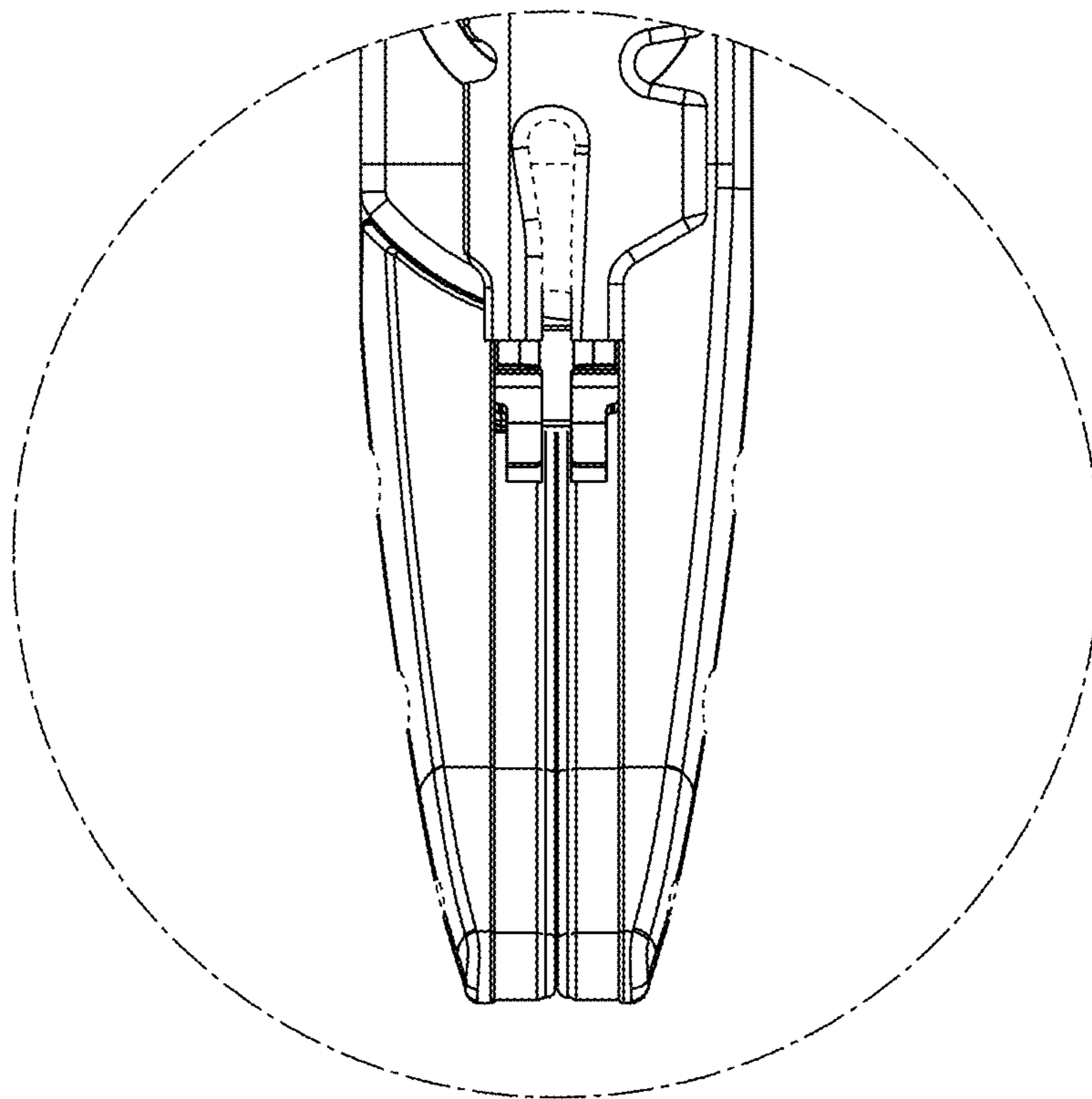
**Fig. 10**



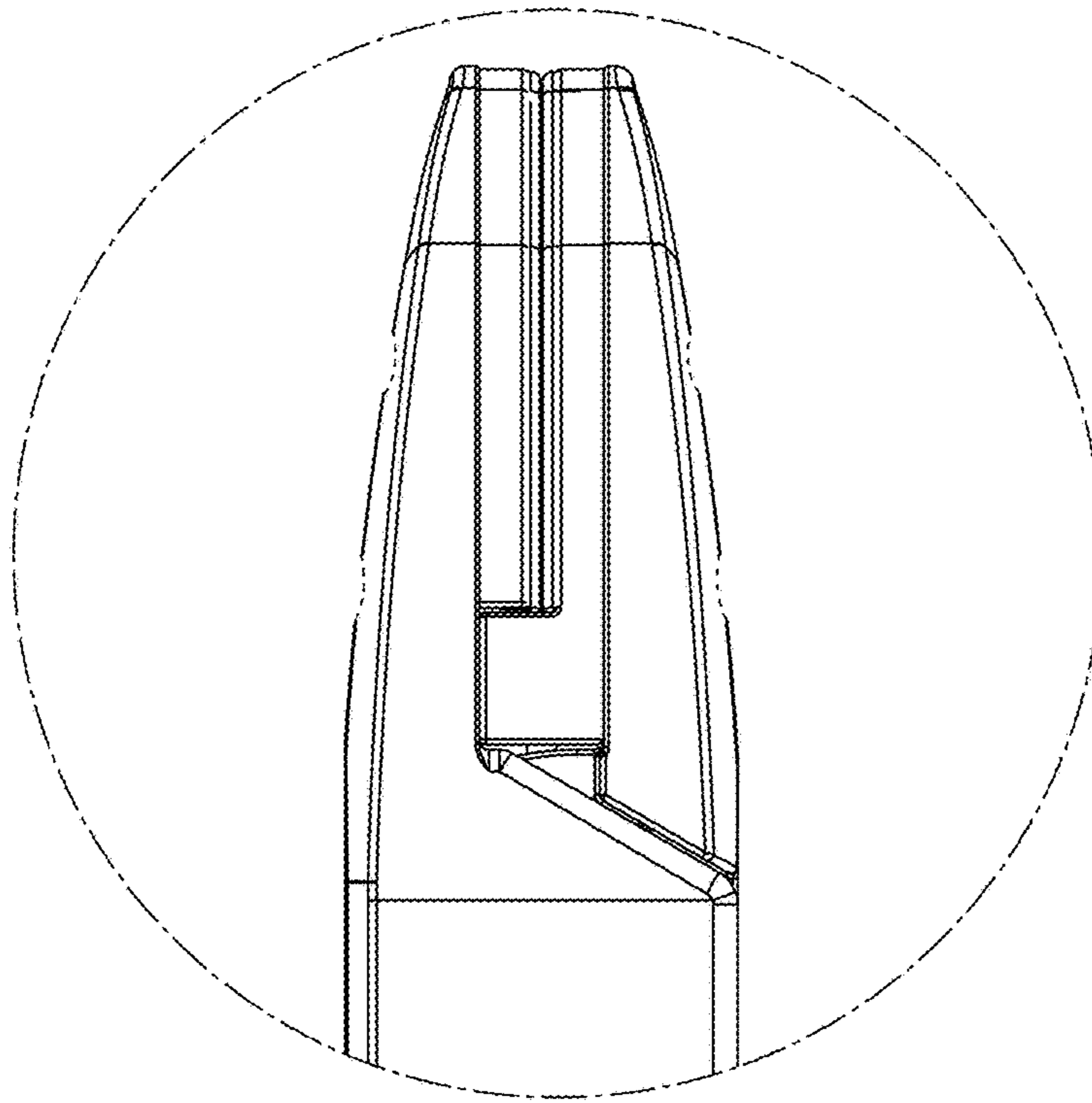
**Fig. 11**



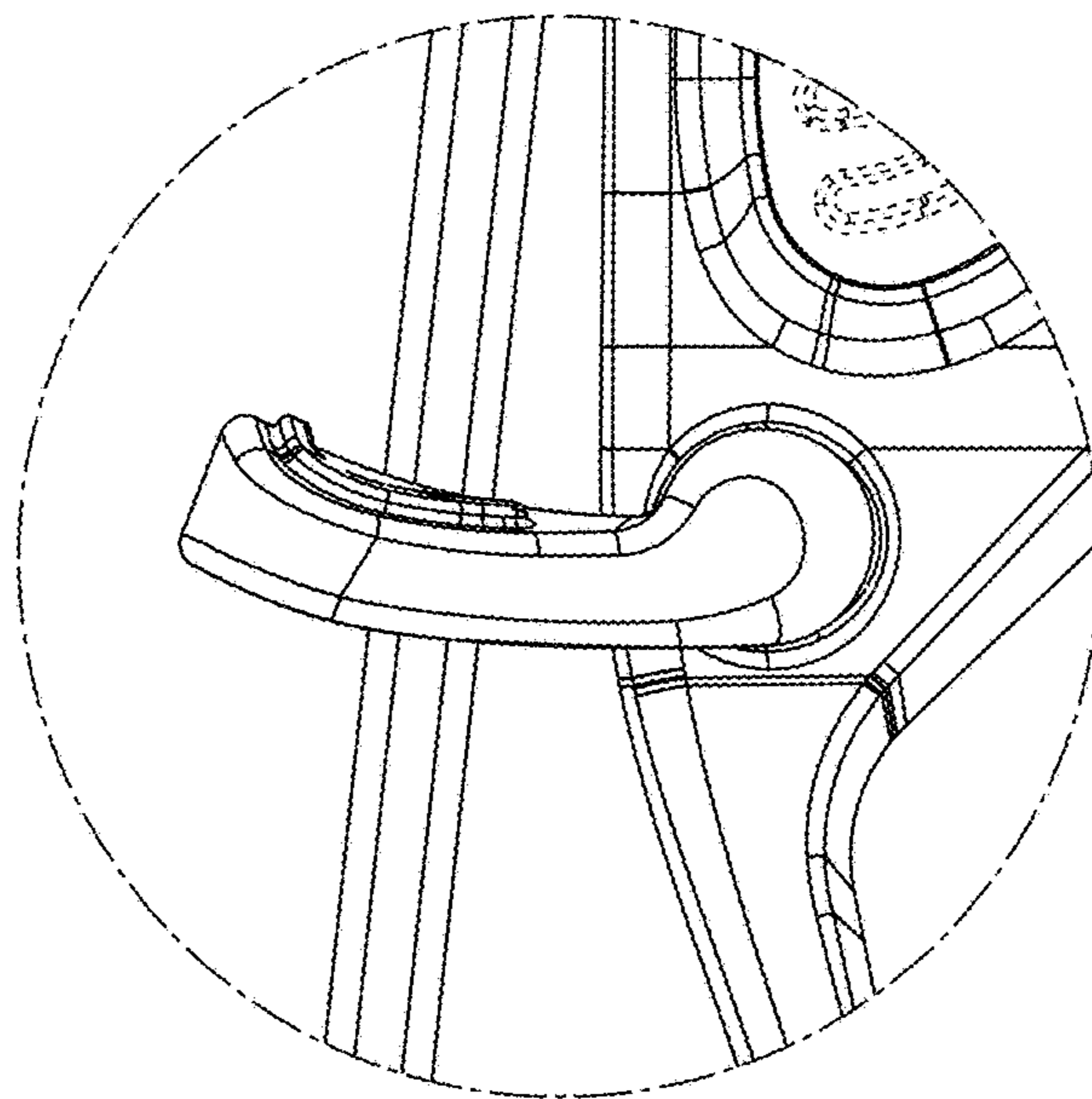
**Fig. 12**



**Fig. 13**

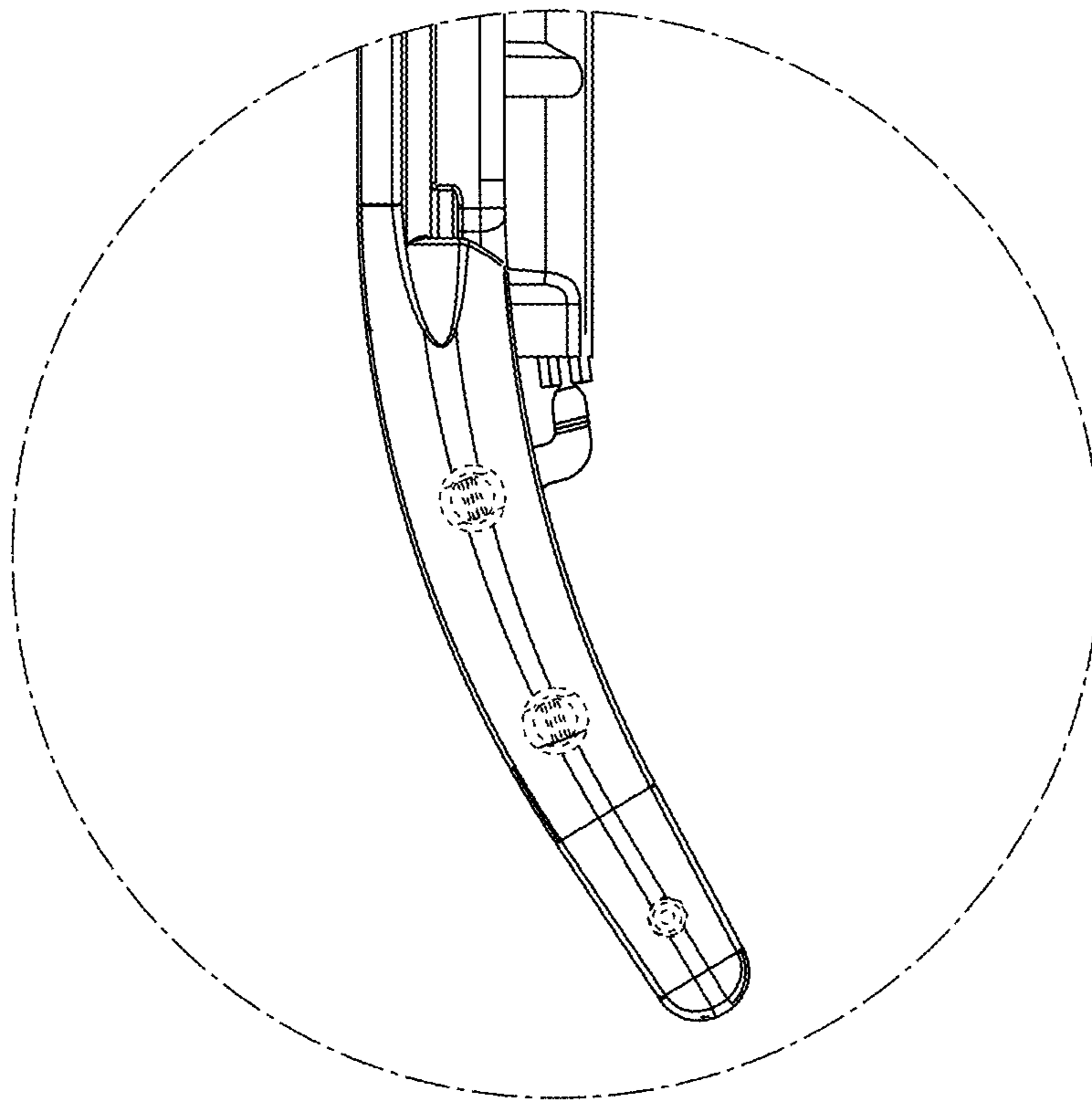


**Fig. 14**

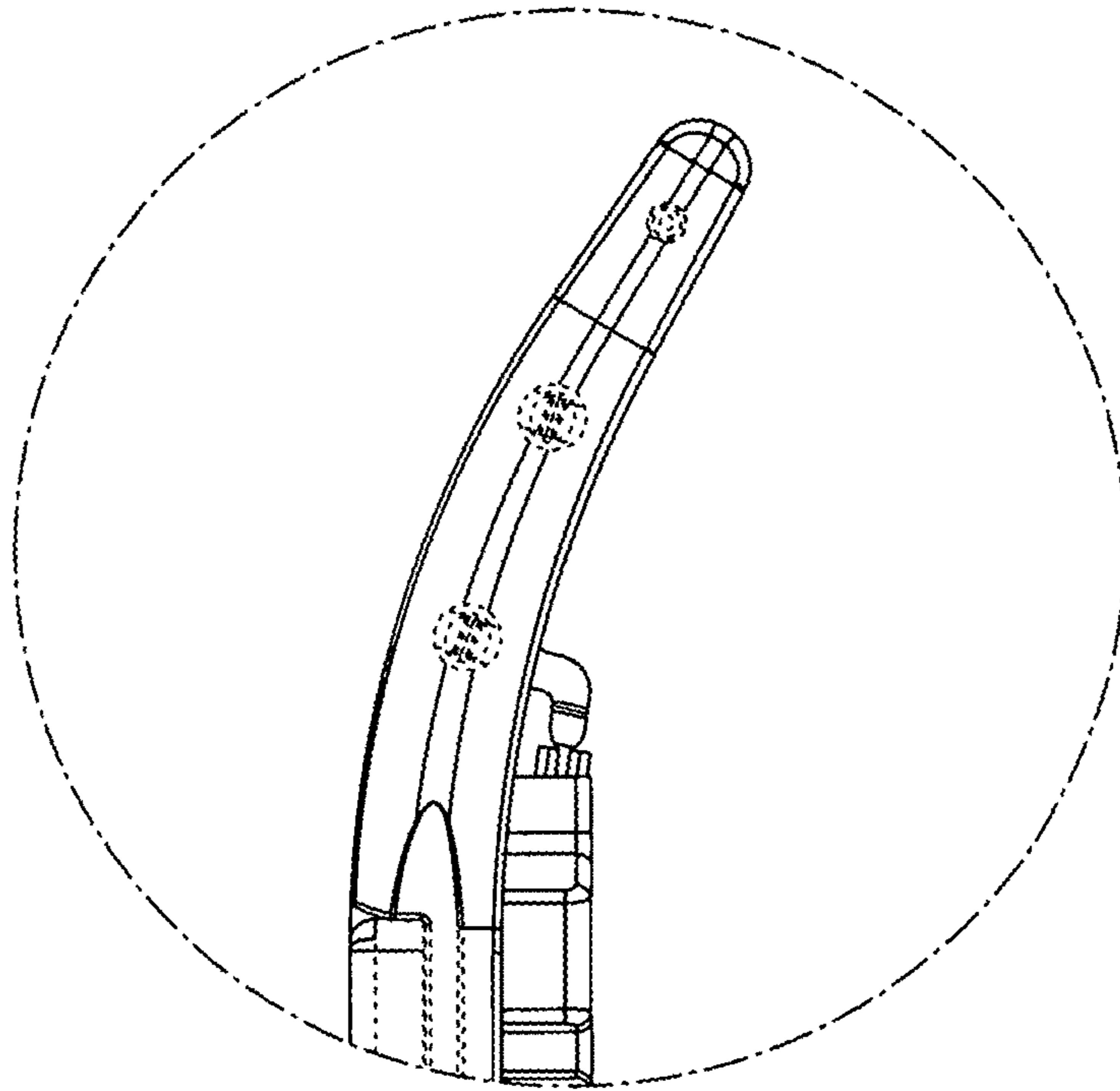


**Fig. 15**

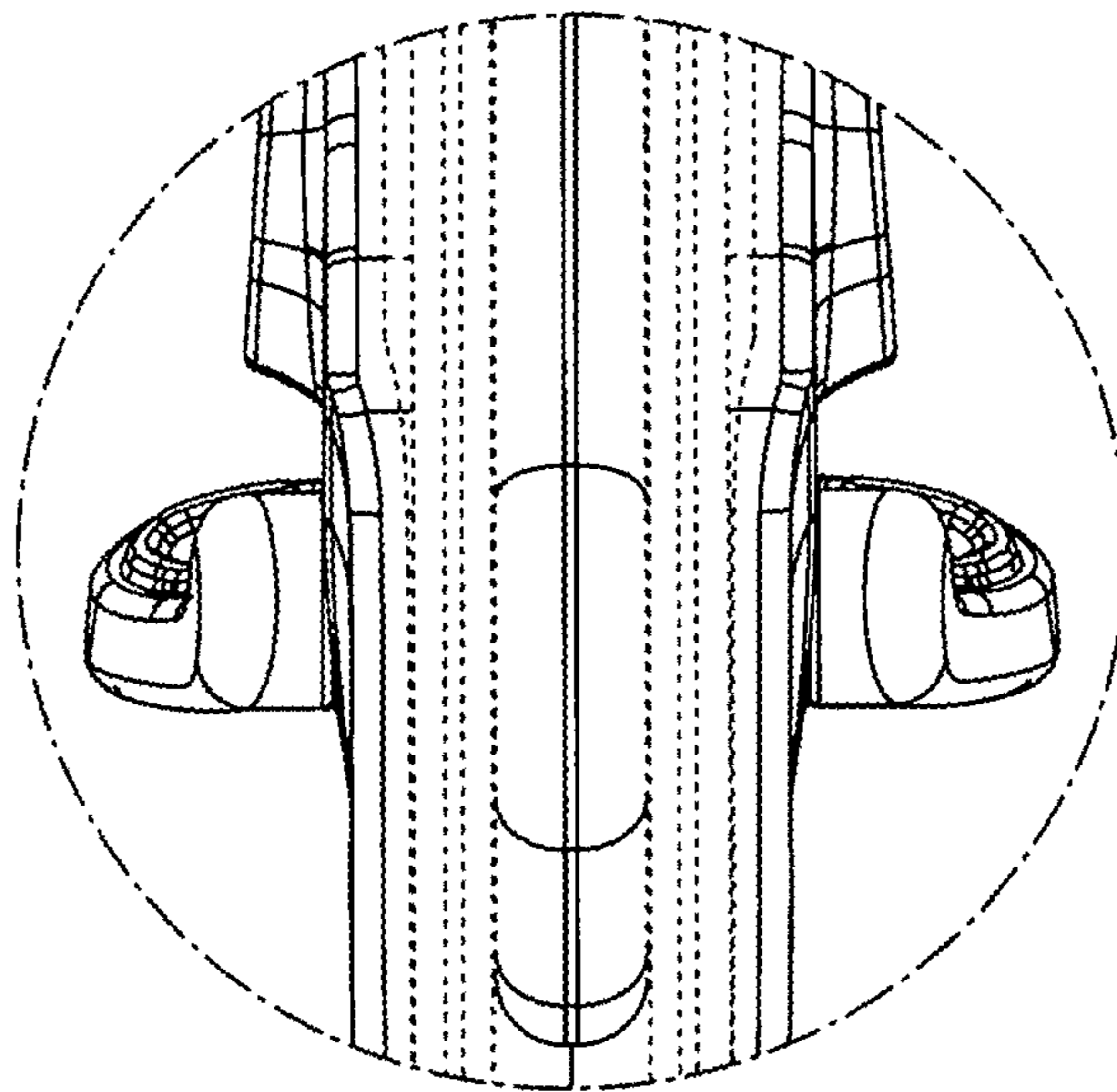




**Fig. 16**



**Fig. 17**



**Fig. 18**