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Rydberg et al.

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(54) **ATHERECTOMY SYSTEM CARTRIDGE**

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(**) Term: **14 Years**

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(51) **LOC (10) Cl.** **24-02**
(52) **U.S. Cl.**
USPC **D24/146**

(58) **Field of Classification Search**
USPC D7/649; D8/93, 97, 300, 310, 311, 313;
D19/110, 115; D24/127, 130, 133,
D24/146, 147, 148
CPC B26B 3/00; B26B 1/10; B26B 5/005;
A61B 17/809; A61B 17/1617; A61B 17/3211;
A61B 5/1411; A61B 17/3417
See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS
934,032 A * 9/1909 Barber 30/287
5,931,847 A * 8/1999 Bittner et al. 606/167
D418,223 S * 12/1999 Phipps et al. D24/133
7,024,772 B1 * 4/2006 Shaver et al. 30/2
D551,518 S * 9/2007 Leuze D7/649
D586,916 S * 2/2009 Faulkner et al. D24/146
D592,746 S * 5/2009 Highley et al. D24/133
D675,318 S * 1/2013 Luk et al. D24/130
D679,391 S * 4/2013 Chinowsky et al. D24/127
2005/0016352 A1 * 1/2005 McCorkle 83/880
2015/0073448 A1 * 3/2015 Rydberg 606/159
2015/0094751 A1 * 4/2015 Chen et al. 606/185

* cited by examiner

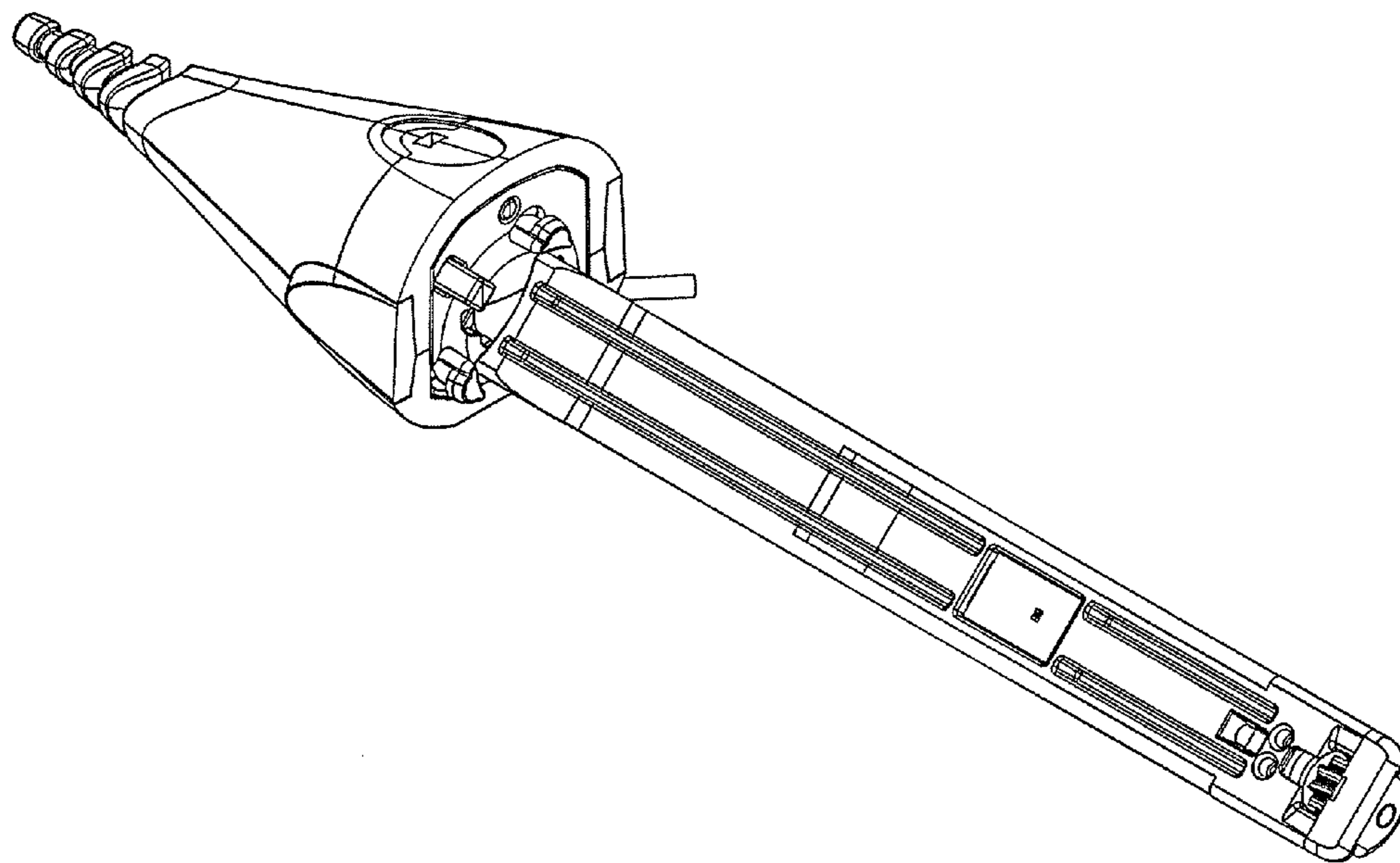
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(57) **CLAIM**
The ornamental design for an atherectomy system cartridge, as shown.

DESCRIPTION

FIG. 1 is a perspective view of the atherectomy system cartridge;
FIG. 2 is a top view;
FIG. 3 is a bottom view;
FIG. 4 is right side view;
FIG. 5 is a left side view;
FIG. 6 is a rear view; and,
FIG. 7 is a front view.

1 Claim, 6 Drawing Sheets



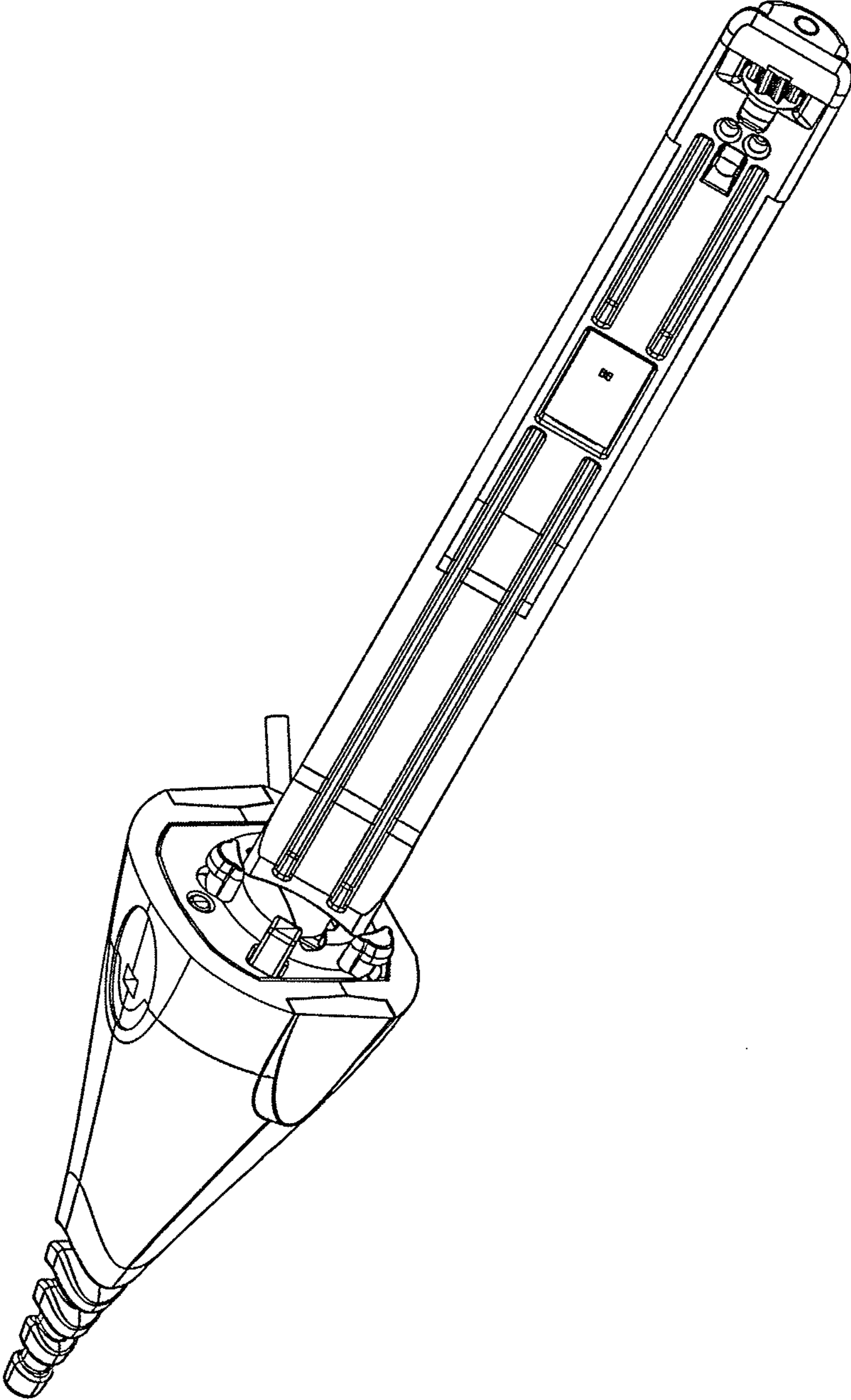


Fig. 1

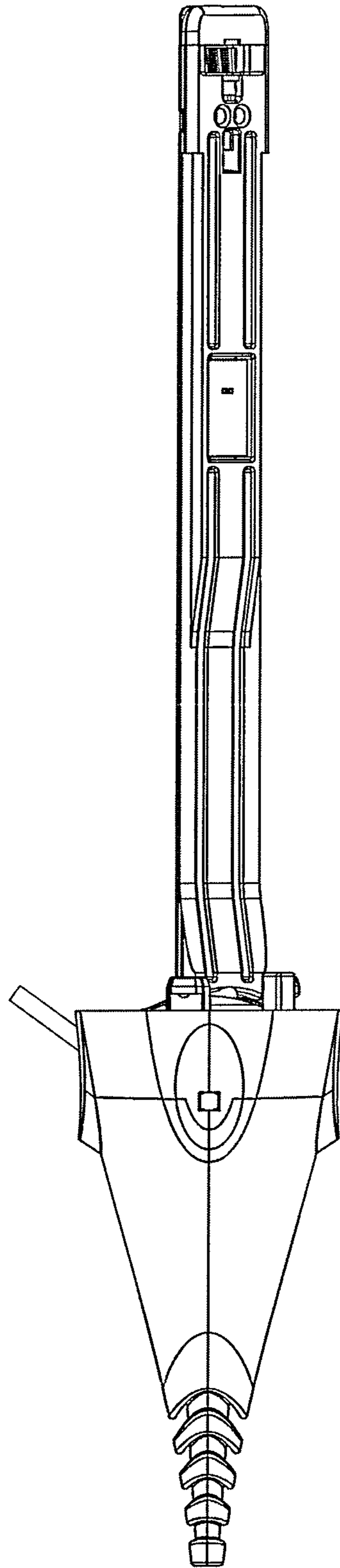


Fig. 2

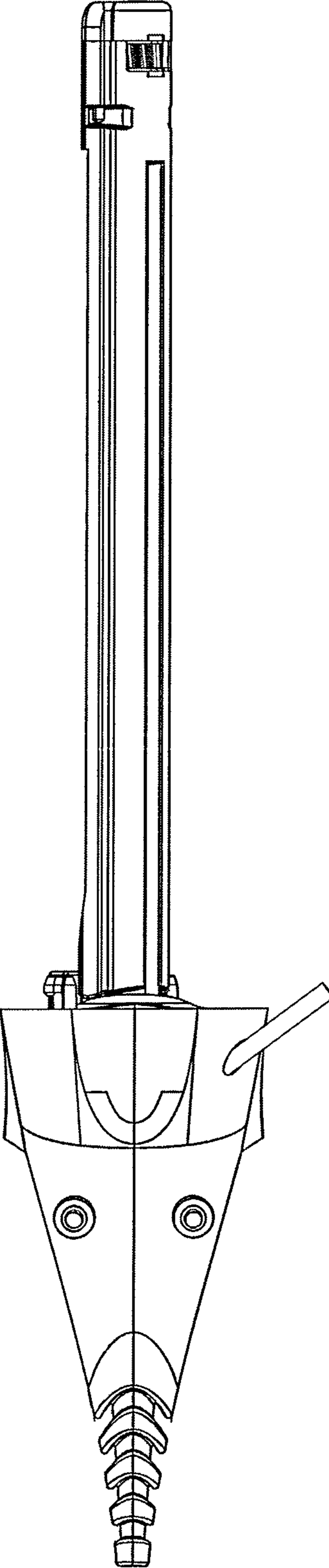


Fig. 3

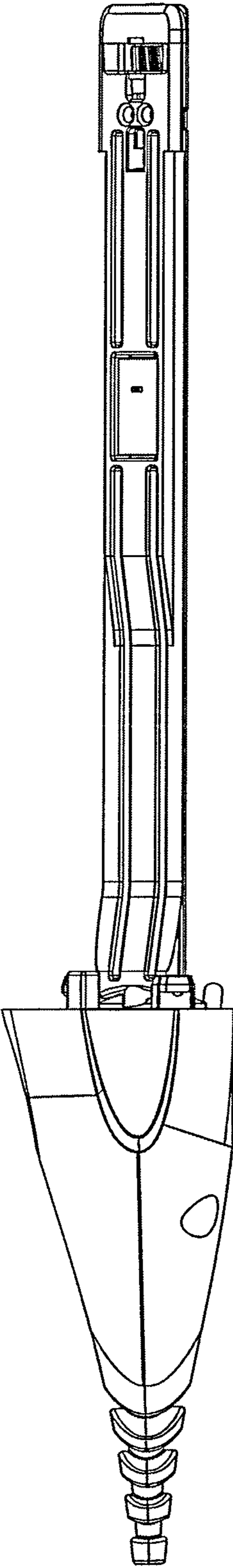


Fig. 4

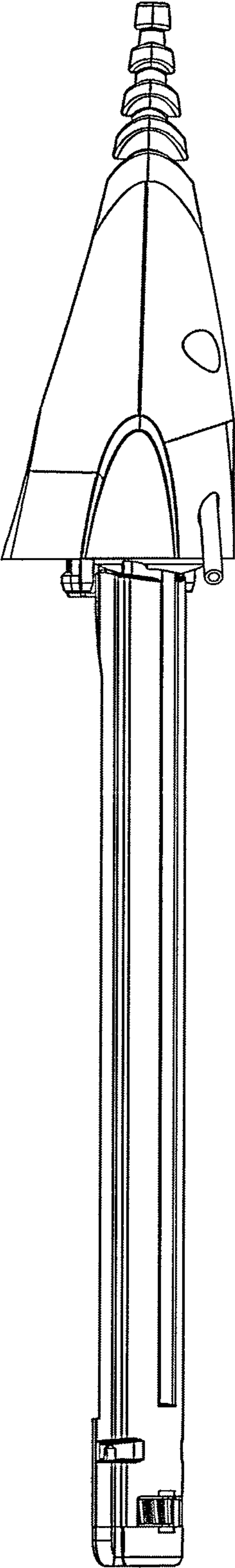


Fig. 5

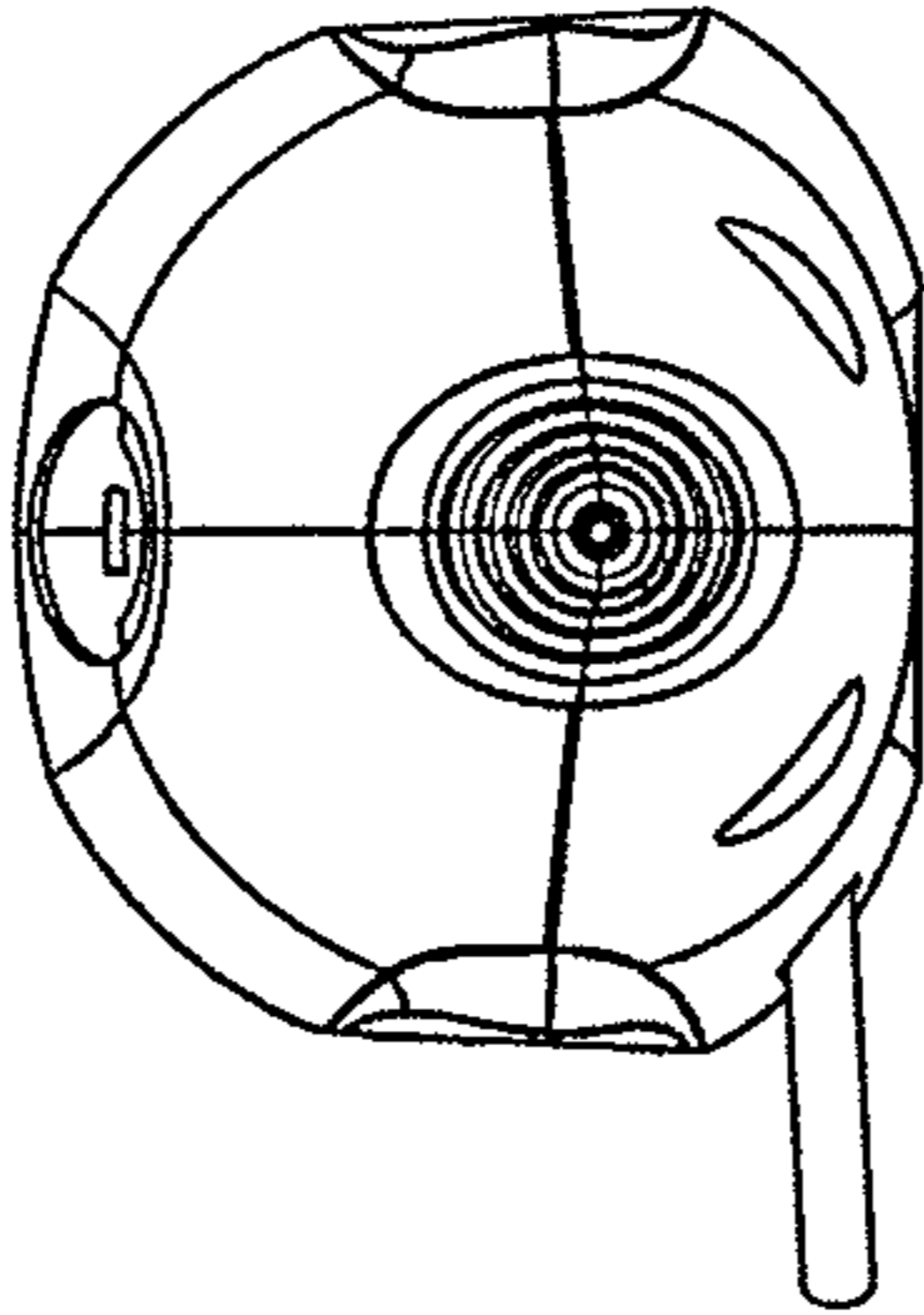


Fig. 7

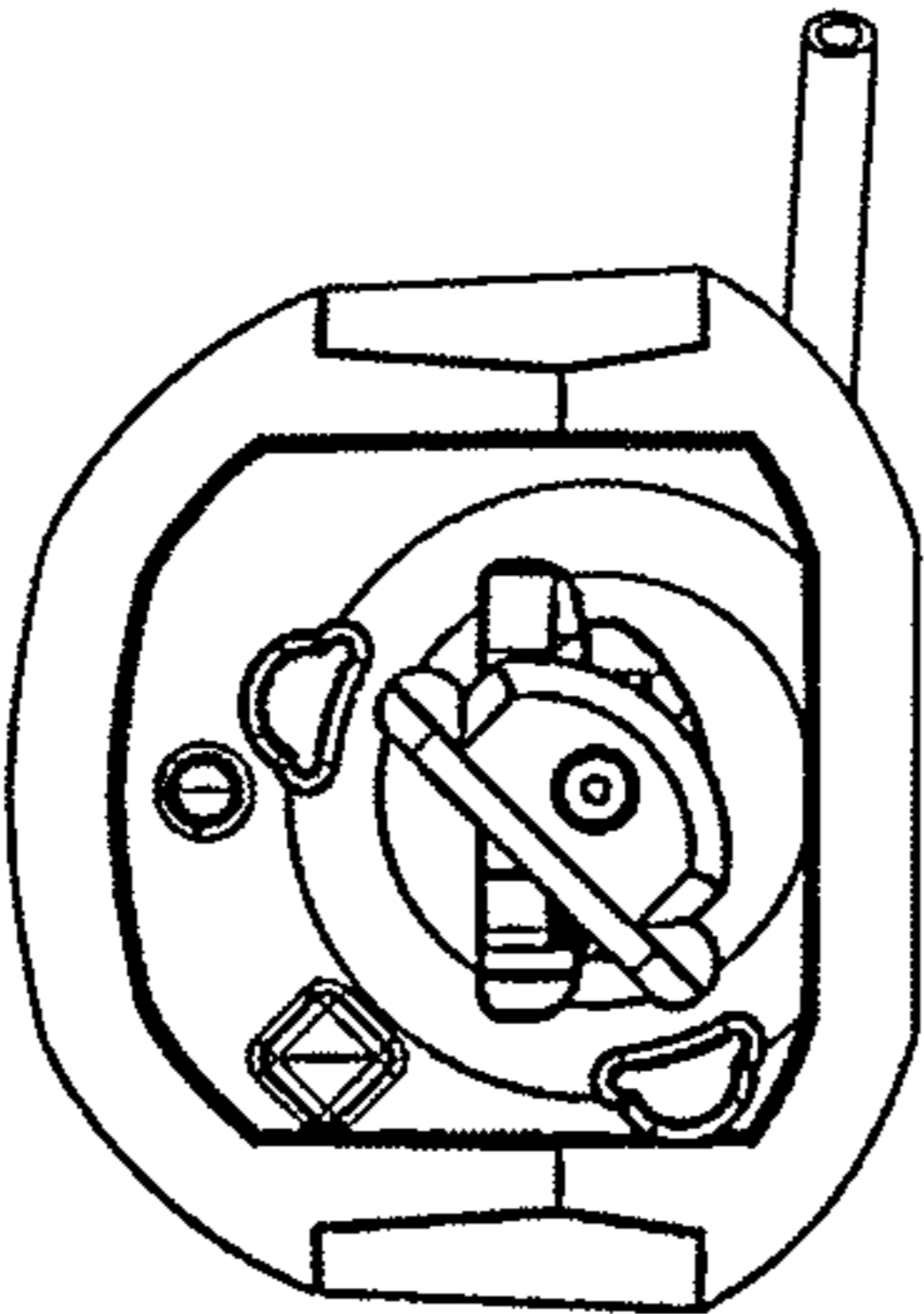


Fig. 6