



US00D981559S

(12) **United States Design Patent**
Sato

(10) **Patent No.:** **US D981,559 S**
(45) **Date of Patent:** **** Mar. 21, 2023**

(54) **ENDOSCOPE CONNECTOR**

FOREIGN PATENT DOCUMENTS

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JP D1421764 * 8/2011
JP D1687235 * 6/2021

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

(21) Appl. No.: **29/796,371**

(22) Filed: **Jun. 24, 2021**

(30) **Foreign Application Priority Data**

Dec. 25, 2020 (JP) 2020-028196 D

(51) **LOC (14) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/138**

(58) **Field of Classification Search**

USPC D24/138, 127-130

CPC A61B 17/221; A61B 1/00126; A61M
25/0067; A61M 25/0097; A61M 25/0105

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D726,908 S * 4/2015 Yu D24/130
D768,854 S * 10/2016 Halleck D24/138
D777,327 S * 1/2017 Halleck D24/138
D780,916 S 3/2017 Ogura et al.
D782,671 S * 3/2017 Ogura D24/138
D828,548 S * 9/2018 Bow D24/112
D919,804 S * 5/2021 Cole D24/133
D958,344 S * 7/2022 Ono D24/138
D958,345 S * 7/2022 Ono D24/138
D958,347 S * 7/2022 Ono D24/138
D964,561 S * 9/2022 Suzuki D24/138
D970,004 S * 11/2022 Ohno D24/138
D970,005 S * 11/2022 Ohno D24/138

(Continued)

OTHER PUBLICATIONS

Flexible Endoscope Parts, Shanghai EXACT Trade Co.,Ltd, [Post date unknown], [Site seen Nov. 30, 2022], Seen at URL: <https://www.everychina.com/p-z14233b9-50022969-flexible-endoscope-parts.html> (Year: 2022).*

(Continued)

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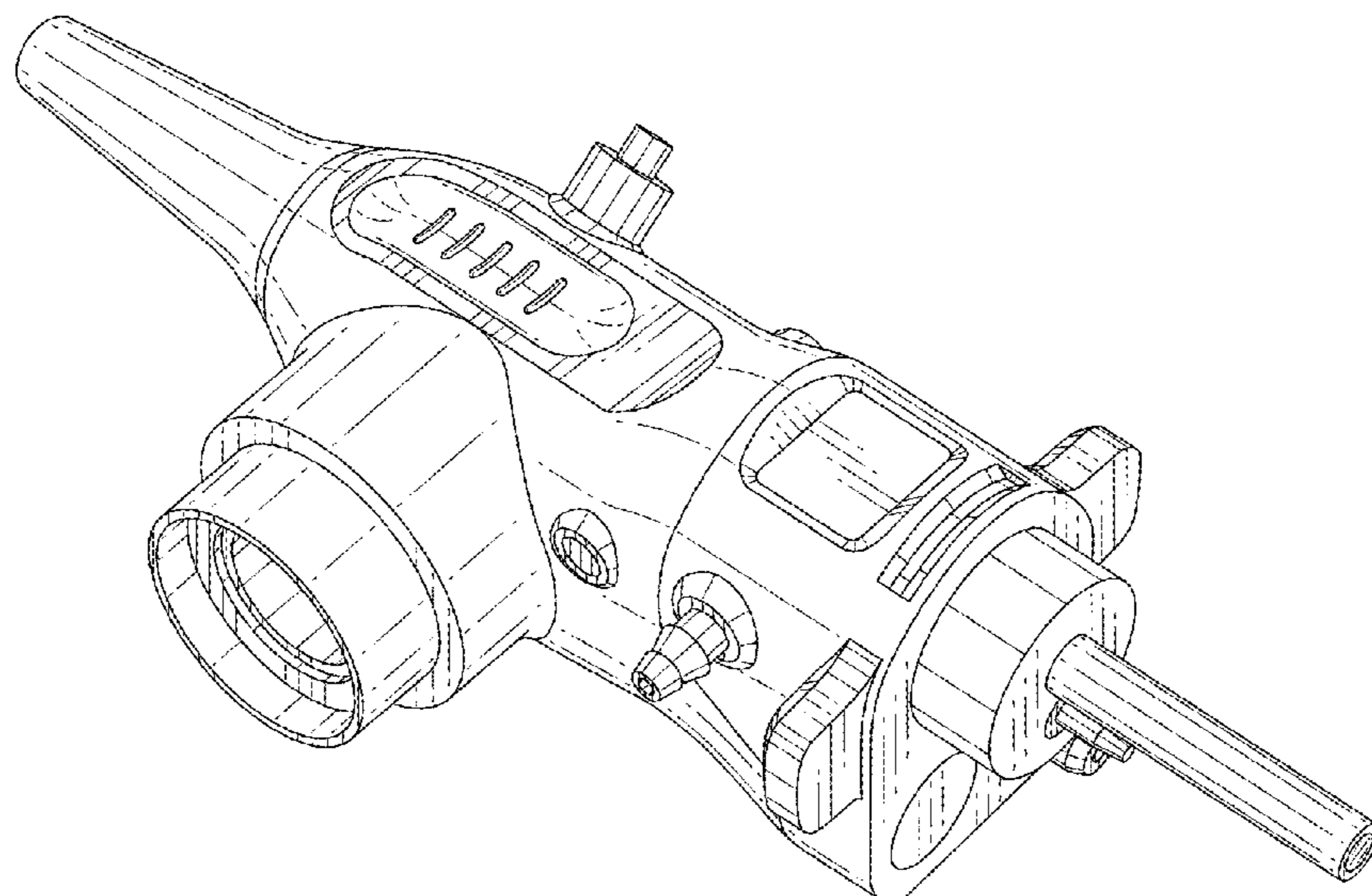
(57) **CLAIM**

The ornamental design for an endoscope connector, as shown and described.

DESCRIPTION

FIG. 1 is a top, front and left side perspective view of an endoscope connector showing my new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a top plan view thereof; FIG. 5 is a bottom plan view thereof; FIG. 6 is a left side elevational view thereof; FIG. 7 is a right side elevational view thereof; FIG. 8 is a top, front and left side perspective view showing the state of being connected to an ultrasonic controller connector; FIG. 9 is a top, rear and left side perspective view thereof in a manner of use; and, FIG. 10 is a top, front and left side perspective view showing the state with the cap attached. The broken lines in the drawings illustrate portions of the endoscope connector that form no part of the claimed design.

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D970,006 S * 11/2022 Ohno D24/138
11,497,903 B2 * 11/2022 Iida A61B 1/00
2018/0185004 A1 * 7/2018 Saiga A61B 1/00114
2021/0113183 A1 * 4/2021 Suzuki G02B 23/24

OTHER PUBLICATIONS

Fuji Im Endoscopy Leading Imaging Innovation, Fujifilm Health-care Americas Corp, youtube.com, [Post date Apr. 21, 2021], [Site seen Nov. 30, 2022], Seen at URL: <https://www.youtube.com/watch?v=YNKWV0DryT4> (Year: 2021).*

* cited by examiner

FIG. 1

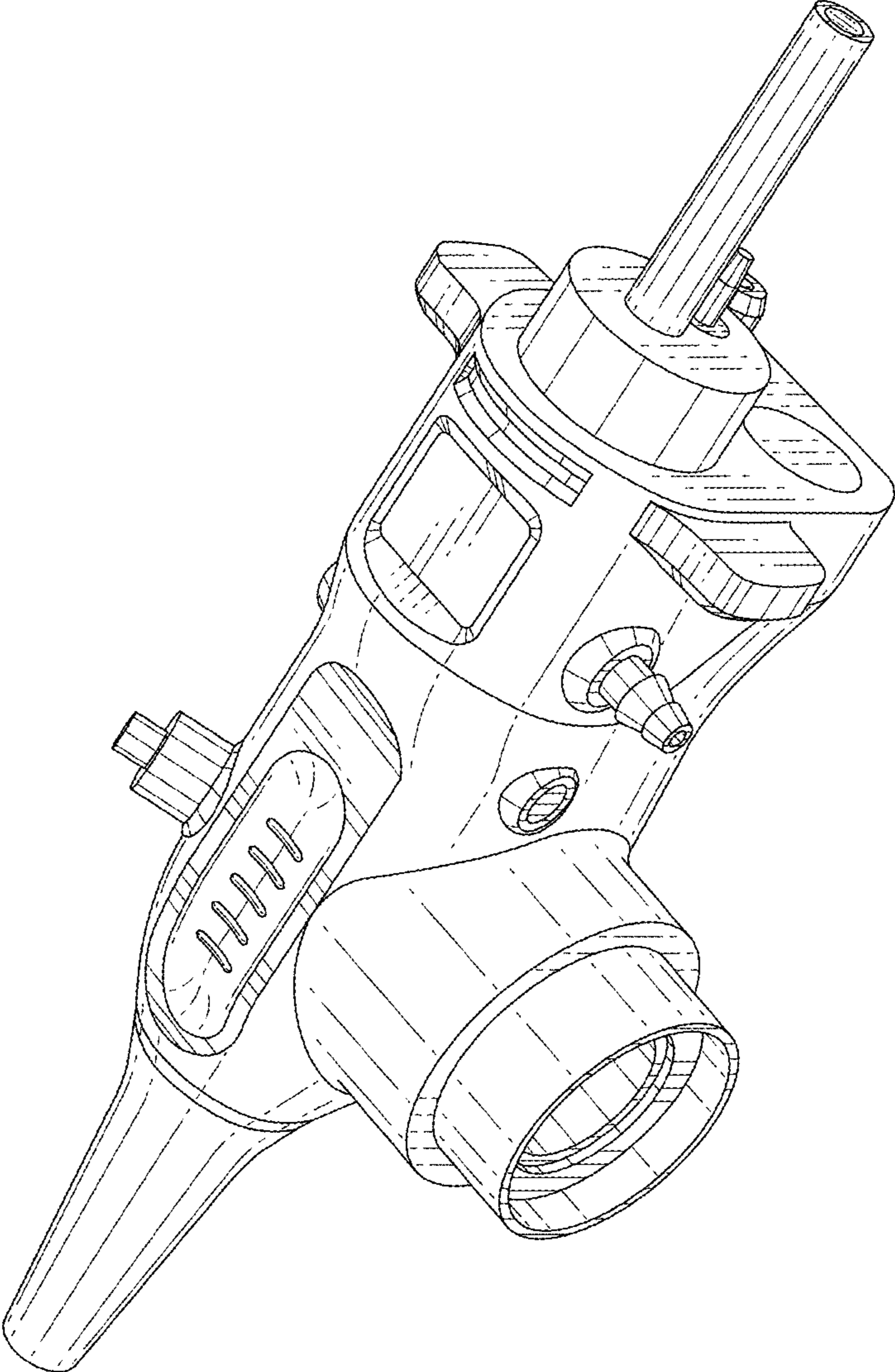


FIG. 2

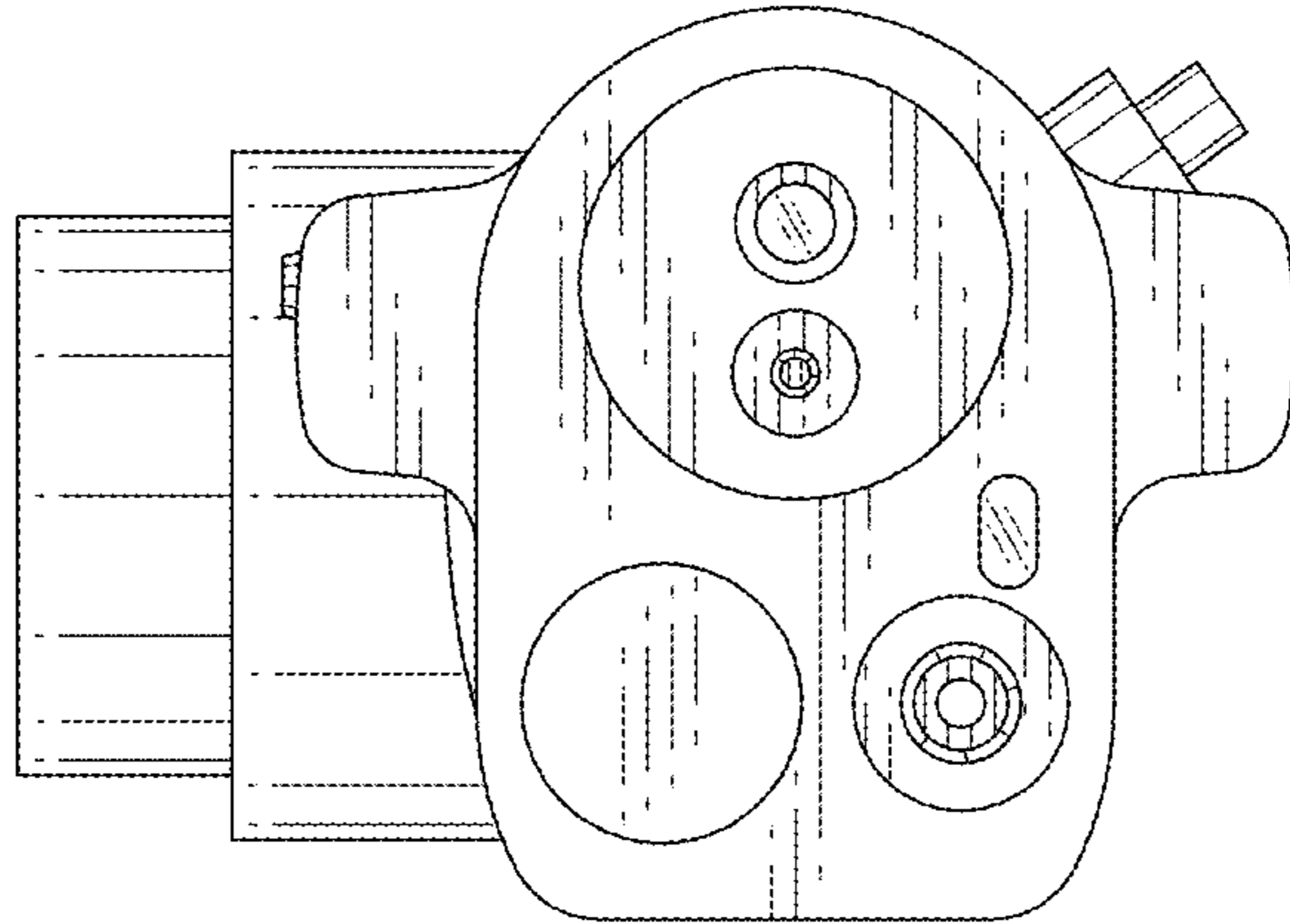


FIG. 3

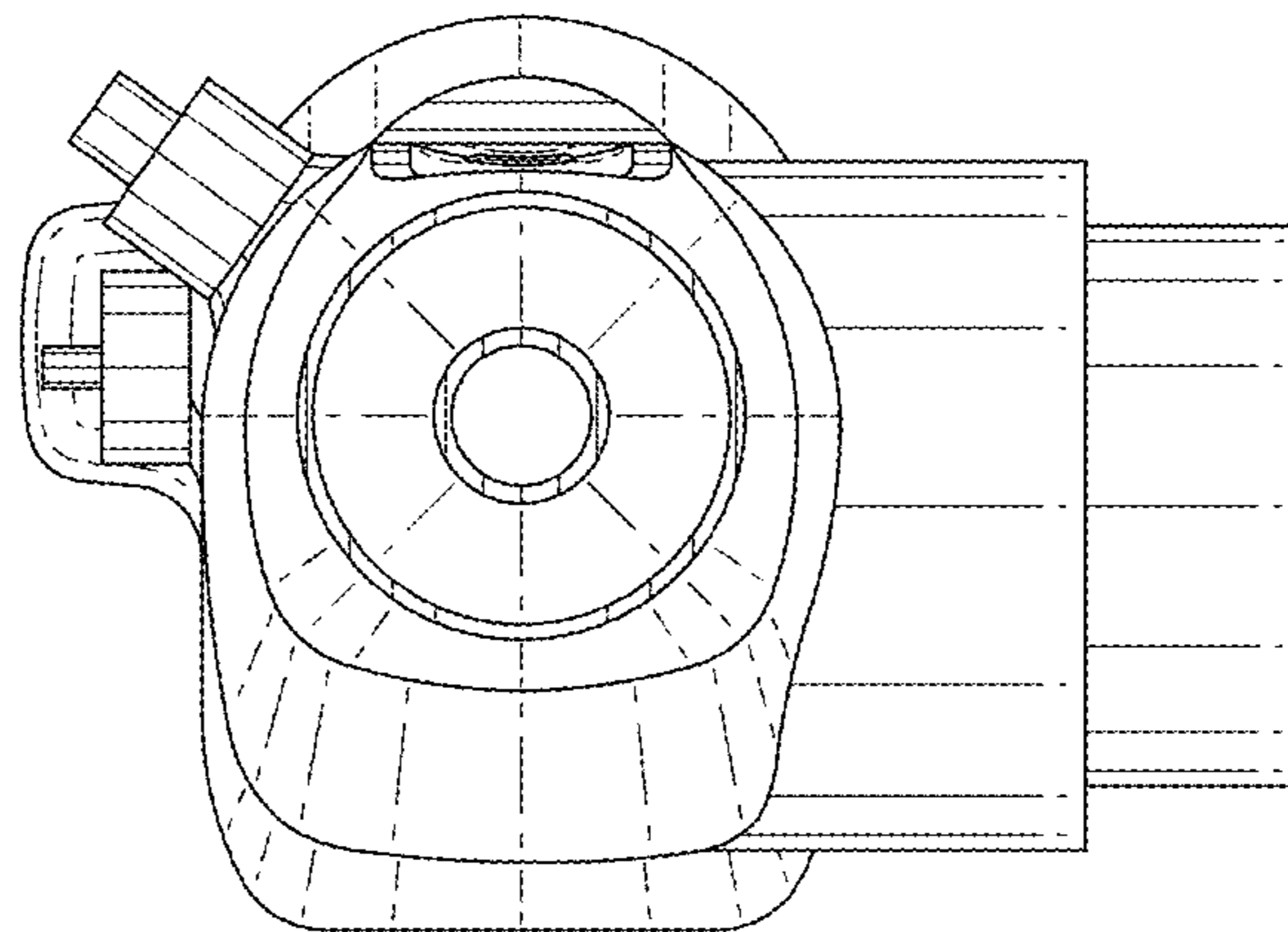


FIG. 4

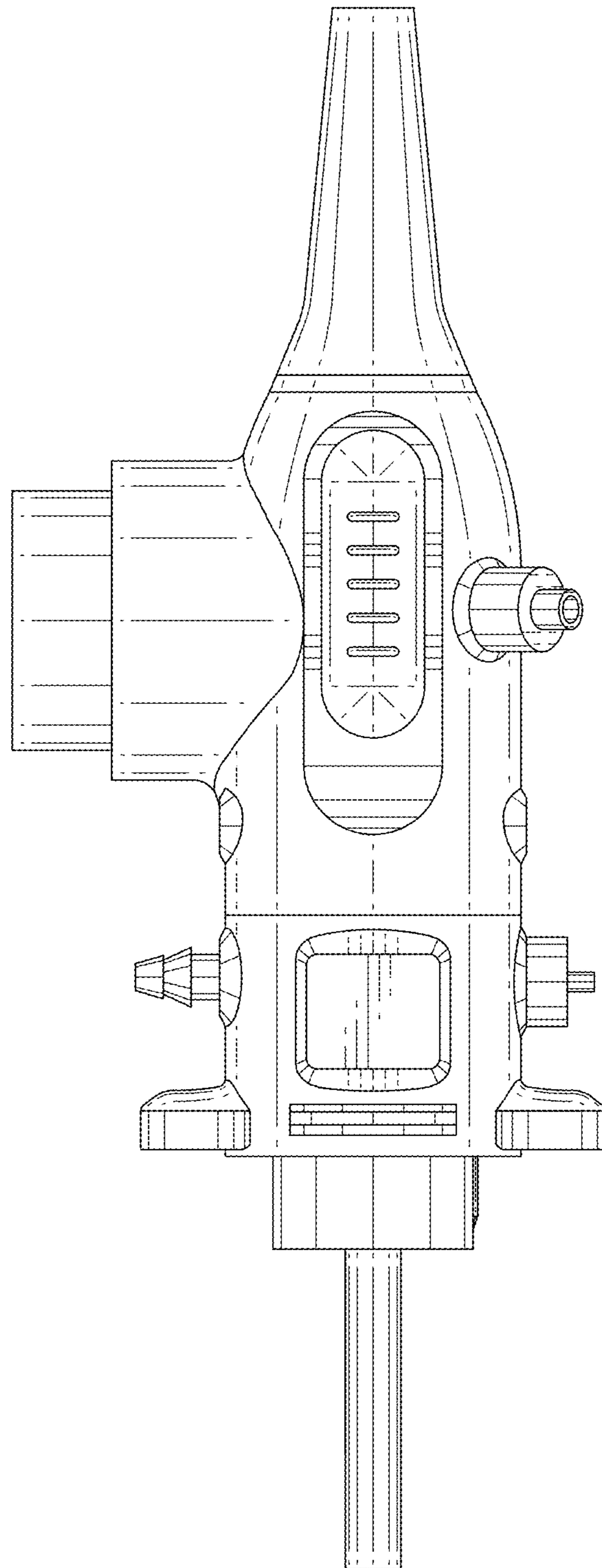


FIG. 5

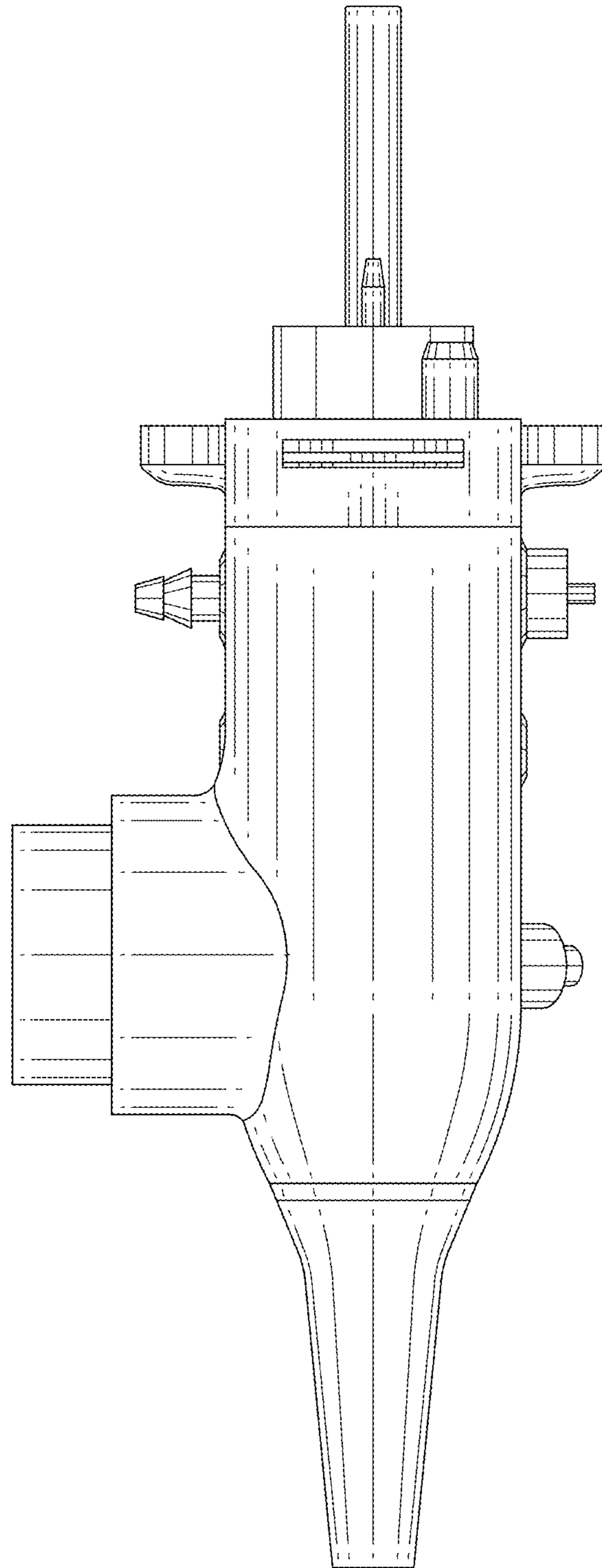


FIG. 6

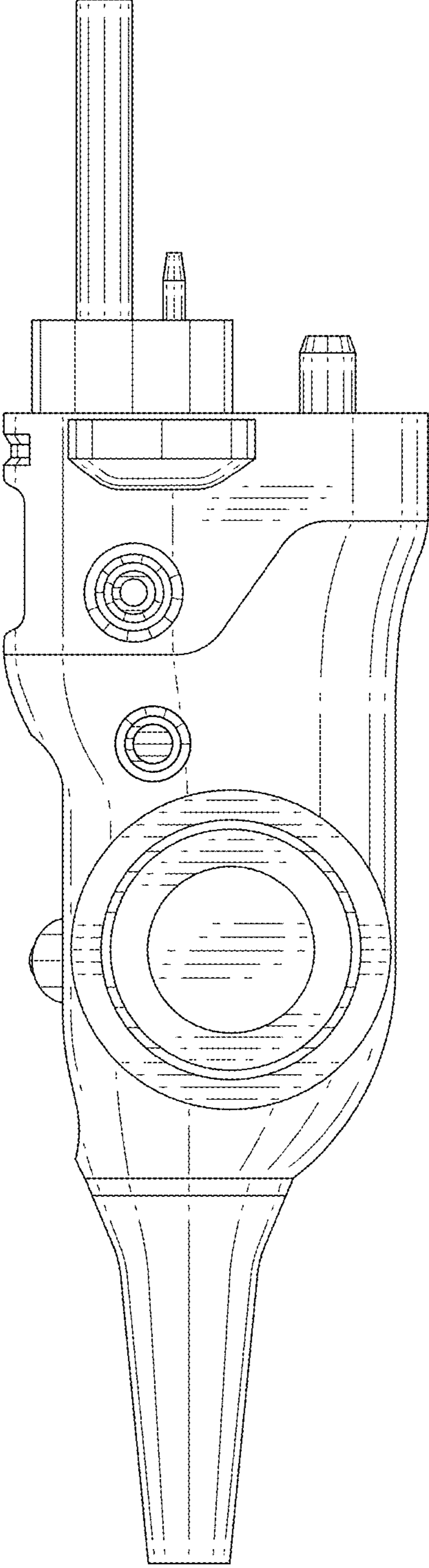


FIG. 7

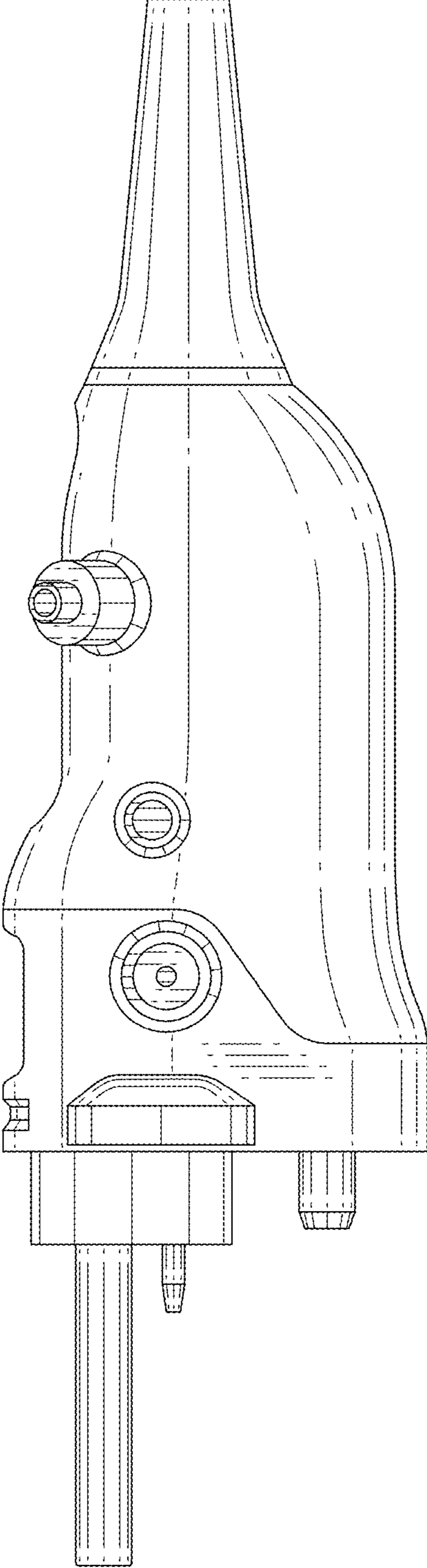


FIG. 8

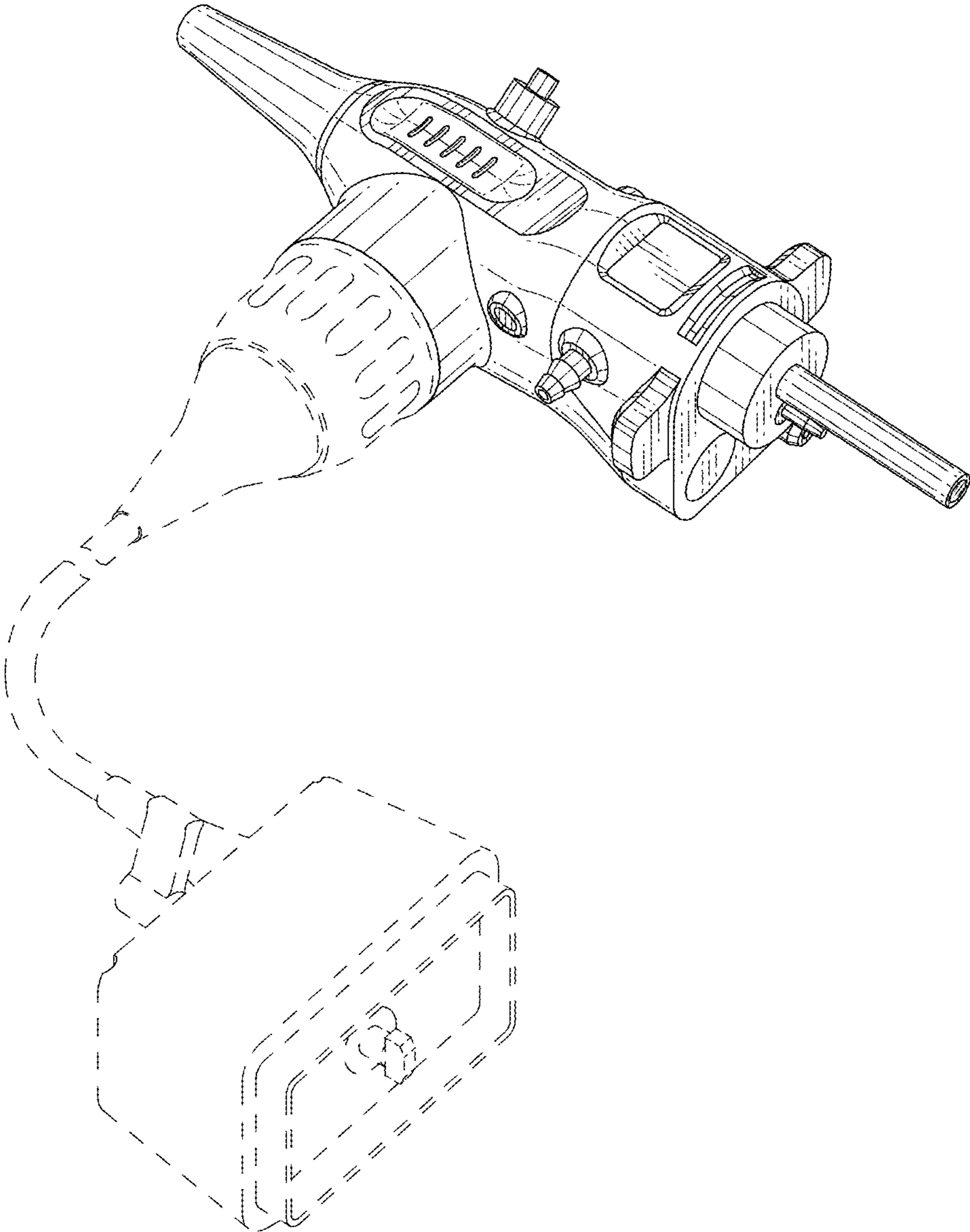


FIG. 9

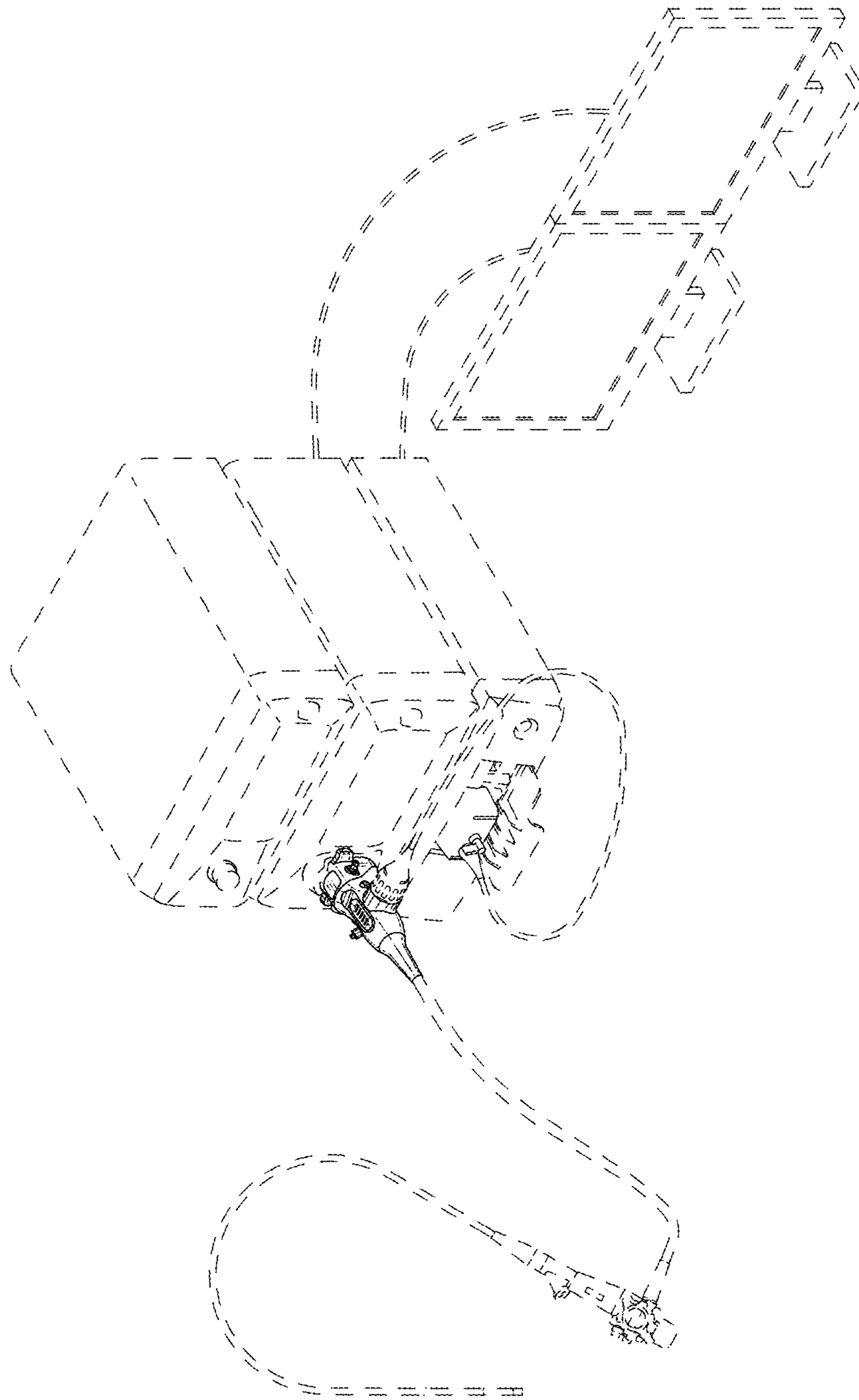


FIG. 10

