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(12) **United States Design Patent**  
**Efinger et al.**

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(54) **RETRACTOR WITH OPTIC SHAFT**

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(73) Assignee: **Karl Storz GmbH & Co. KG** (DE)

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(51) **LOC (9) Cl.** ..... **24-02**

(52) **U.S. Cl.** ..... **D24/137; D24/135**

(58) **Field of Classification Search** ..... D24/133,  
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D23/235; D8/40, 47, 57, 60, 67, 68, 69,  
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600/112, 131, 135, 160, 162, 215, 431, 564,  
600/568, 184, 220-223, 224, 225-227, 201-203,  
600/210-218; 606/129, 186, 4, 5, 6, 7, 102,  
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81/9.22; 604/48

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a retractor with optic shaft, as shown and described.

**DESCRIPTION**

FIG. 1 is a right side perspective view of a retractor with optic shaft in accordance with the new design;

FIG. 2 is a right side elevation view thereof;

FIG. 3 is a left side elevation view thereof;

FIG. 4 is a top elevation view thereof;

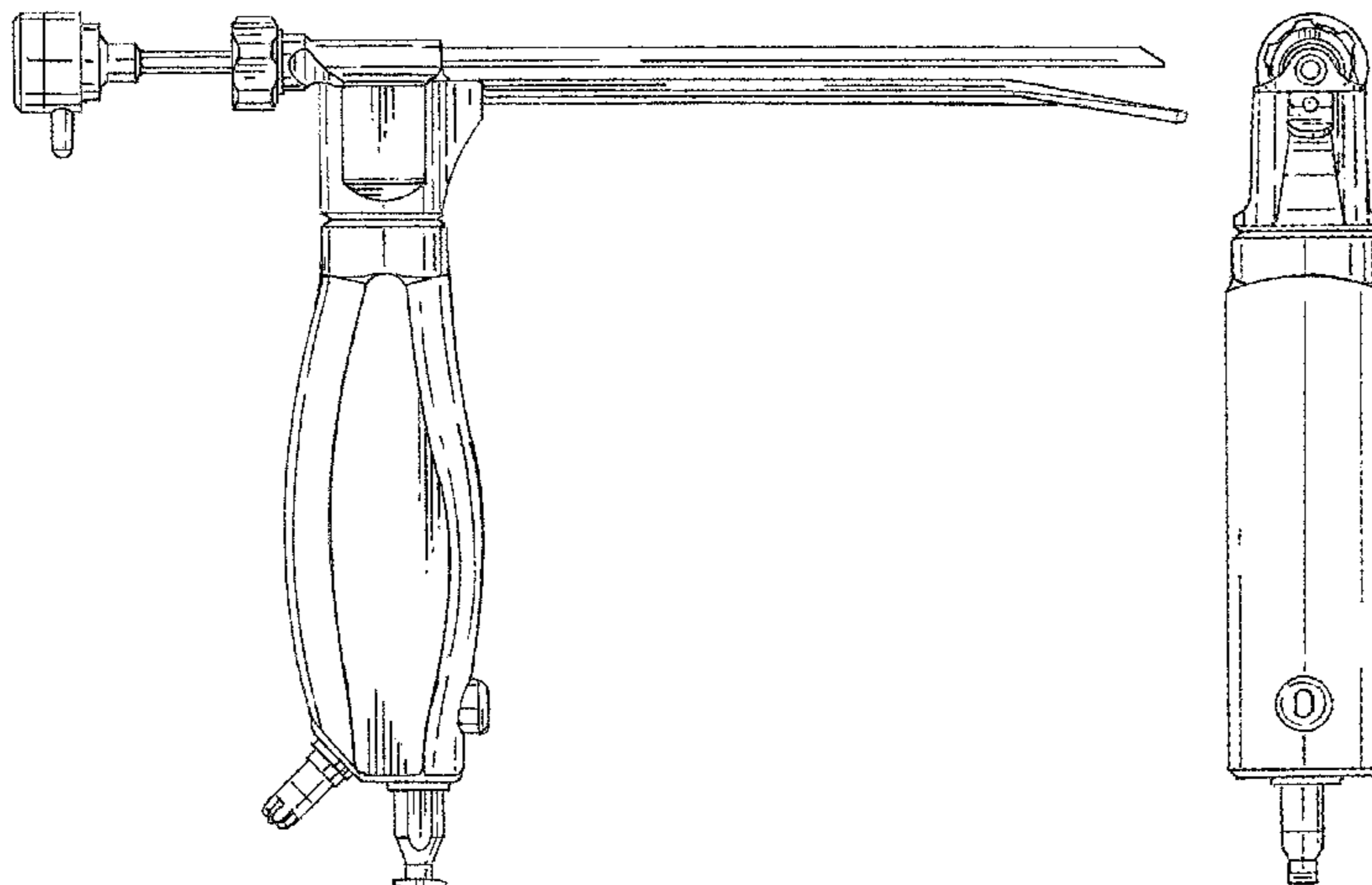
FIG. 5 is a bottom elevation view thereof;

FIG. 6 is a front elevation view thereof; and,

FIG. 7 is a rear elevation view thereof.

The broken line showing in FIGS. 1 and 7 is included for the purpose of illustrating portions of the article that form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



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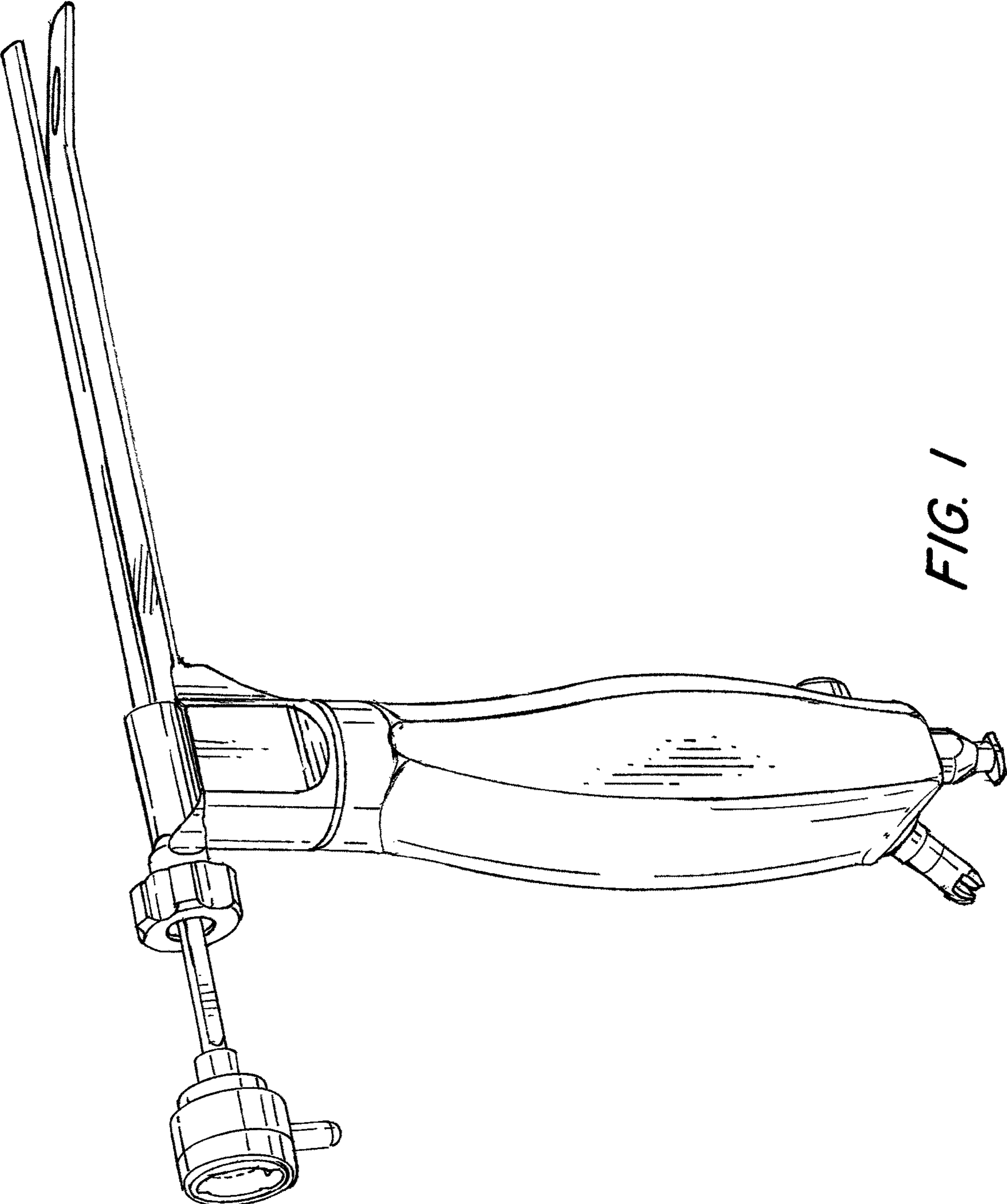


FIG. 1

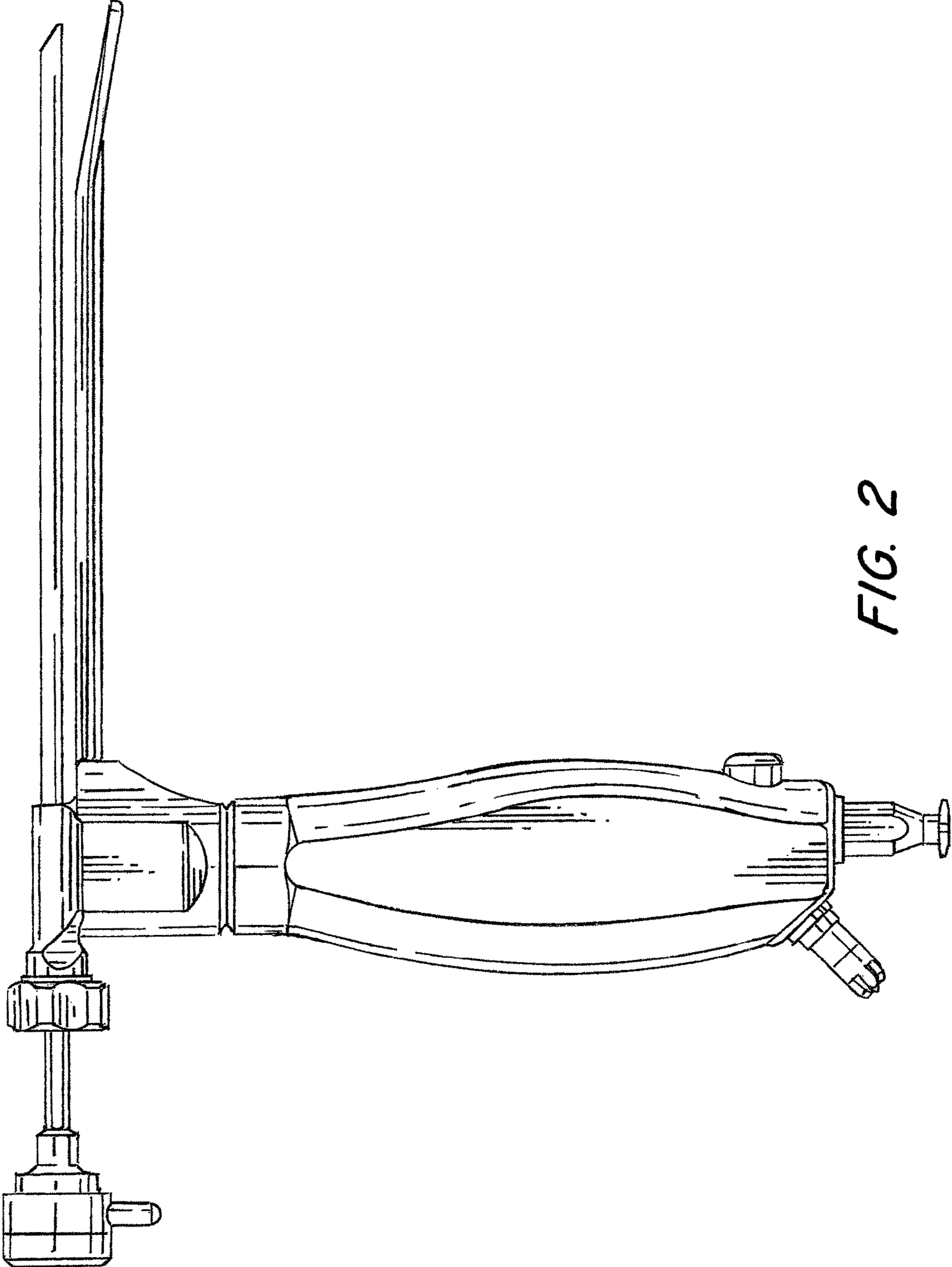


FIG. 2

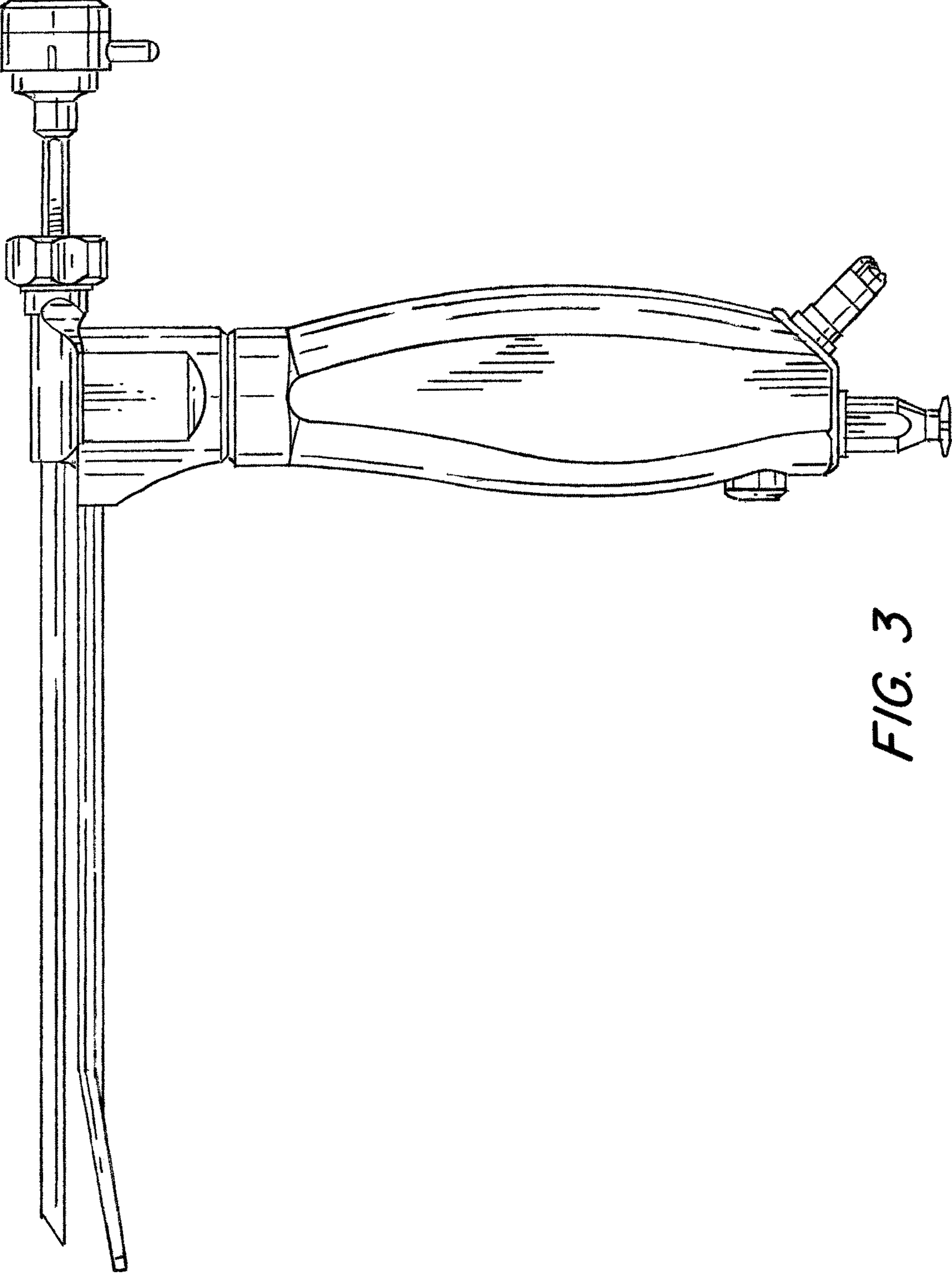
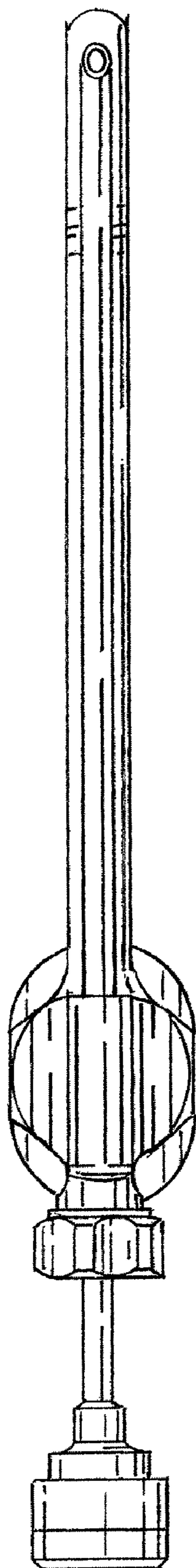
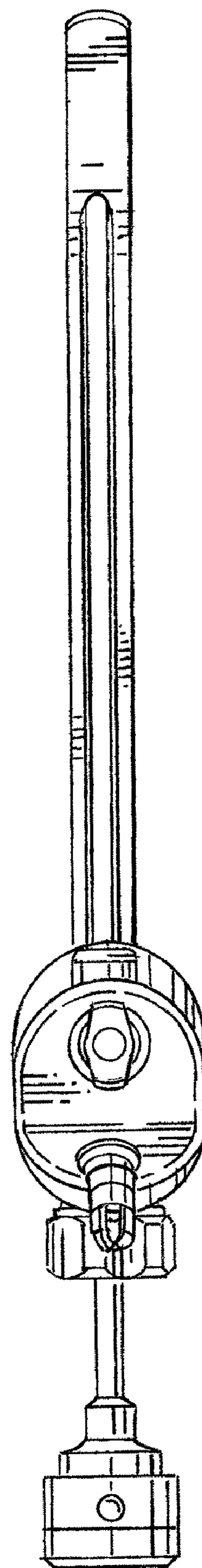


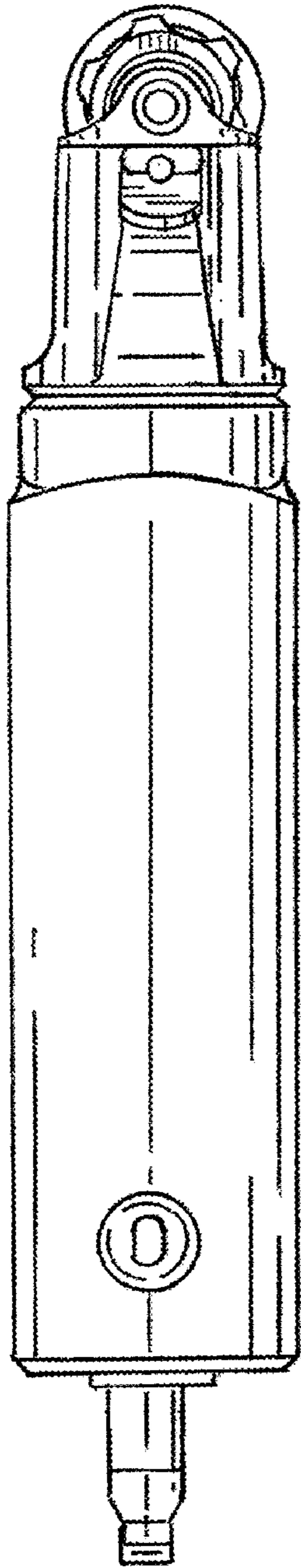
FIG. 3



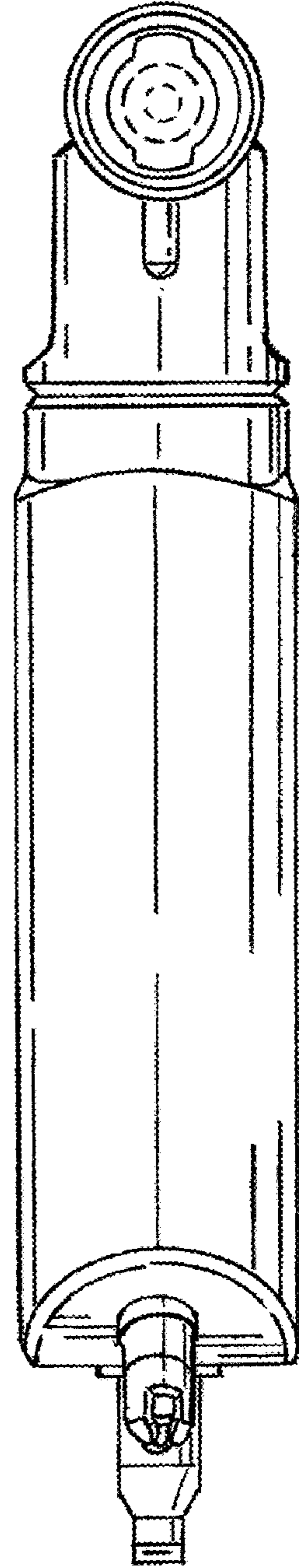
*FIG. 4*



*FIG. 5*



*FIG. 6*



*FIG. 7*