



US00D518177S

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

(10) **Patent No.:** **US D518,177 S**
(45) **Date of Patent:** **** Mar. 28, 2006**

(54) **SAFETY TROCAR WITH PROGRESSIVE CUTTING TIP GUARDS AND GAS JET TISSUE DEFLECTOR**

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(73) Assignee: **Erblan Surgical, Inc.**, Belmont, MA (US)

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

(21) Appl. No.: **29/156,875**

(22) Filed: **Mar. 8, 2002**

(51) **LOC (8) Cl.** **24-02**

(52) **U.S. Cl.** **D24/146**

(58) **Field of Classification Search** D24/146,
D24/147, 130; 606/184, 167, 170, 185; 604/164.01,
604/164.07, 264, 506, 274

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a safety trocar with progressive cutting tip guards and gas jet tissue deflector, as shown and described.

DESCRIPTION

FIG. 1 is a top, front and right side perspective view of a safety trocar with progressive cutting tip guards and gas jet tissue deflector showing my new design, the bottom and left front perspective view thereof being a mirror image of the perspective view shown, wherein the cutting blade thereof is shown in a guarded position;

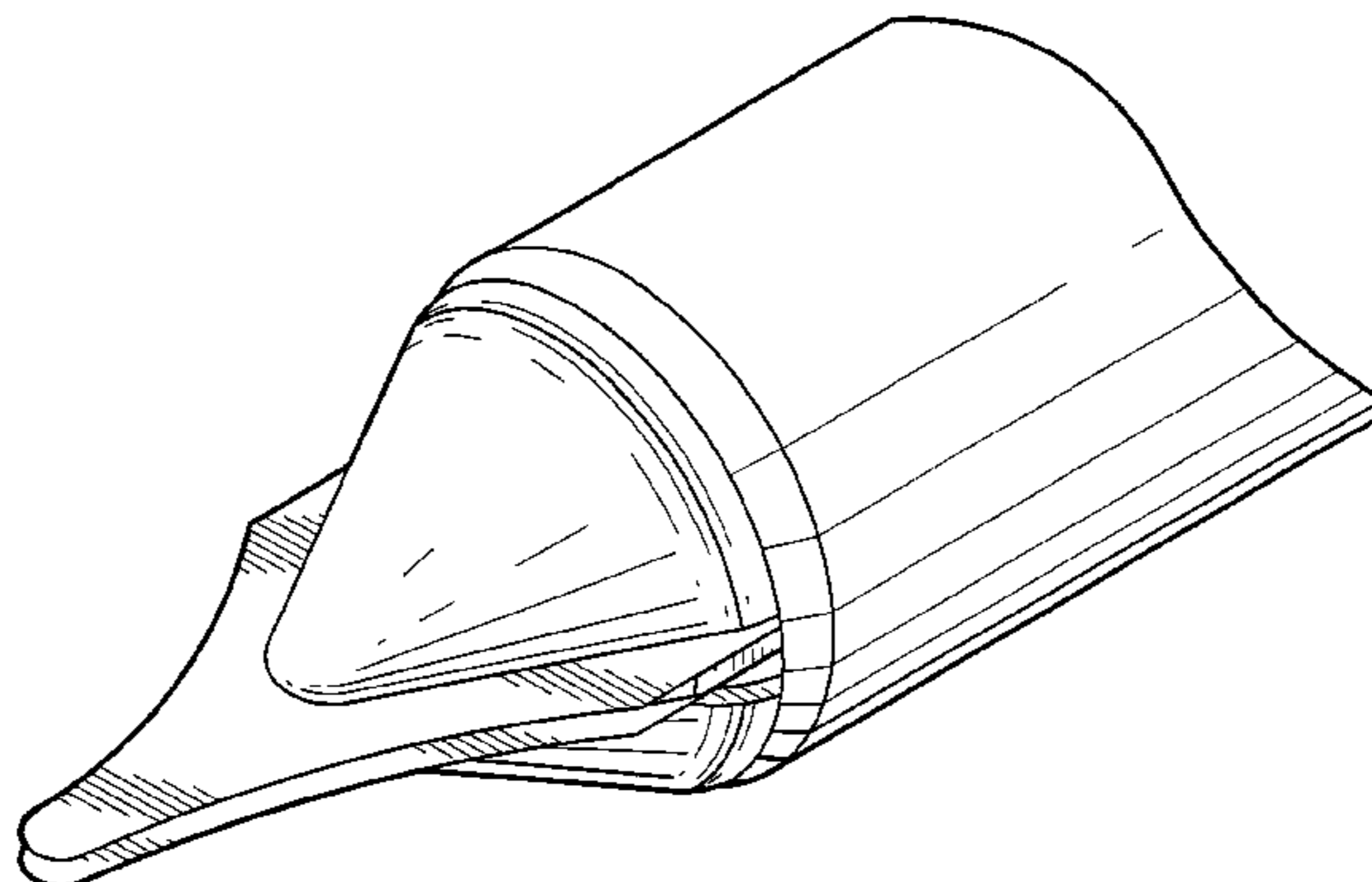
FIG. 2 is a top, front and right side perspective view thereof, the bottom and left front perspective being a mirror image of the perspective view shown, the cutting tip being shown in a partially exposed position;

FIG. 3 is a top, front and right side perspective view thereof, the bottom left and front perspective view being a mirror image thereof, wherein the cutting blade is shown in fully exposed position, with the guards retracted; and,

FIG. 4 is a perspective view as seen in FIG. 1.

The phantom lines showing in the drawings is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 3 Drawing Sheets



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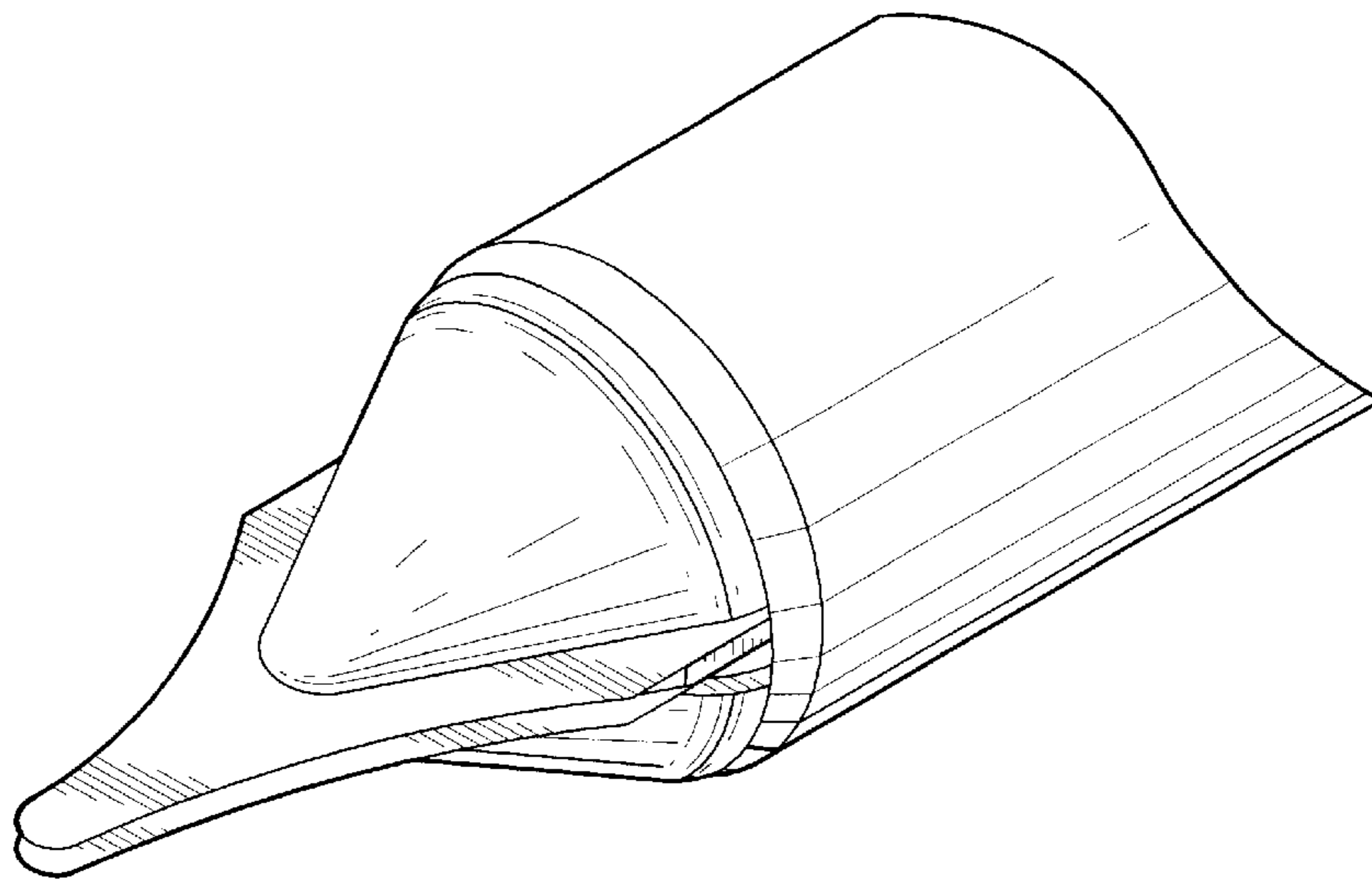


FIG. 1

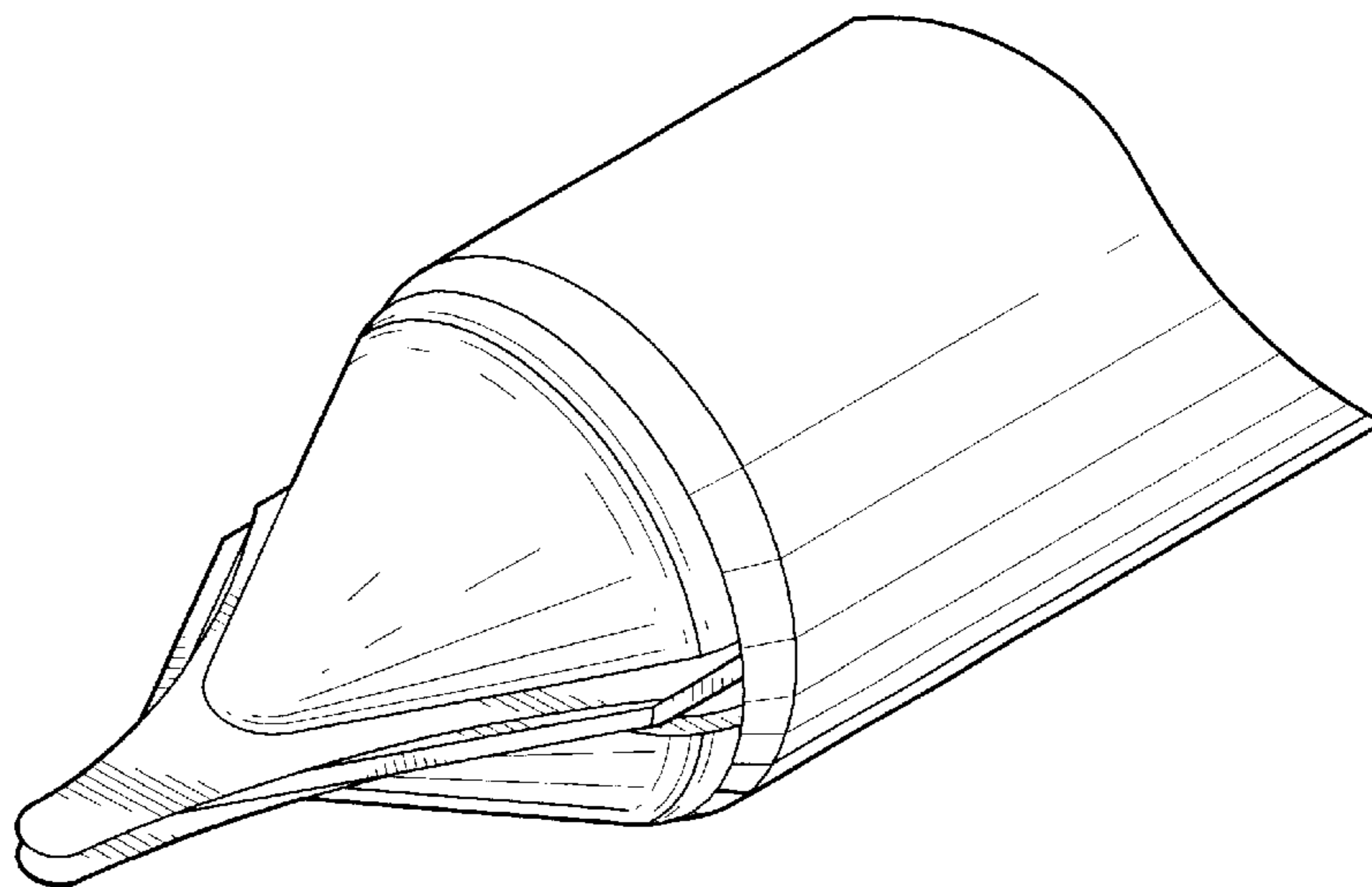


FIG. 2

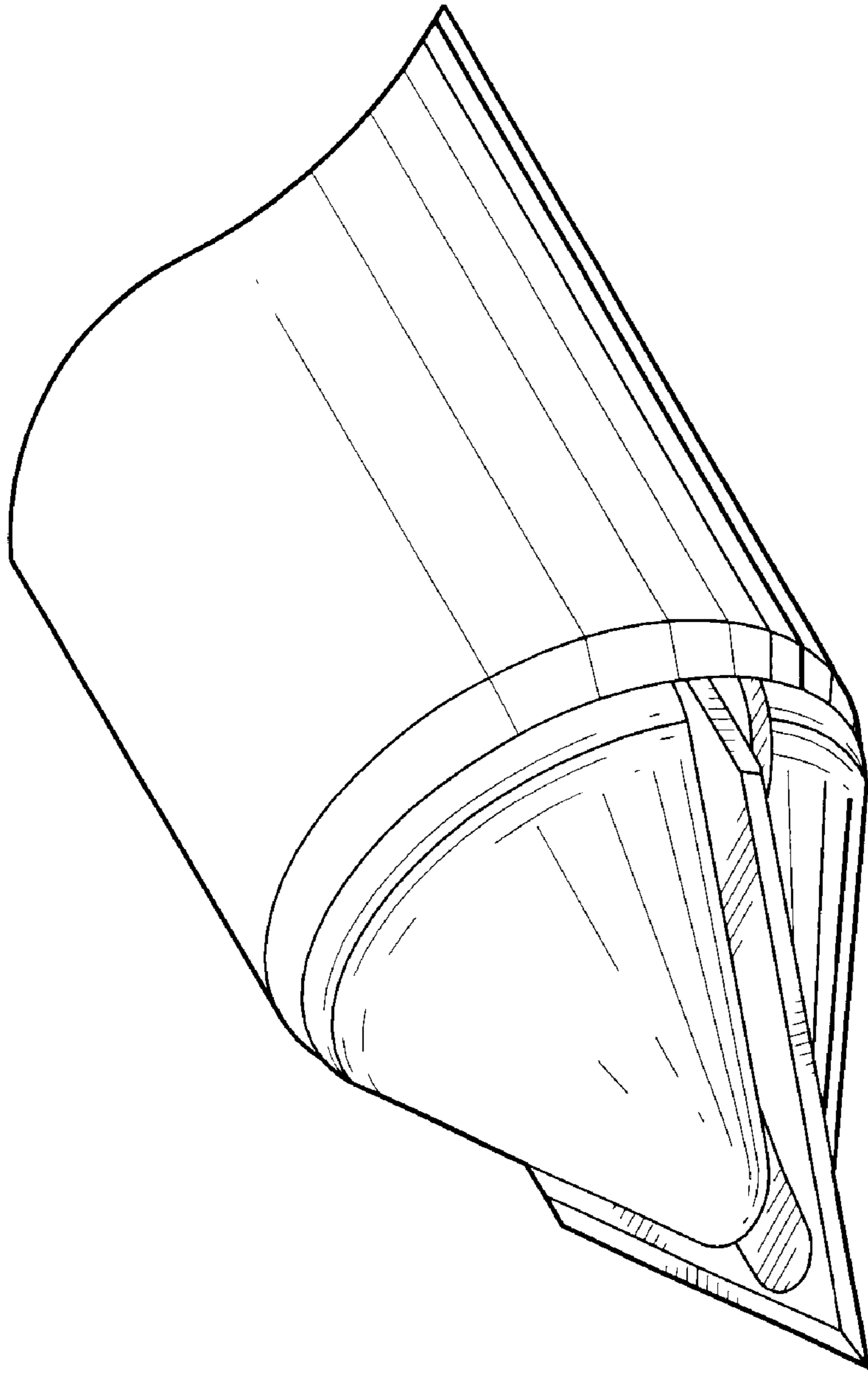


FIG. 3

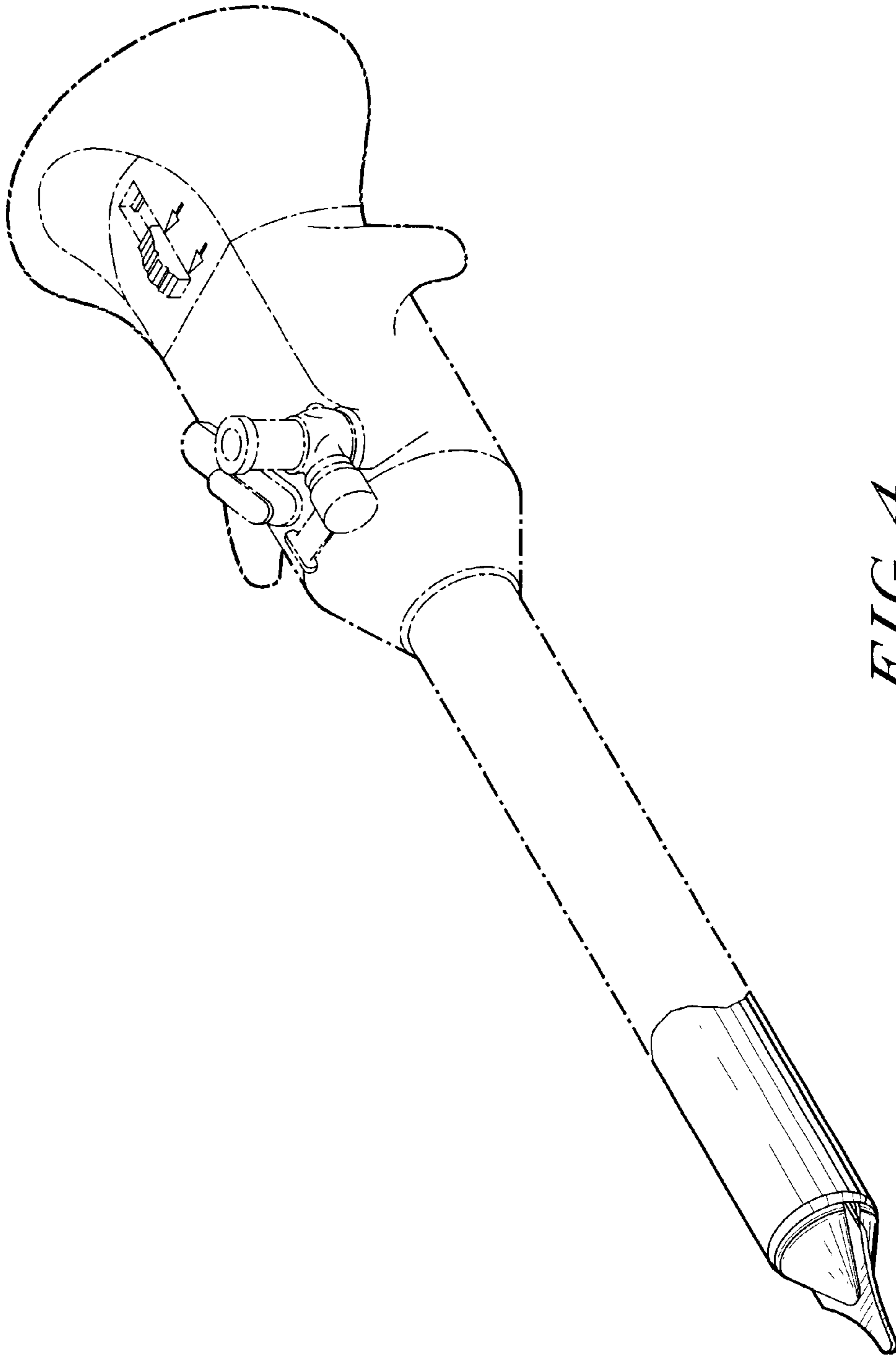


FIG. 4