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

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(54) **VACUUM GRIPPER**

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

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Related U.S. Application Data

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(30) **Foreign Application Priority Data**

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(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/133**

(58) **Field of Classification Search**
USPC D24/133, 143, 144, 145, 146-149, 153,
D24/138, 140, 112, 114; 600/567, 566, 576;
606/92, 93, 94, 170, 185, 53, 142, 143,
606/205, 207, 49-52, 107, 206, 208, 101
See application file for complete search history.

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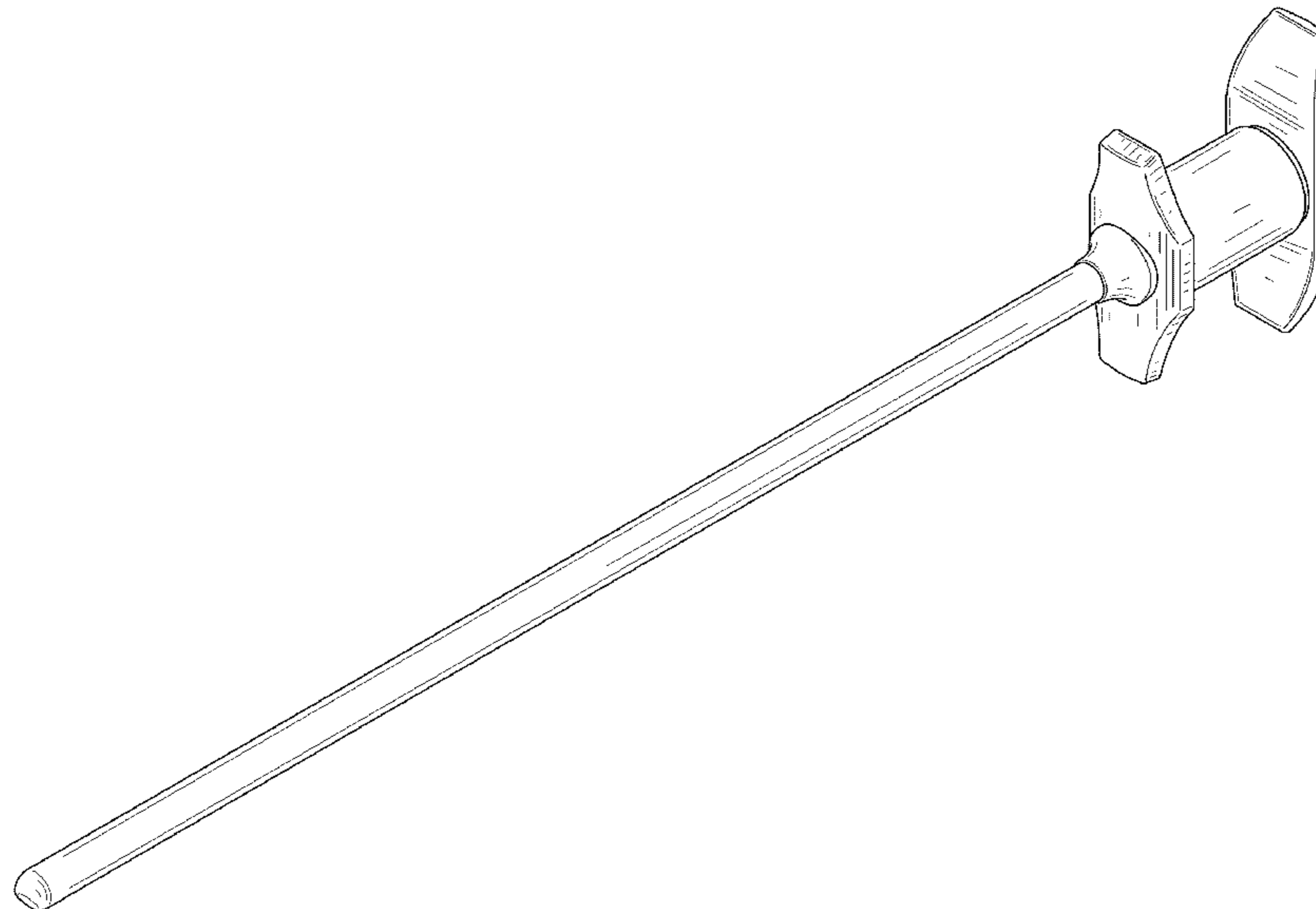
(57) **CLAIM**

The ornamental design for a vacuum gripper, as shown and described.

DESCRIPTION

FIG. 1 is a left side elevational view of a vacuum gripper showing our new design.
FIG. 2 is a right side elevational view thereof.
FIG. 3 is a front elevational view thereof.
FIG. 4 is a rear elevational view thereof.
FIG. 5 is a bottom plan view thereof.
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a perspective view thereof.

1 Claim, 6 Drawing Sheets



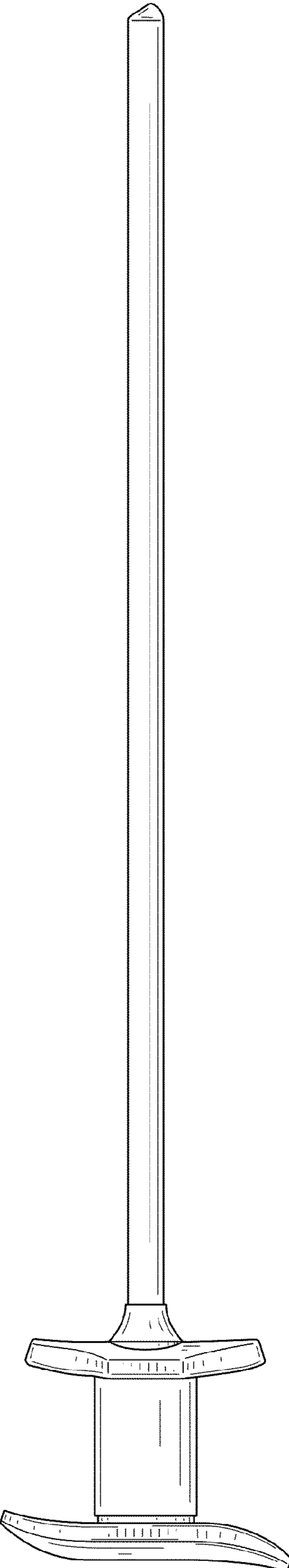


FIG. 1

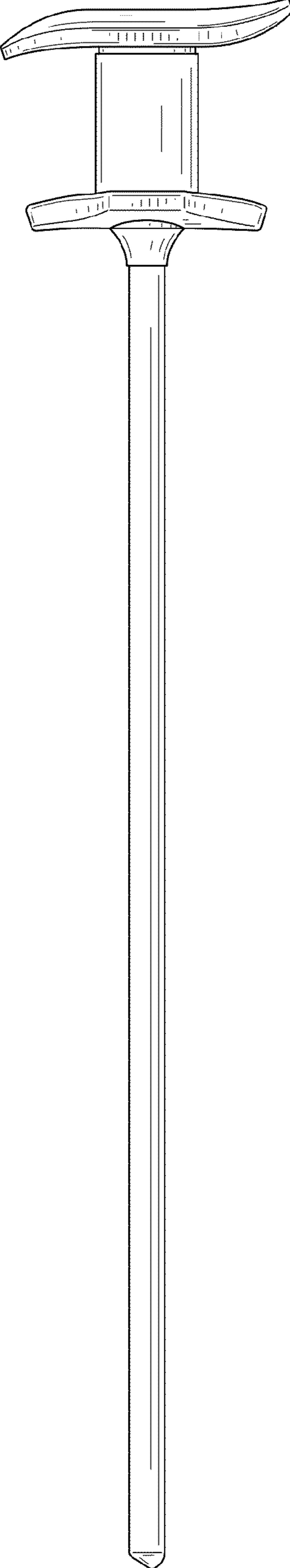


FIG. 2

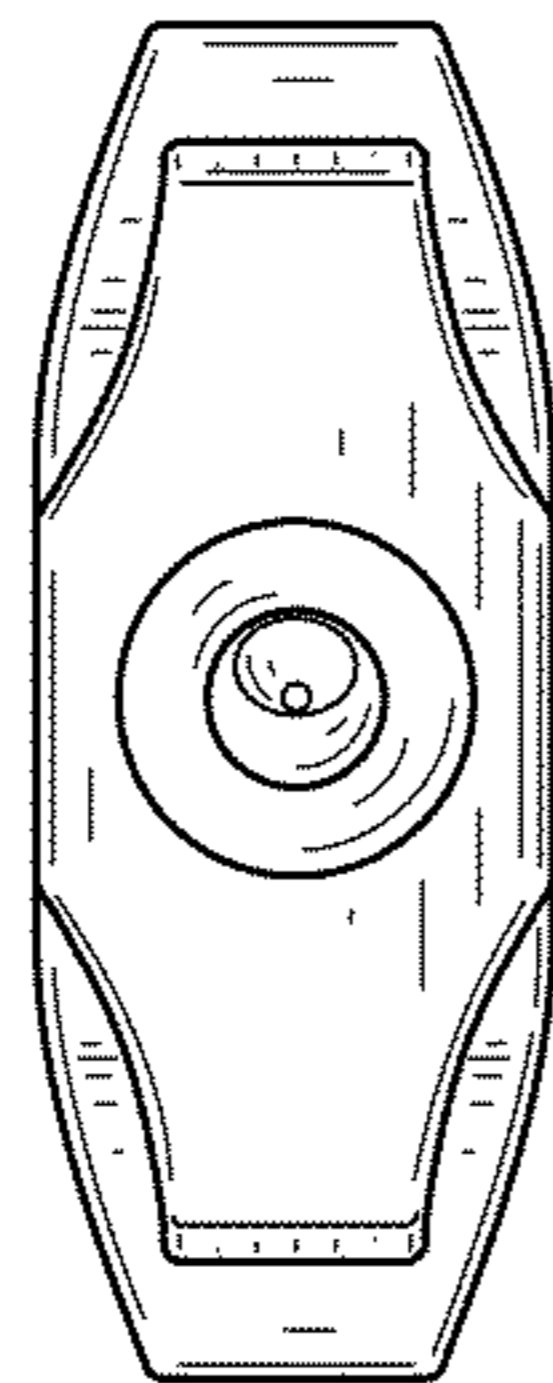


FIG. 3

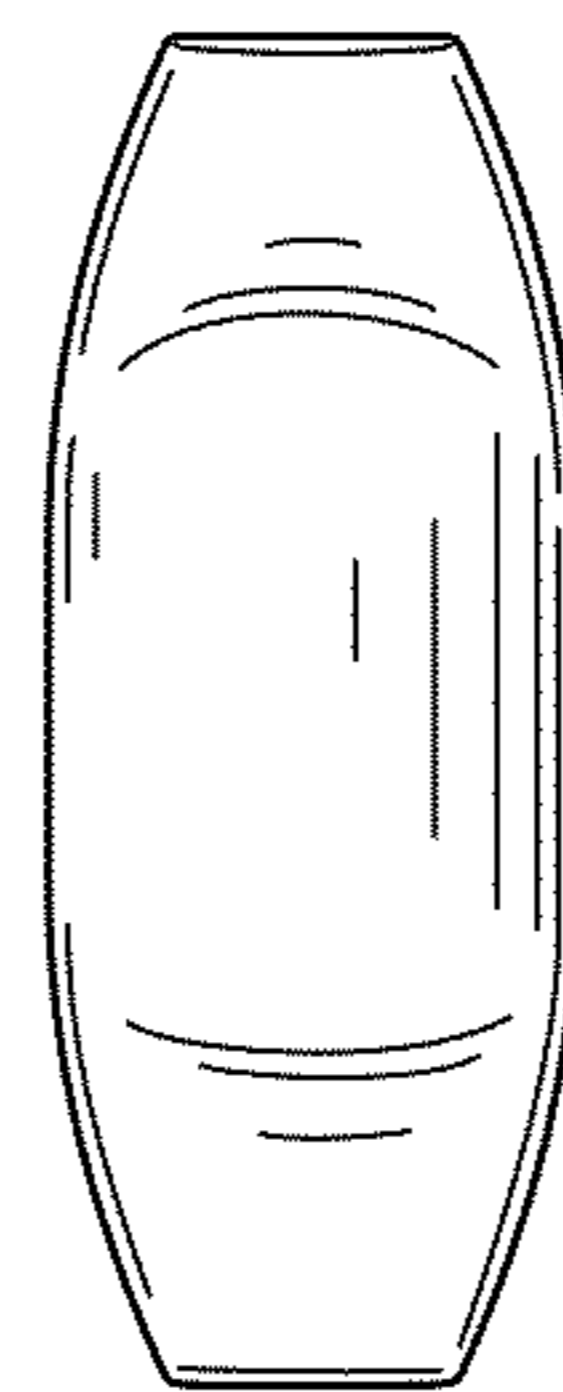


FIG. 4

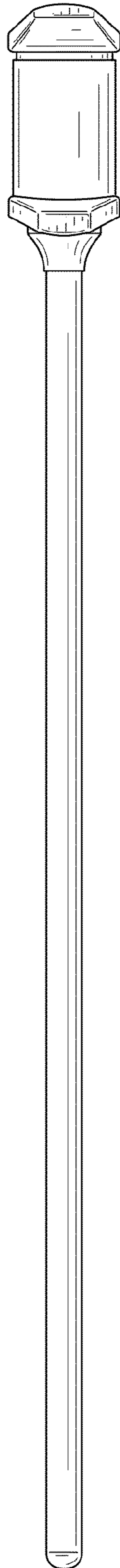


FIG. 5

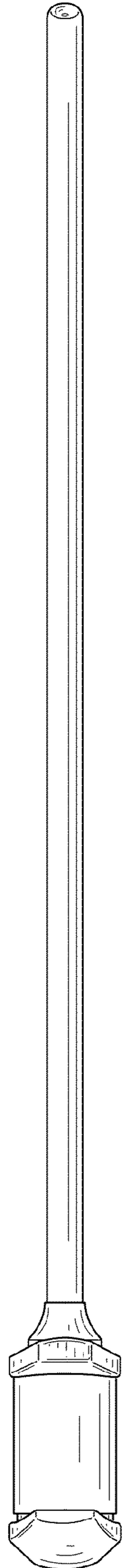


FIG. 6

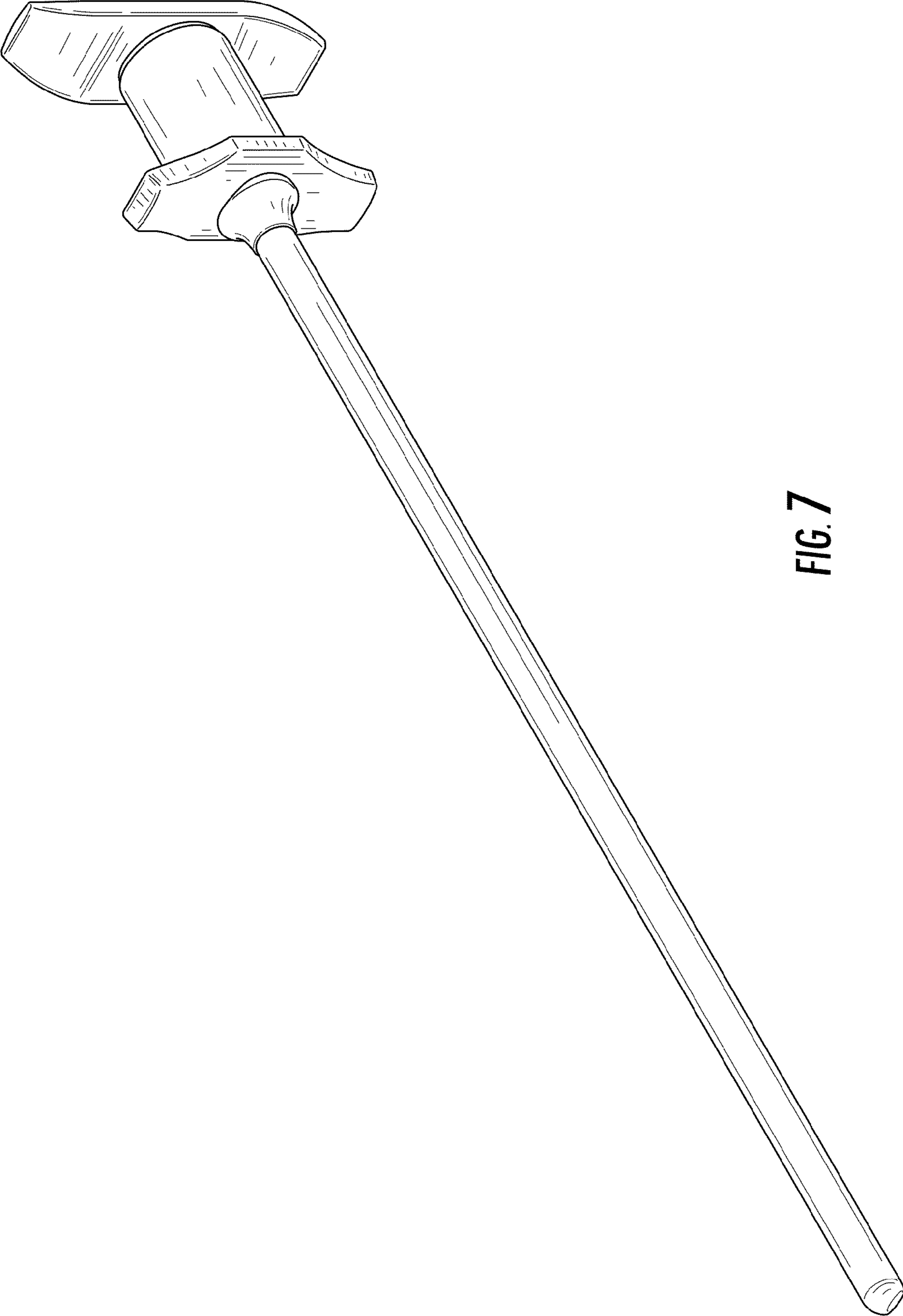


FIG. 7