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

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(54) **VACUUM GRIPPER**

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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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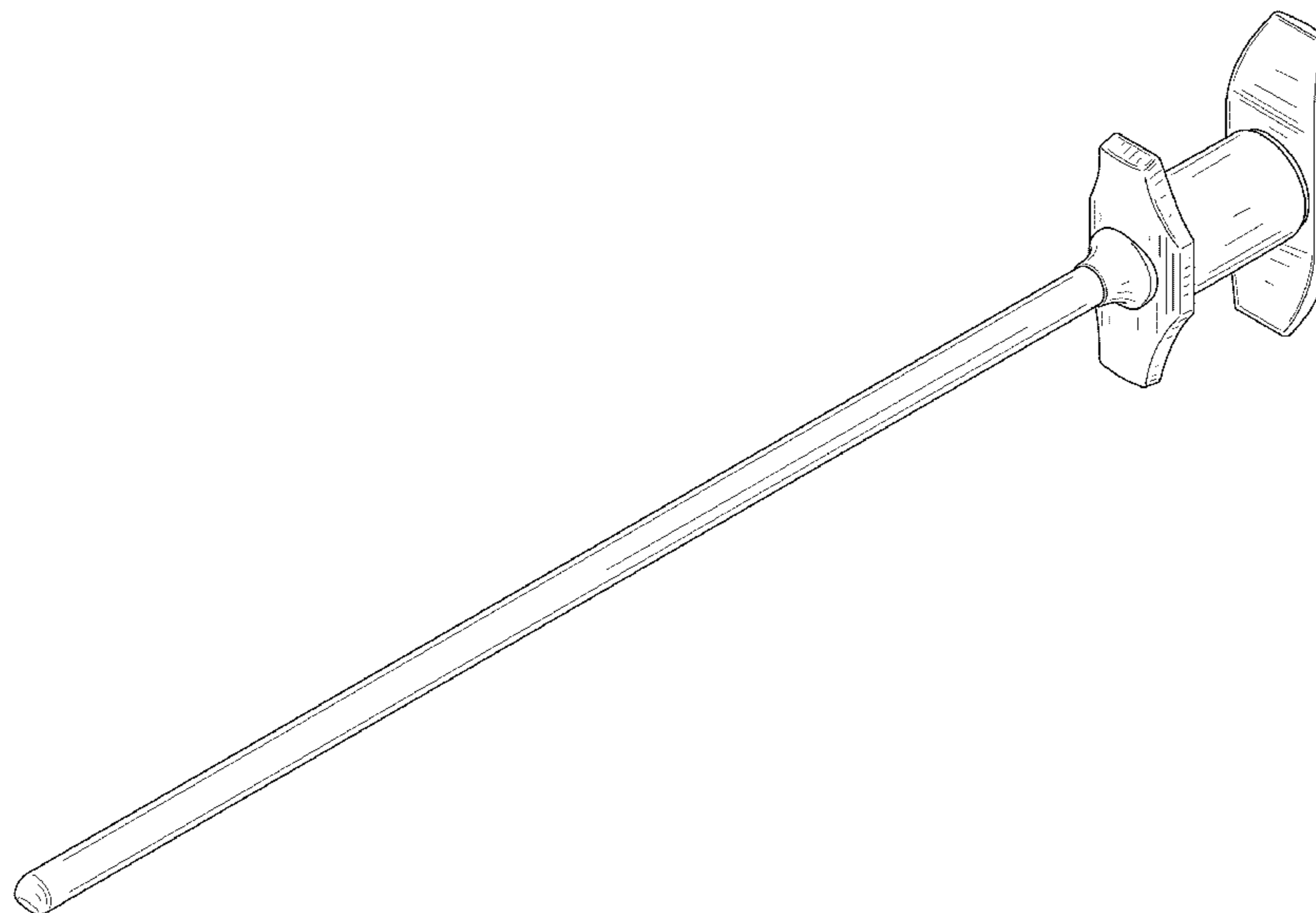
(57) **CLAIM**

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**



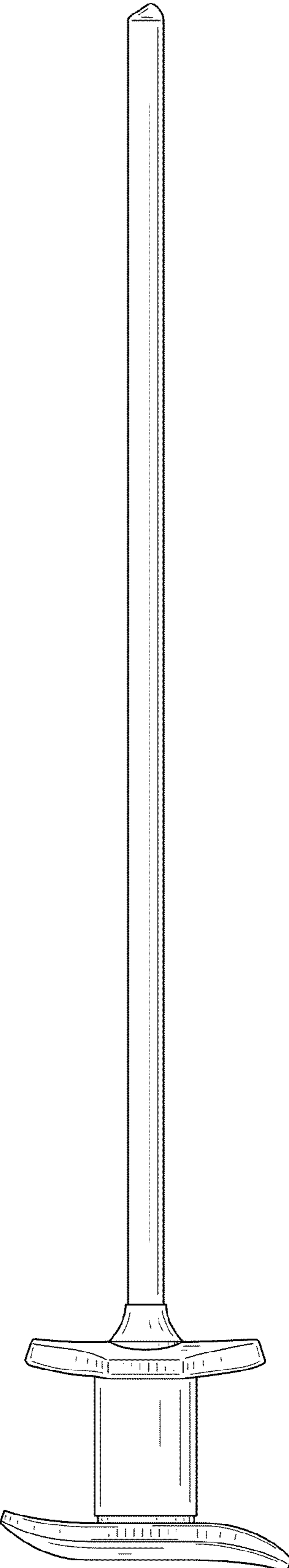


FIG. 1

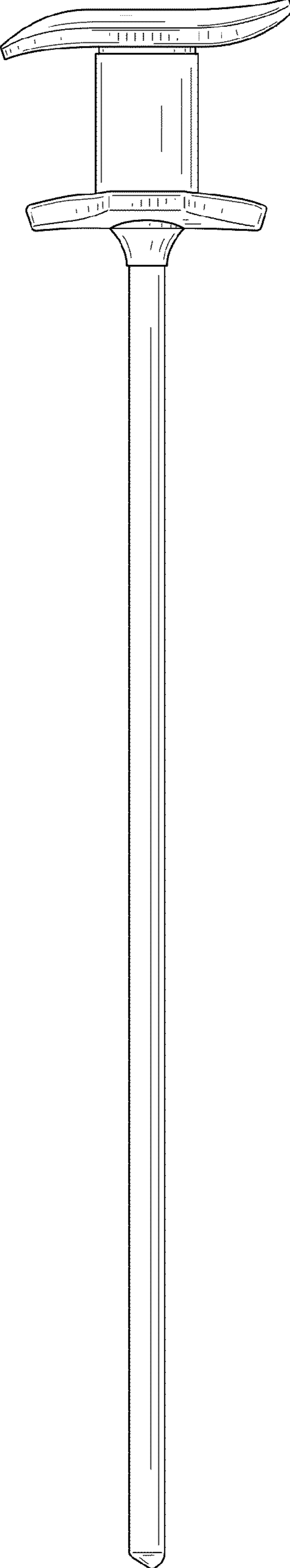
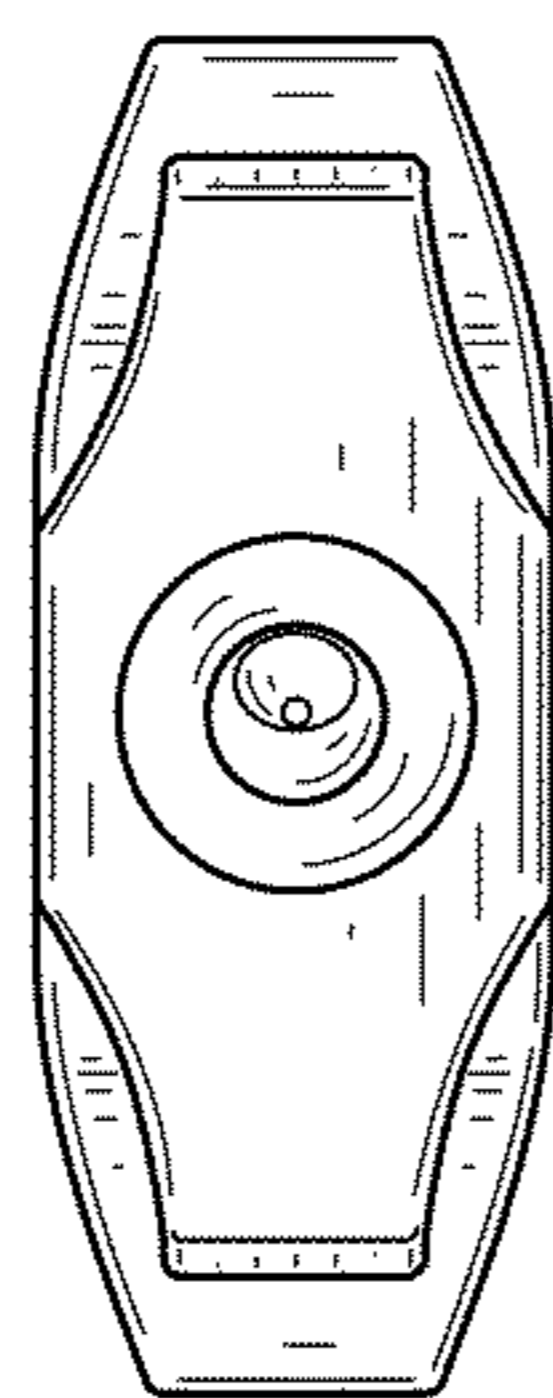


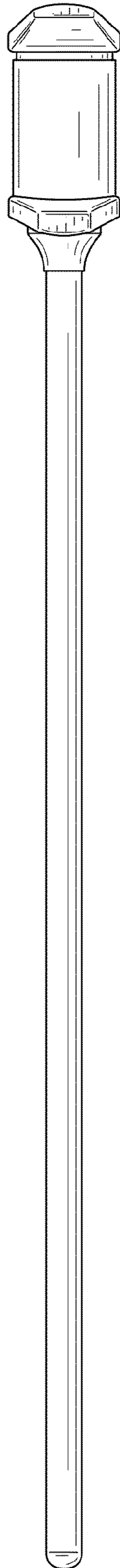
FIG. 2



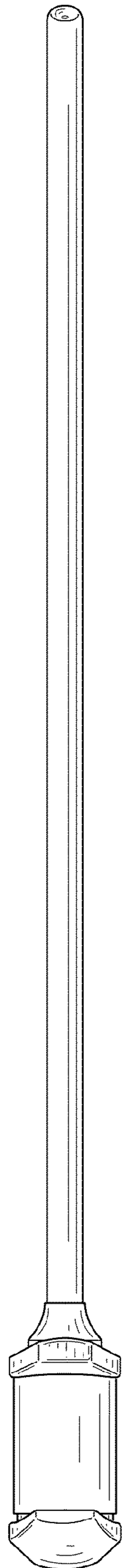
**FIG. 3**



**FIG. 4**



**FIG. 5**



**FIG. 6**

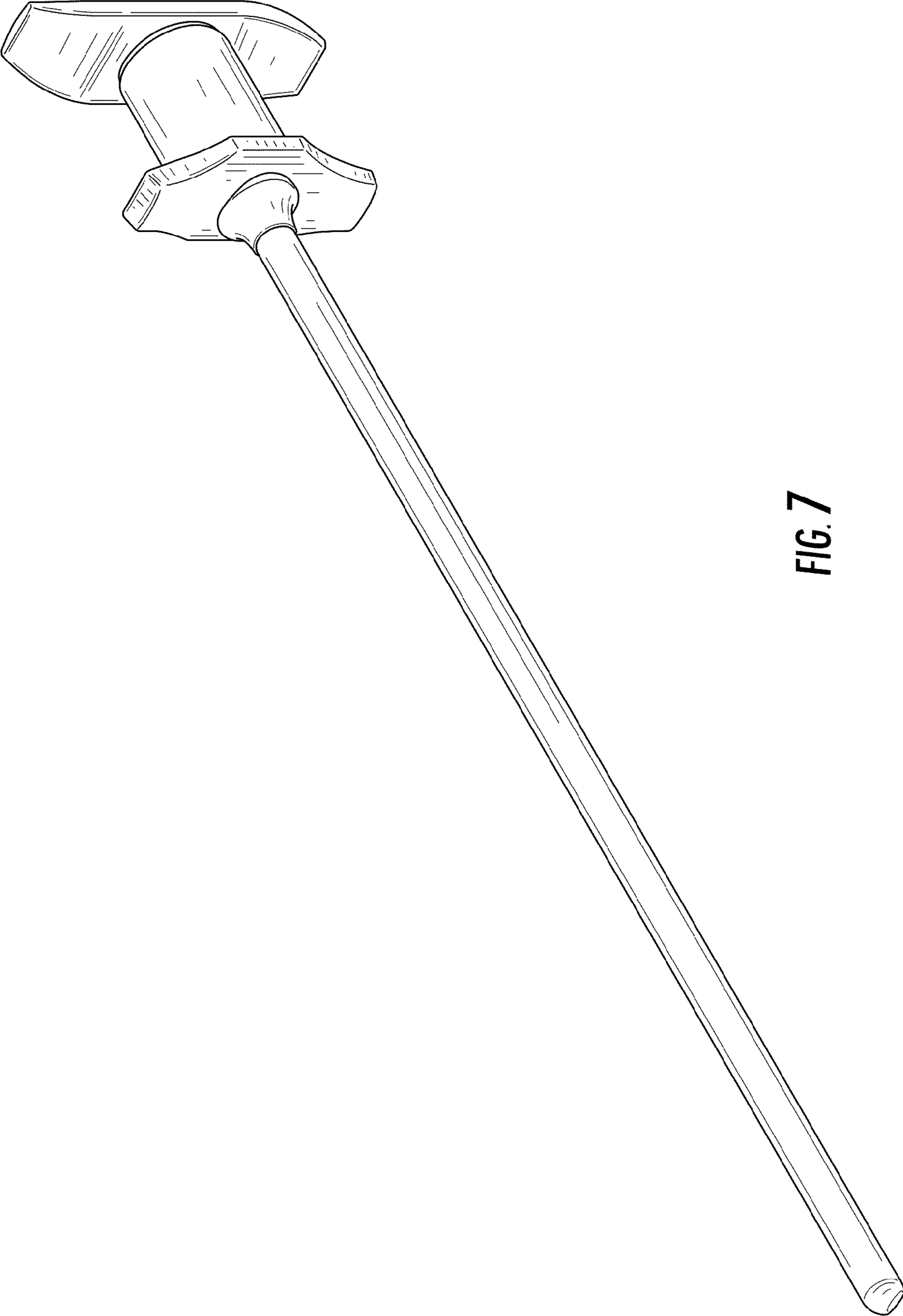


FIG. 7