



US00D707356S

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

(10) **Patent No.:** **US D707,356 S**
(45) **Date of Patent:** **** Jun. 17, 2014**

(54) **VACUUM GRIPPER**

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

(21) Appl. No.: **29/401,034**

(22) Filed: **Sep. 6, 2011**

(30) **Foreign Application Priority Data**

Mar. 3, 2011 (EM) 001830274-0014

(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 of the vacuum gripper of FIG. 1.

FIG. 3 is a front elevational view of the vacuum gripper of FIG. 1.

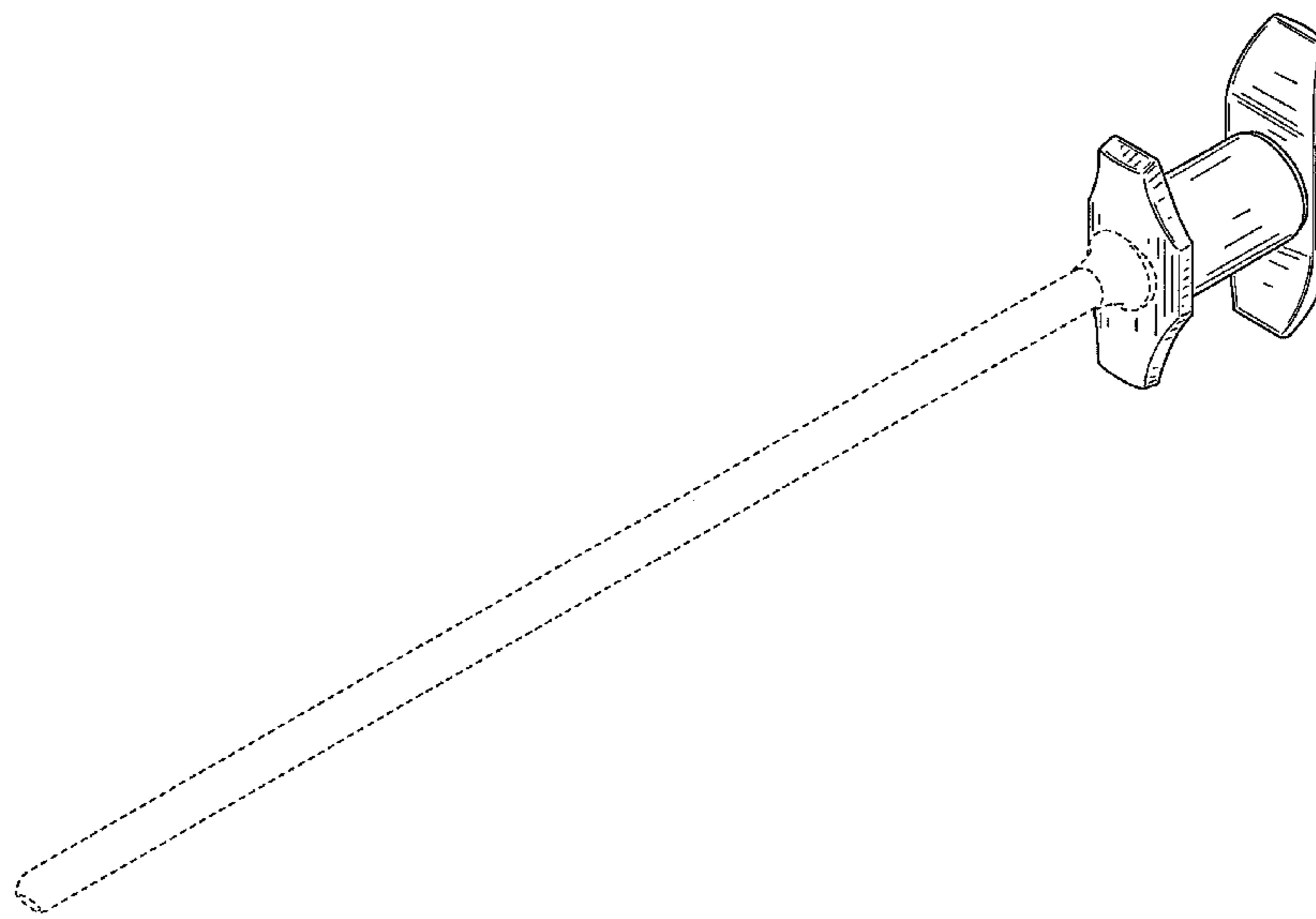
FIG. 4 is a rear elevational view of the vacuum gripper of FIG. 1.

FIG. 5 is a bottom plan view of the vacuum gripper of FIG. 1.

FIG. 6 is a top plan view of the vacuum gripper of FIG. 1; and, FIG. 7 is a three quarter view of the vacuum gripper of FIG. 1.

The dashed lines illustrate environment that does not form a part of the present invention, and no claim is made to the material illustrated with dashed lines.

1 Claim, 6 Drawing Sheets



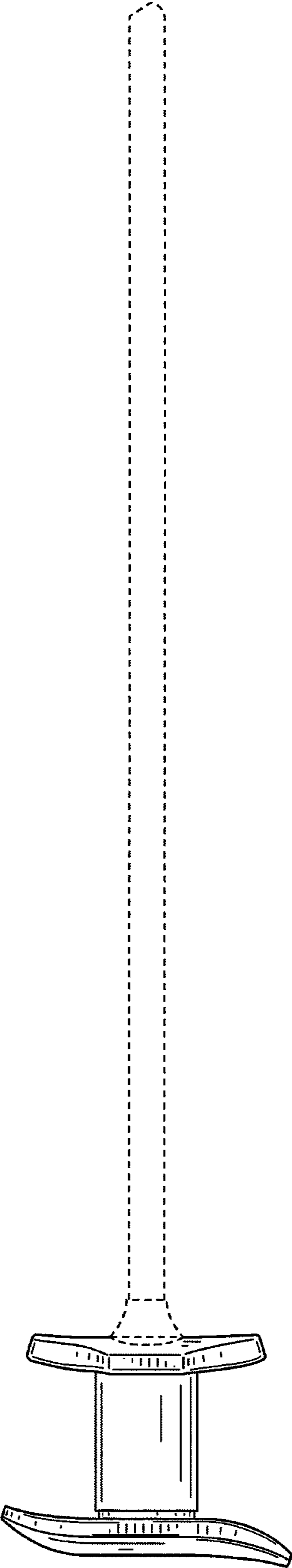


FIG. 1

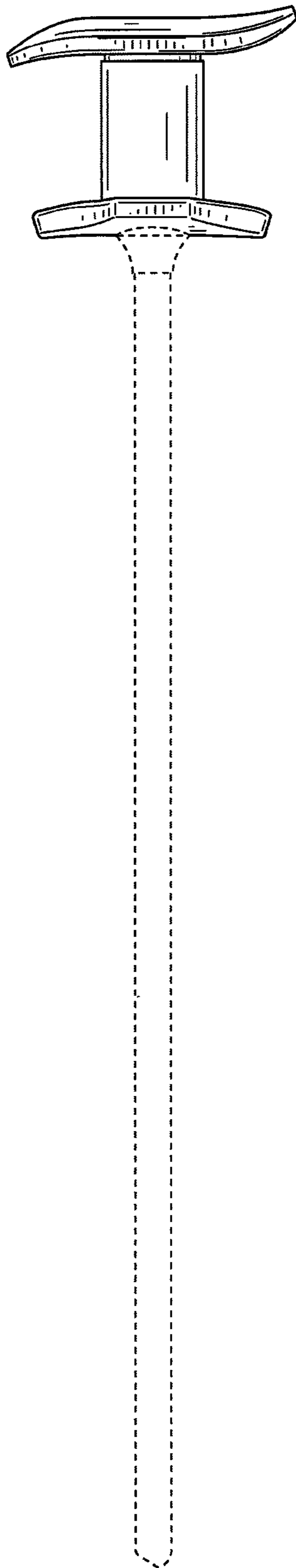


FIG. 2

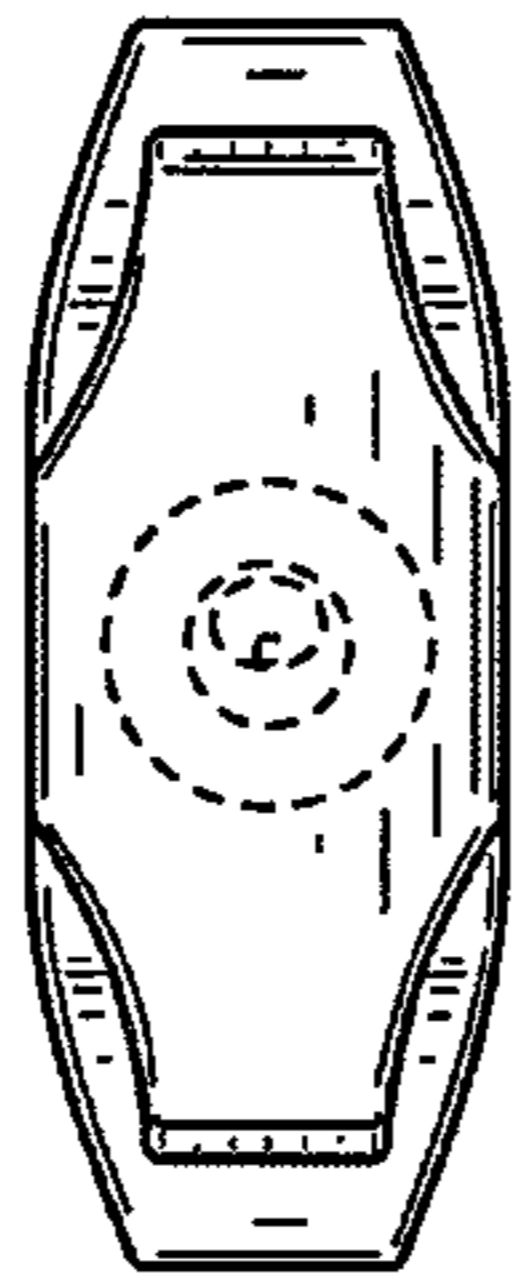


FIG. 3



FIG. 4

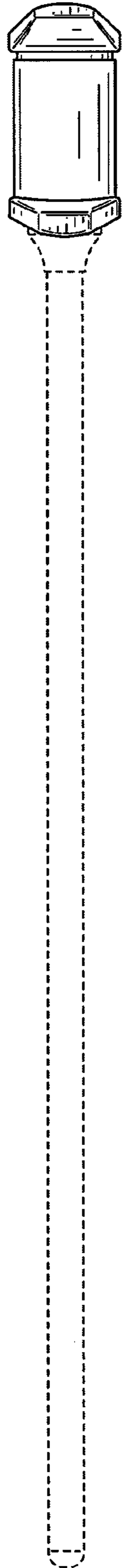


FIG. 5

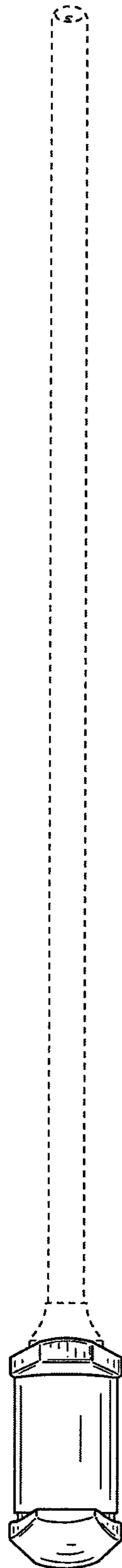


FIG. 6

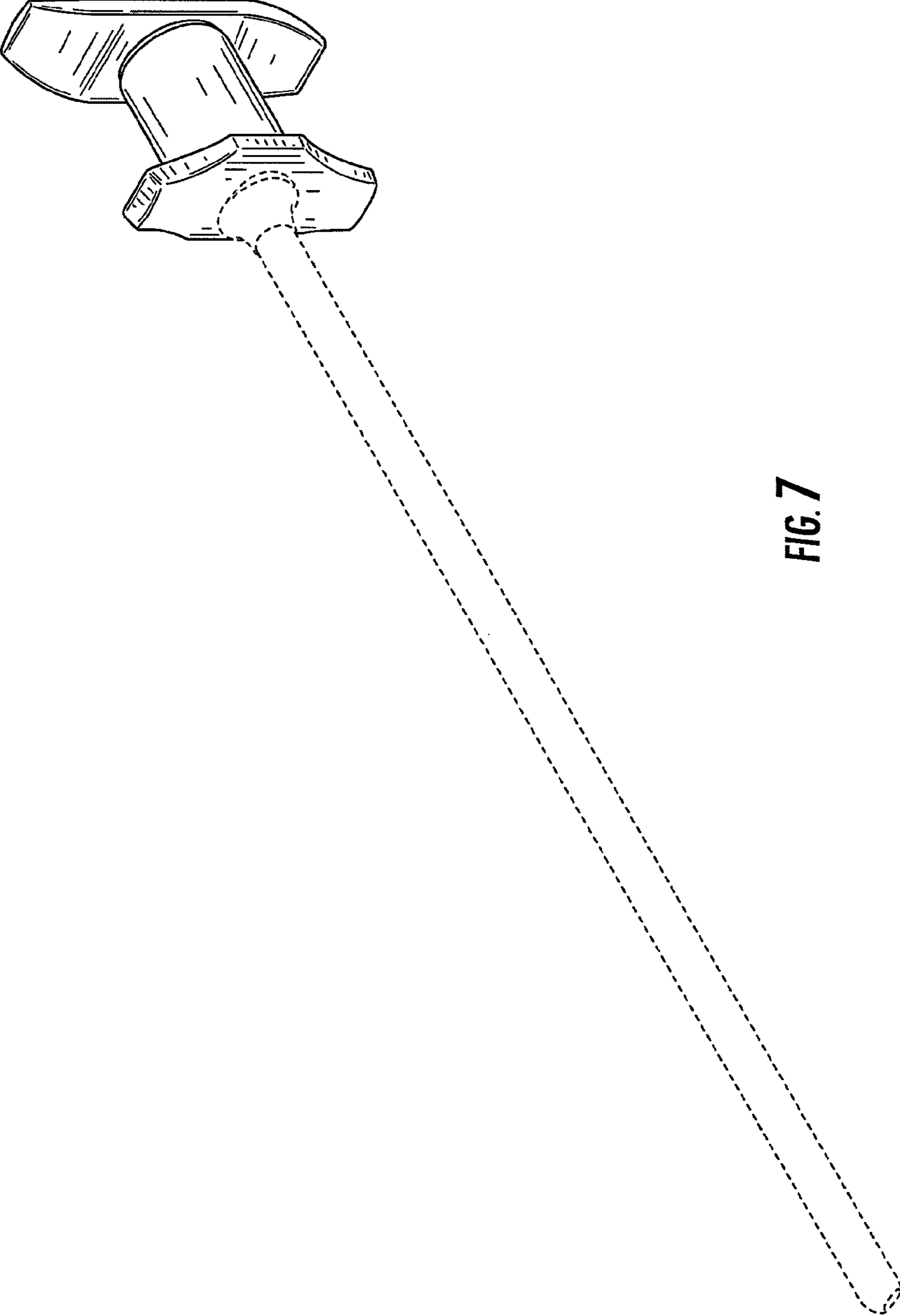


FIG. 7