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

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(54) **SPANNER**

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(72) Inventor: **Wen-Tang Tsai**, Taichung (TW)

(**) Term: **15 Years**

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(51) **LOC (13) Cl.** **08-05**

(52) **U.S. Cl.**

USPC **D8/27**; D8/26

(58) **Field of Classification Search**

USPC D8/14, 21, 24-27, 29, 51, 59, 107;
D24/133, 147; 81/57.13, 57.39, 60

CPC B25B 21/004; B25B 13/46; B25B 13/463

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a spanner, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a spanner showing my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left view thereof;

FIG. 5 is a right view thereof;

FIG. 6 is a top view thereof;

FIG. 7 is a bottom view thereof;

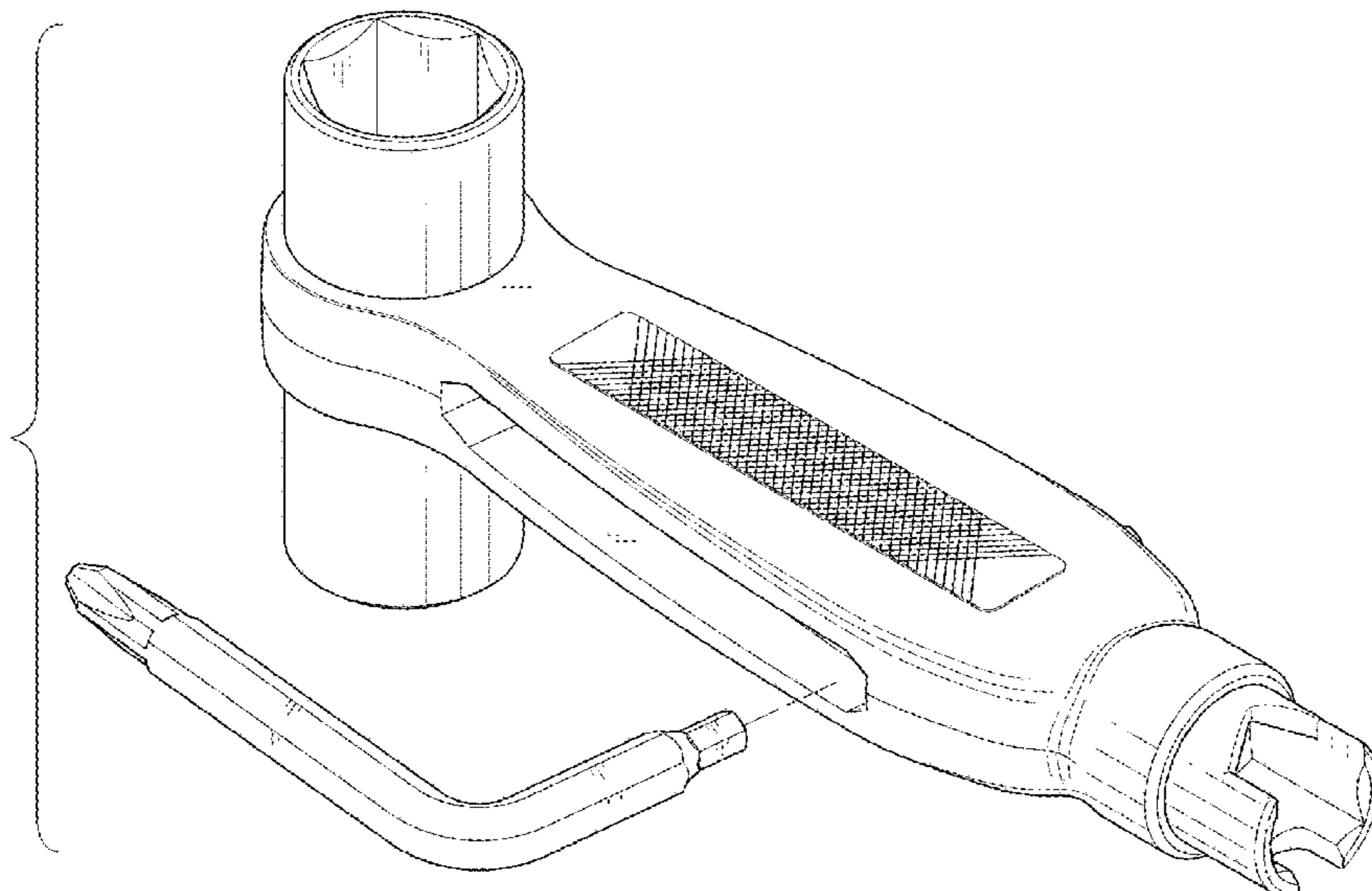
FIG. 8 is another perspective view thereof;

FIG. 9 is a cross-sectional view taken along 9-9 of FIG. 2; and,

FIG. 10 is an exploded perspective view thereof.

The dash-dash broken lines are included for the purpose of illustrating portions of the Ratchet spanner and form no part of the claimed design. The dash-long dash broken lines are included for the purpose of illustrating alignment and form no part of the claimed design.

1 Claim, 10 Drawing Sheets



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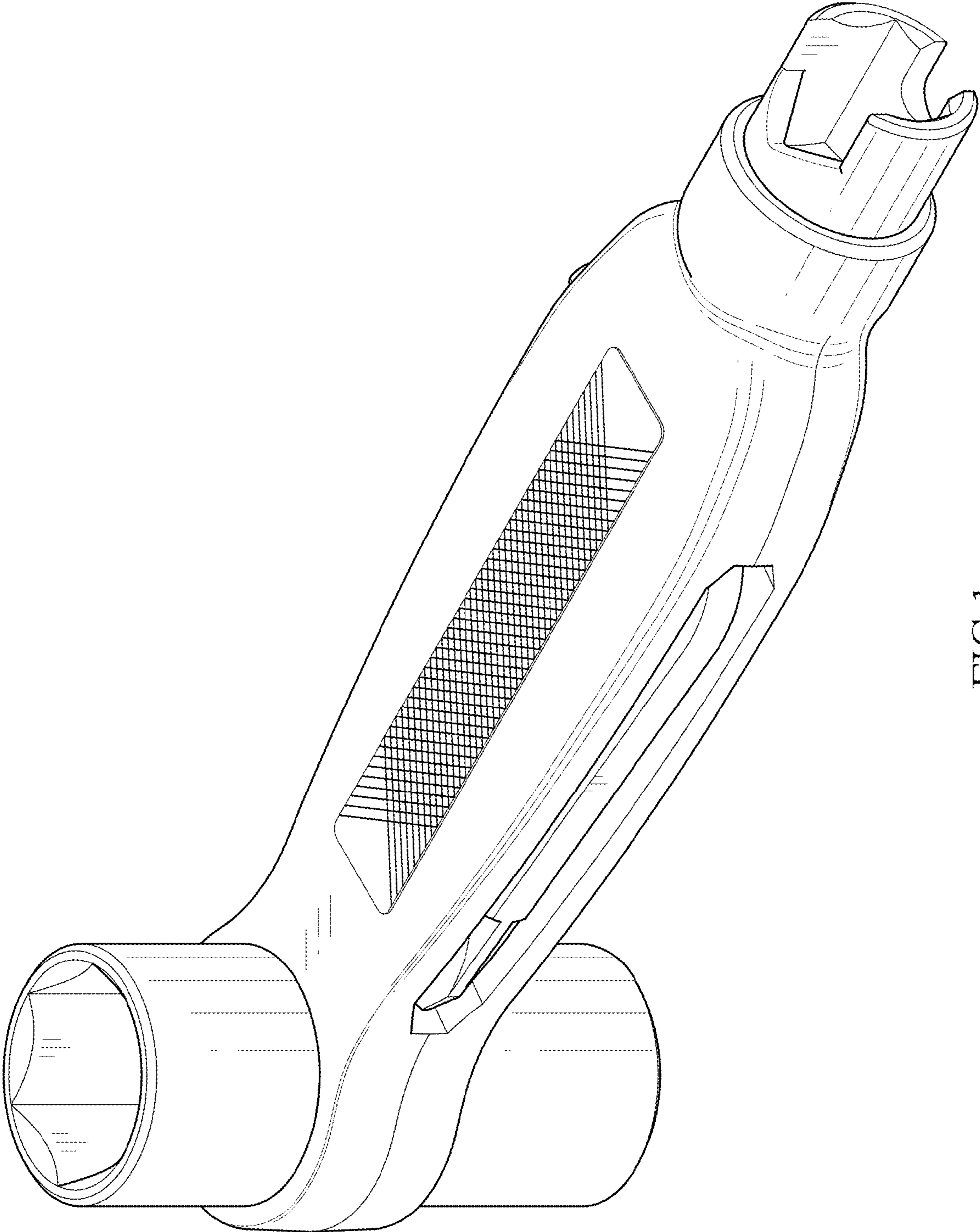


FIG.1

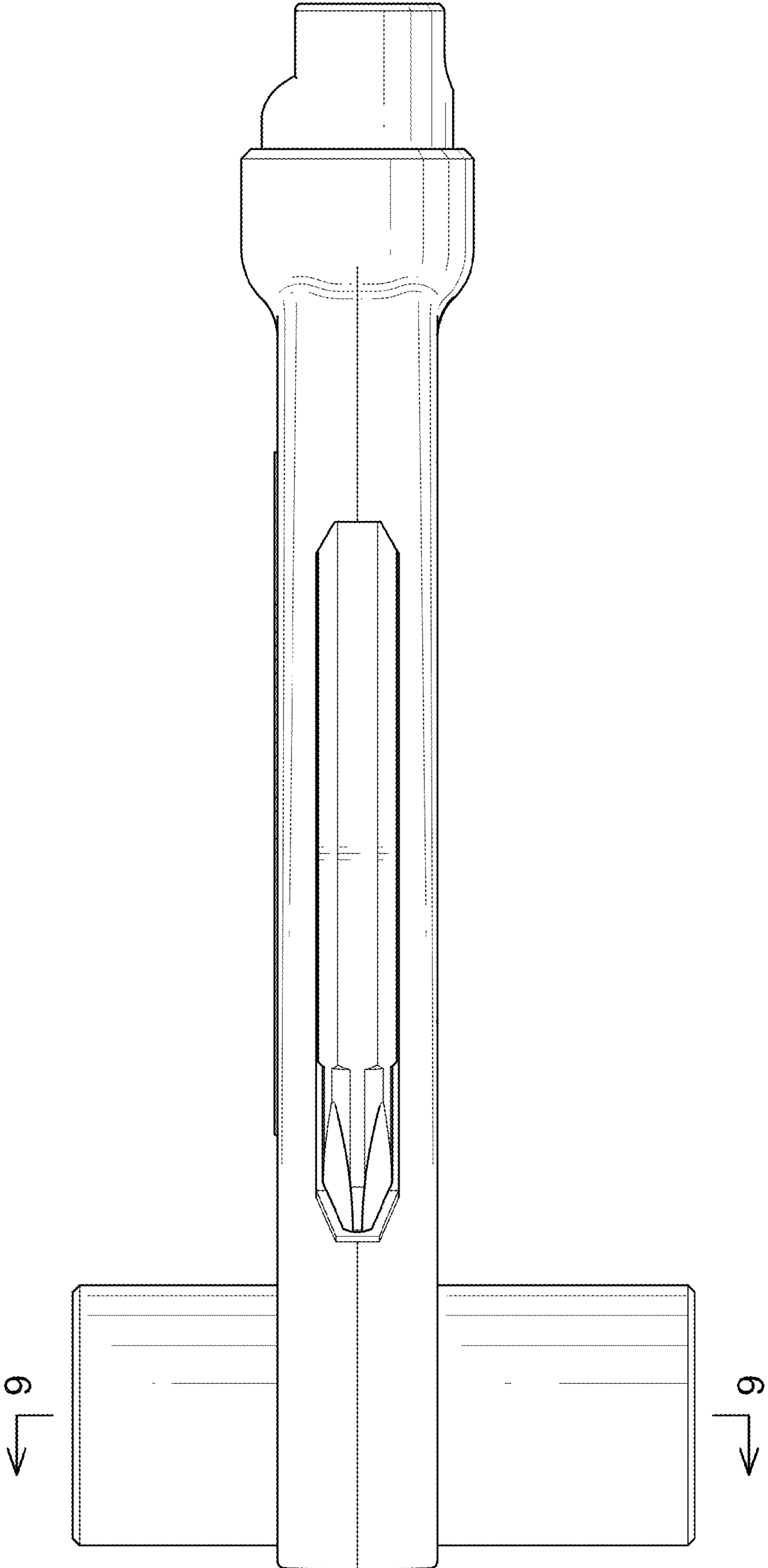


FIG.2

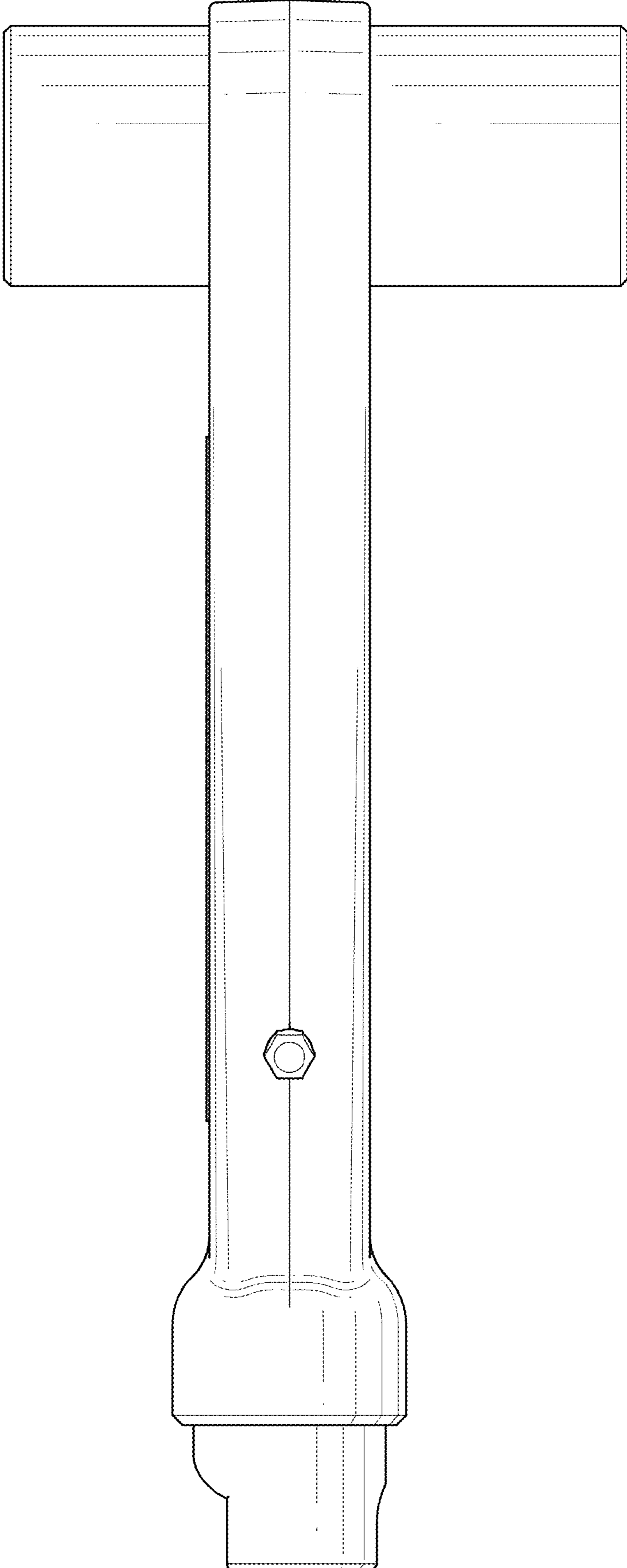


FIG.3

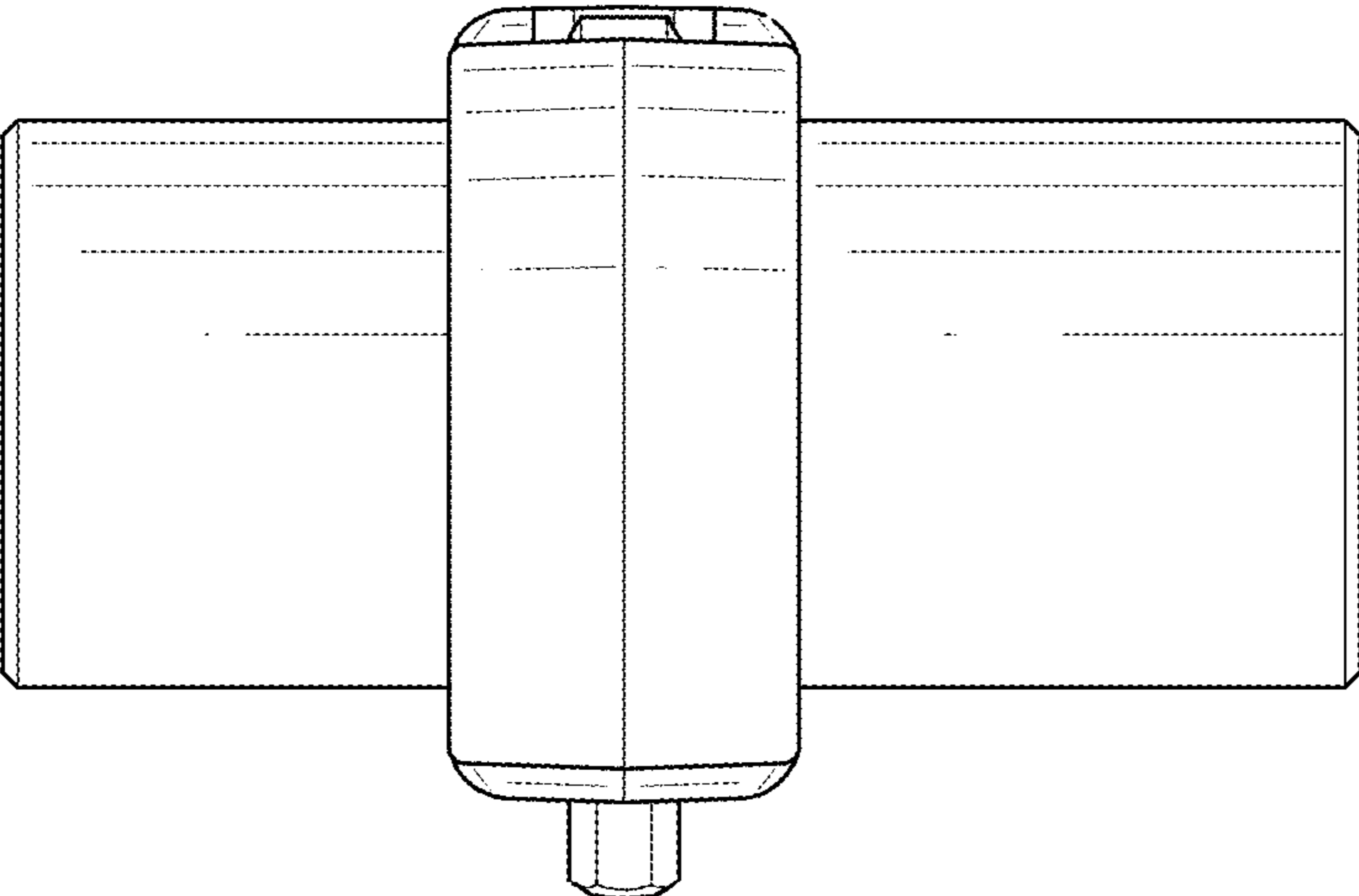


FIG.4

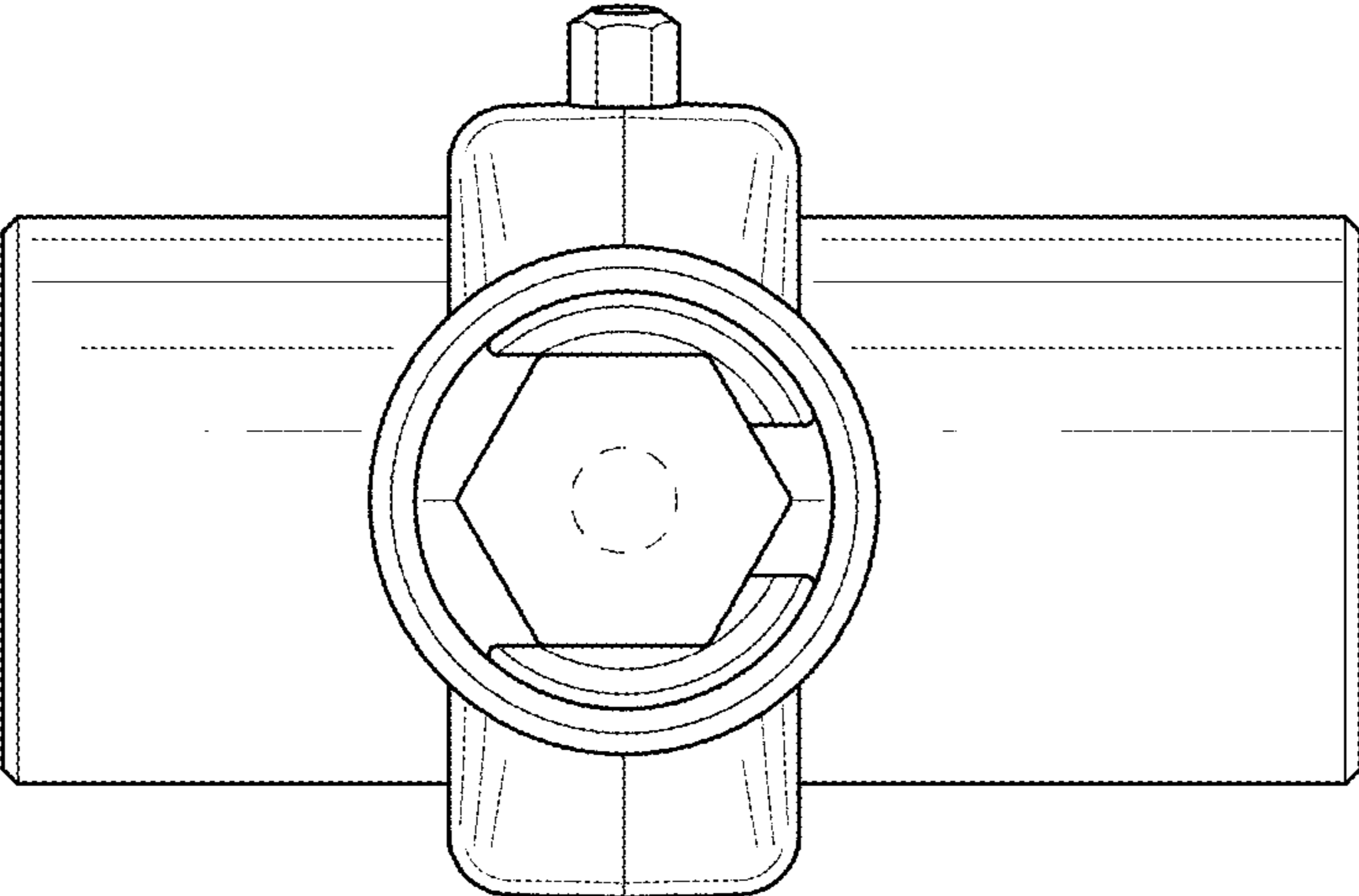


FIG.5

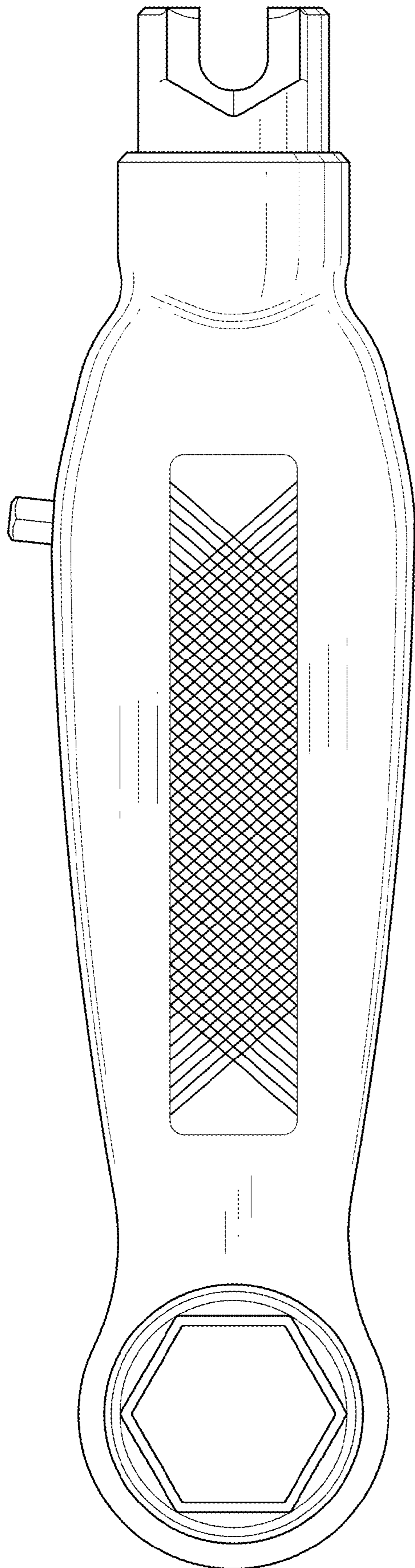


FIG.6

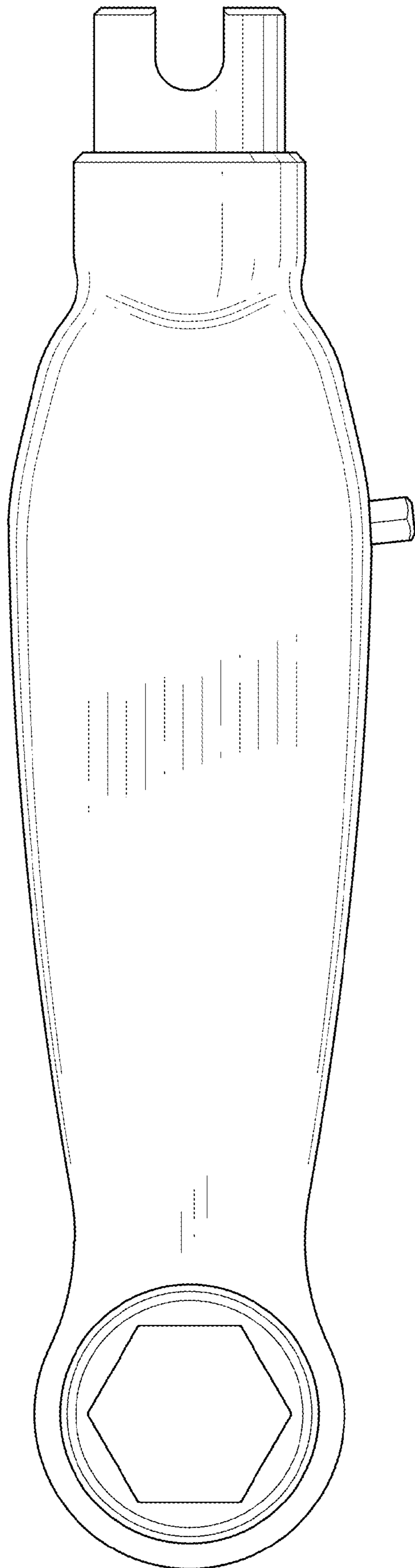


FIG.7

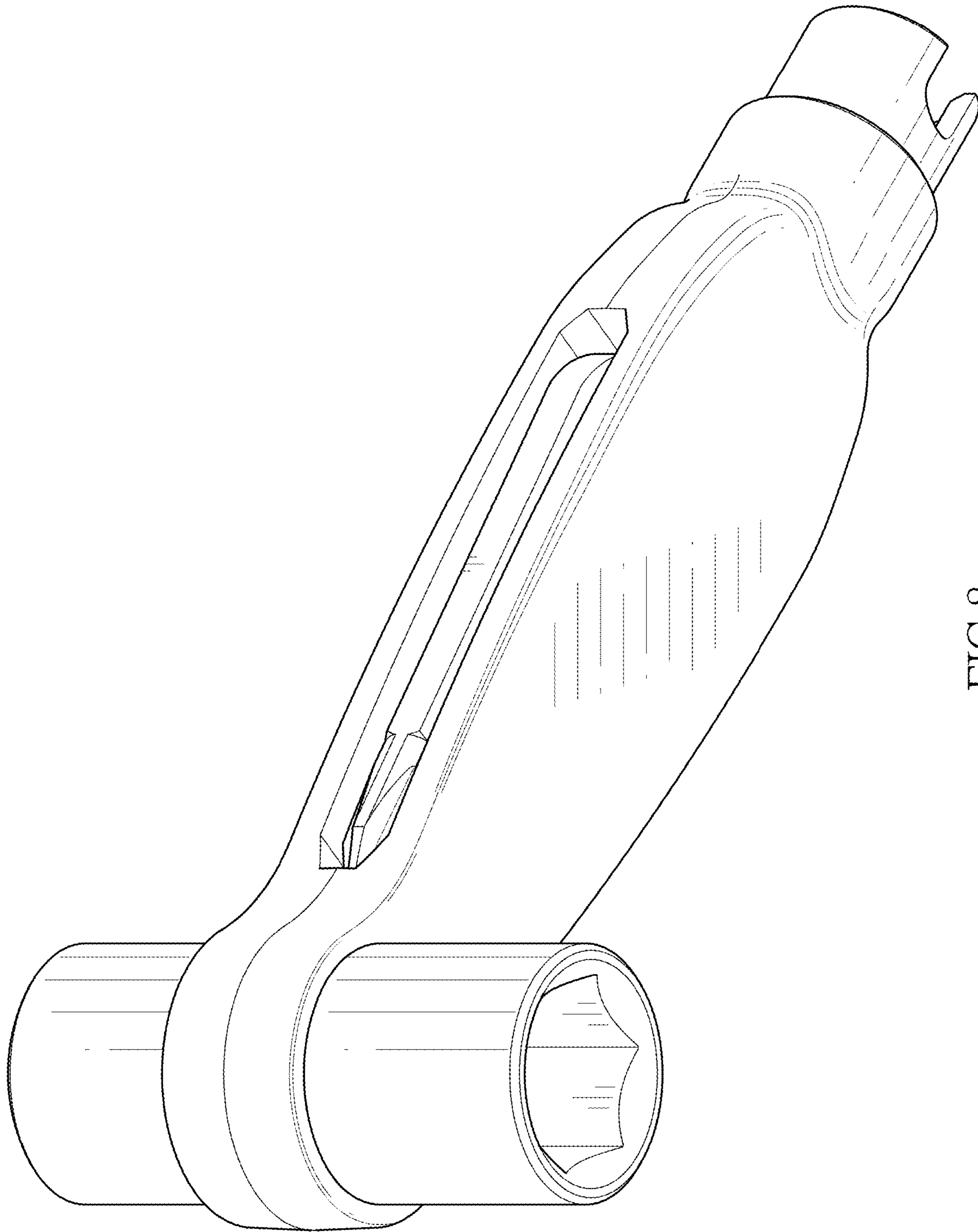


FIG.8

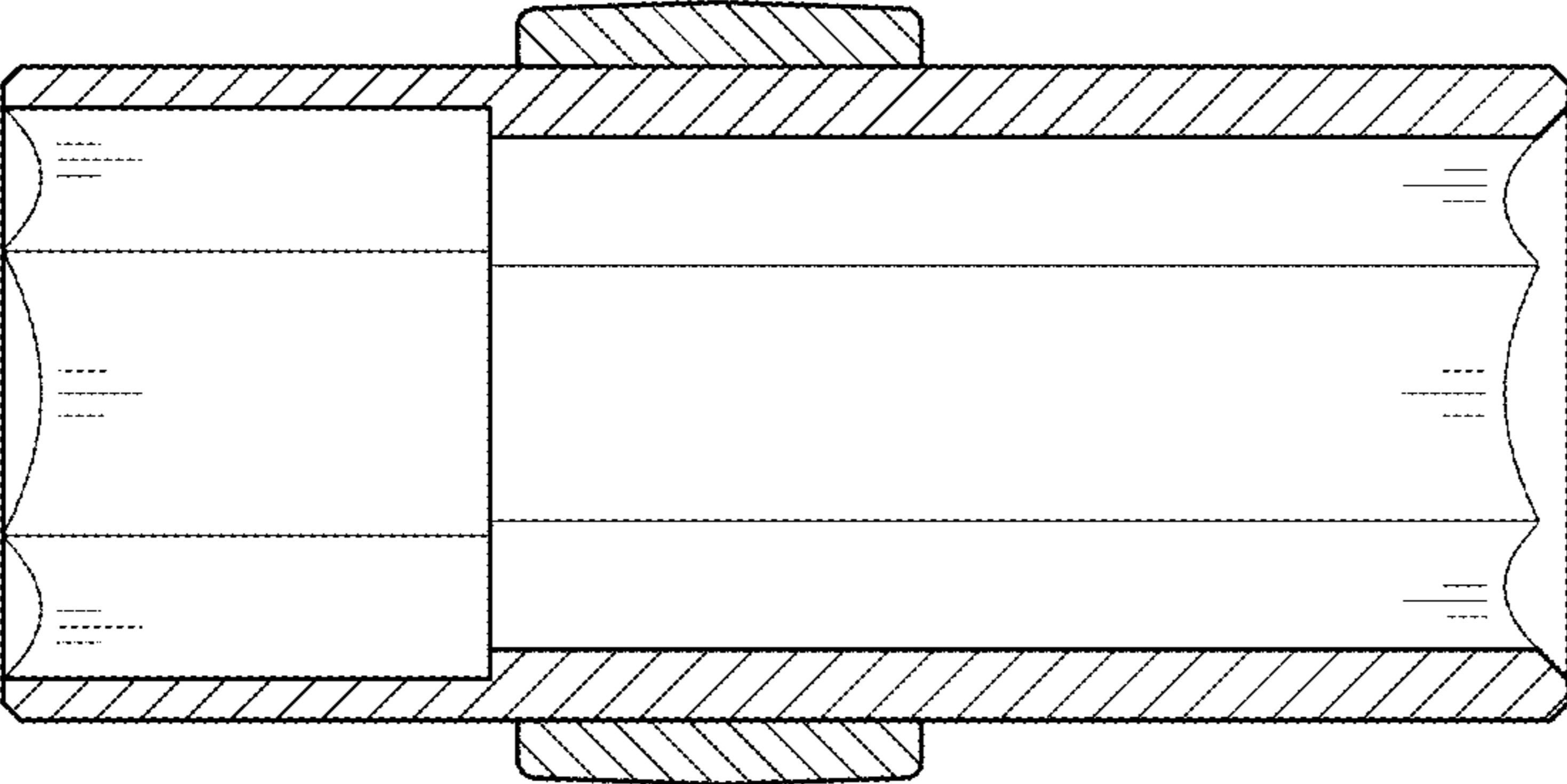


FIG.9

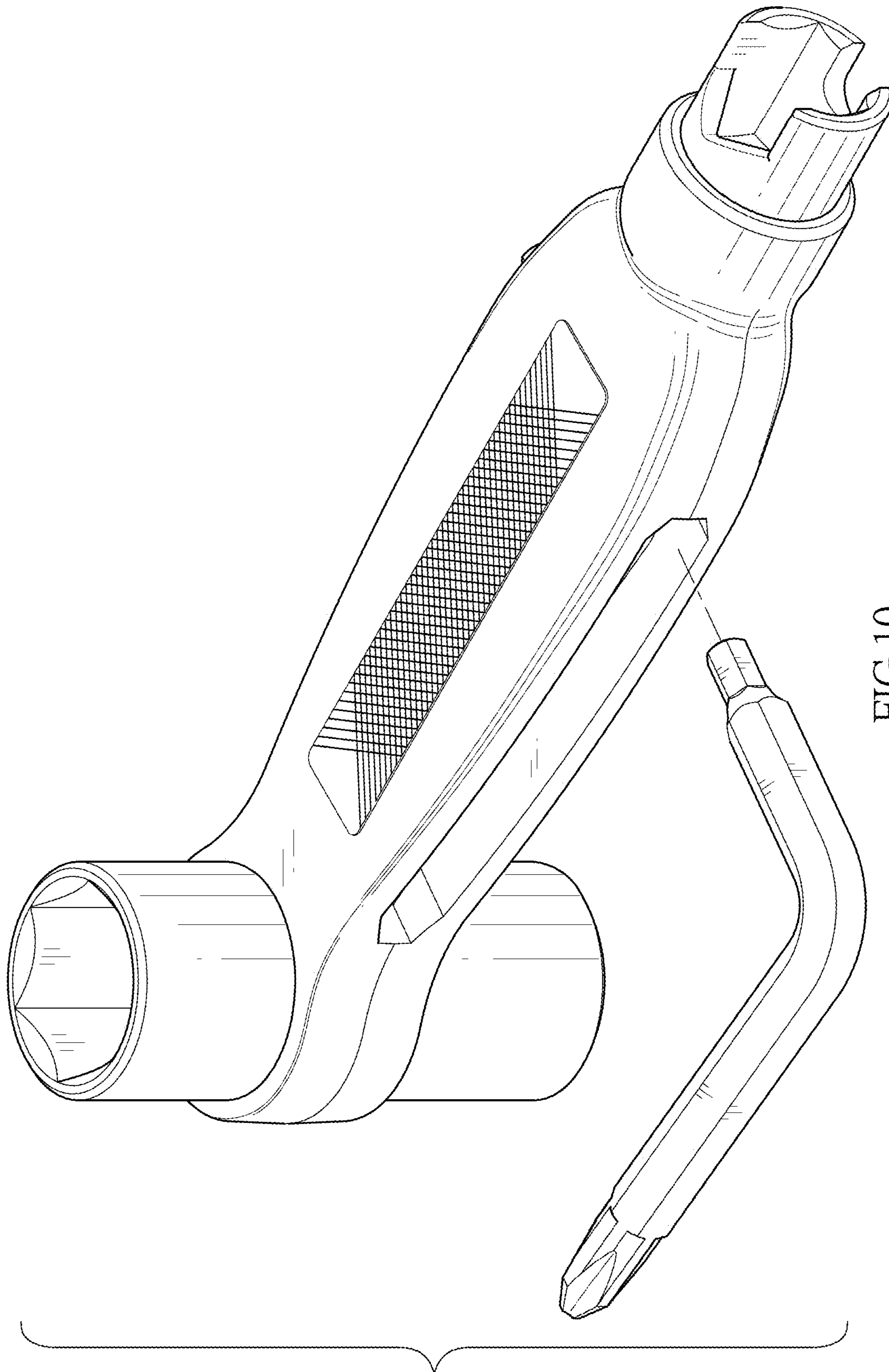


FIG.10