

US00D817731S

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

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(54) **WRENCH**

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(72) Inventor: **Yeng Ping Wong**, Taichung (TW)

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

(21) Appl. No.: **29/588,955**

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(51) **LOC (11) Cl.** **08-05**

(52) **U.S. Cl.**
USPC **D8/22**

(58) **Field of Classification Search**
USPC D8/21, 22; 81/119, 179, 186, 165, 490,
81/170, 166, 167, 145, 146, 147, 129,
81/155, 133, 177.2, 52, 56, 57.15, 57.21,
81/DIG. 3; 16/110.1
CPC B25B 13/00; B25B 13/10
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 3,280,669 A * 10/1966 Weaver B25B 13/12
81/146
- D321,311 S * 11/1991 Toyoshima D8/22

- D326,038 S * 5/1992 Murayama D8/22
- D385,760 S * 11/1997 McCann D8/22
- D529,350 S * 10/2006 Albertson D8/26
- D549,533 S * 8/2007 Pond D8/22
- D599,179 S * 9/2009 Robinson D8/22
- D602,319 S * 10/2009 Wu D8/22

* cited by examiner

Primary Examiner — Randall H Gholson

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(57) **CLAIM**

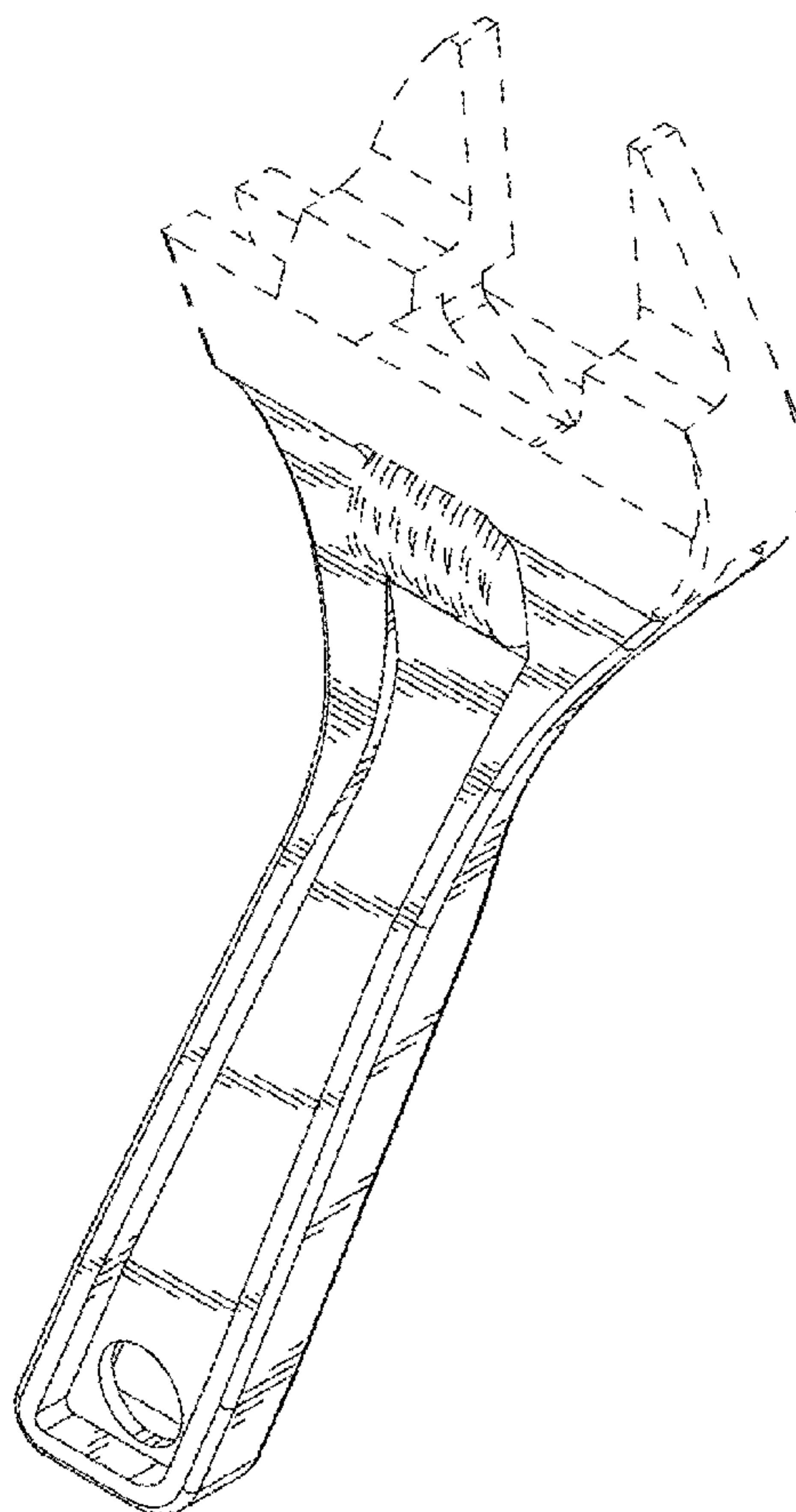
The ornamental design for wrench, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a wrench 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; and,
 FIG. 7 is a bottom view thereof.

The broken lines depict portions of the wrench in which the design is embodied that are not considered part of the claimed design.

1 Claim, 7 Drawing Sheets



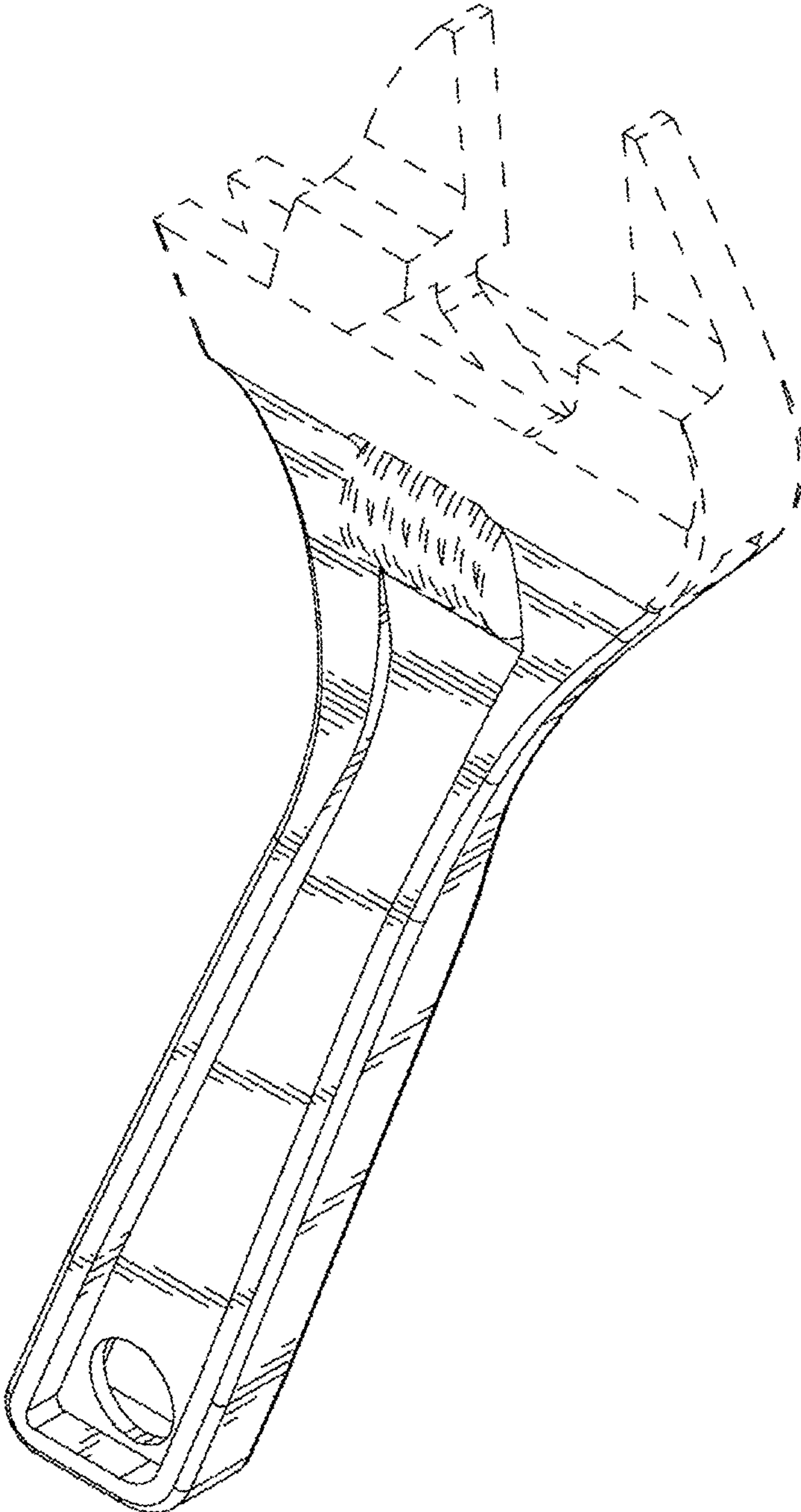


FIG. 1

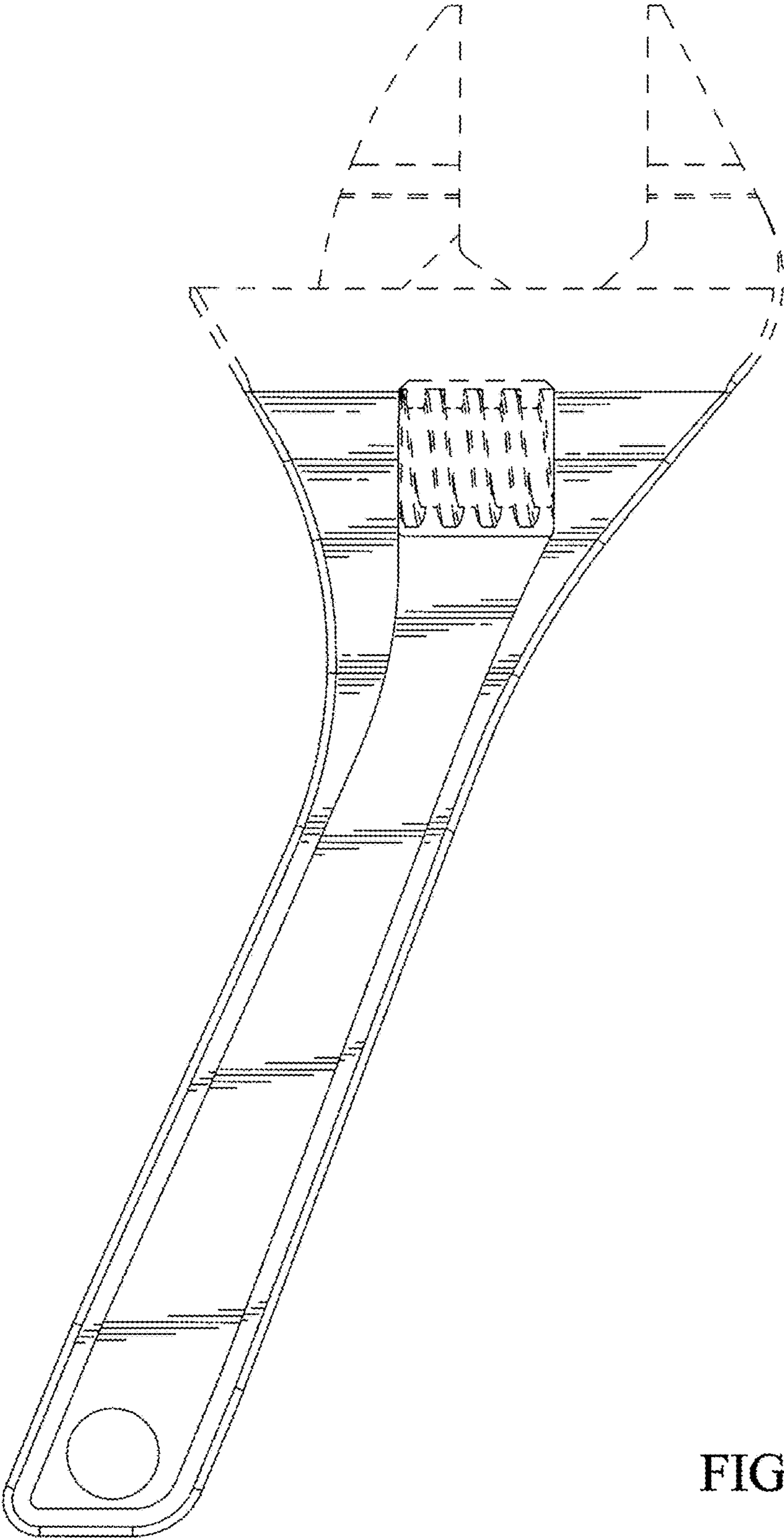


FIG. 2

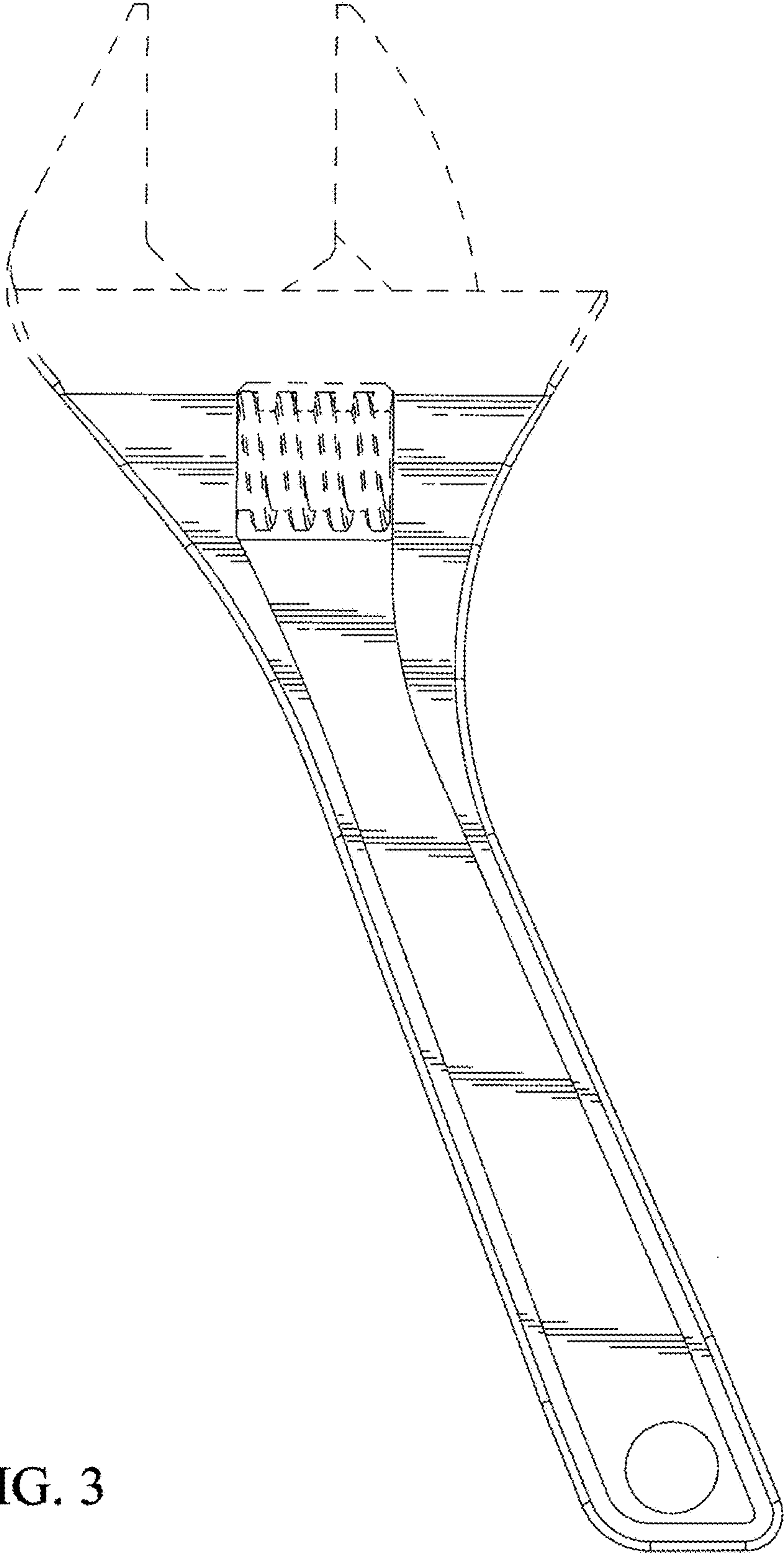


FIG. 3

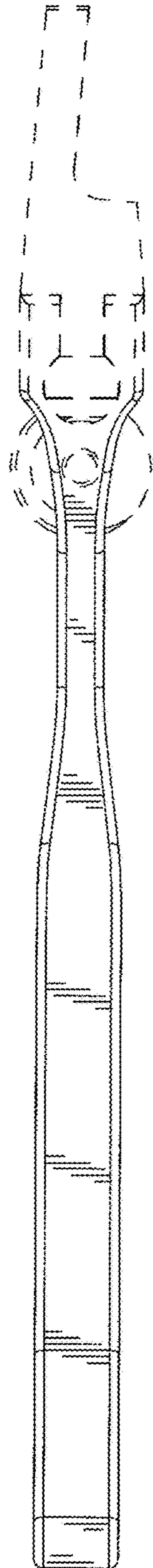


FIG. 4

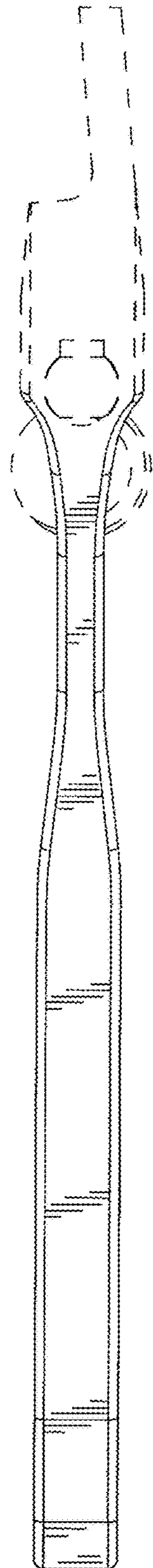


FIG. 5

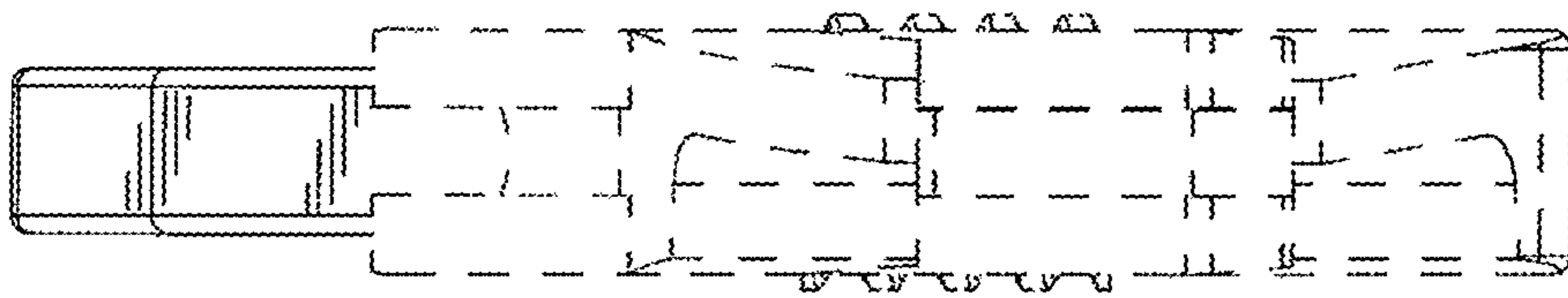


FIG. 6

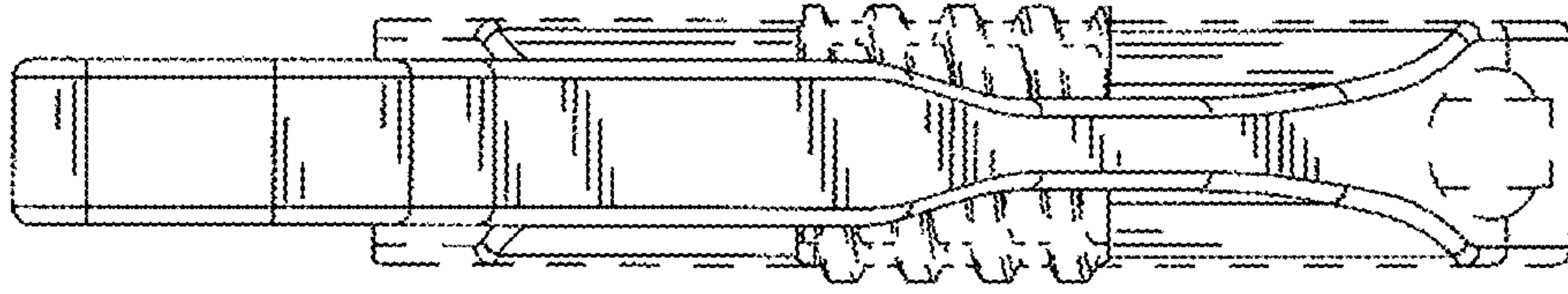


FIG. 7