



US00D817130S

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

(10) **Patent No.:** **US D817,130 S**

(45) **Date of Patent:** **** May 8, 2018**

(54) **RATCHET WRENCH**

D576,852 S * 9/2008 Lin D8/25
D773,265 S * 12/2016 Chen D8/25

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* cited by examiner

(72) Inventor: **Kuei-Chuan Chang**, Taichung (TW)

Primary Examiner — Randall H Gholson

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

(74) *Attorney, Agent, or Firm* — Ming Chow; Sinorica, LLC

(21) Appl. No.: **29/602,263**

(57) **CLAIM**

(22) Filed: **Apr. 28, 2017**

I claim the ornamental design for a ratchet wrench, as shown and described.

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

(52) **U.S. Cl.**
USPC **D8/25**

DESCRIPTION

(58) **Field of Classification Search**
USPC D8/17, 21-29; 81/58, 58.2, 119, 124.2, 81/124.4, 125.1, 186
CPC B25B 13/02; B25B 13/08; B25B 13/04; B25B 13/065
See application file for complete search history.

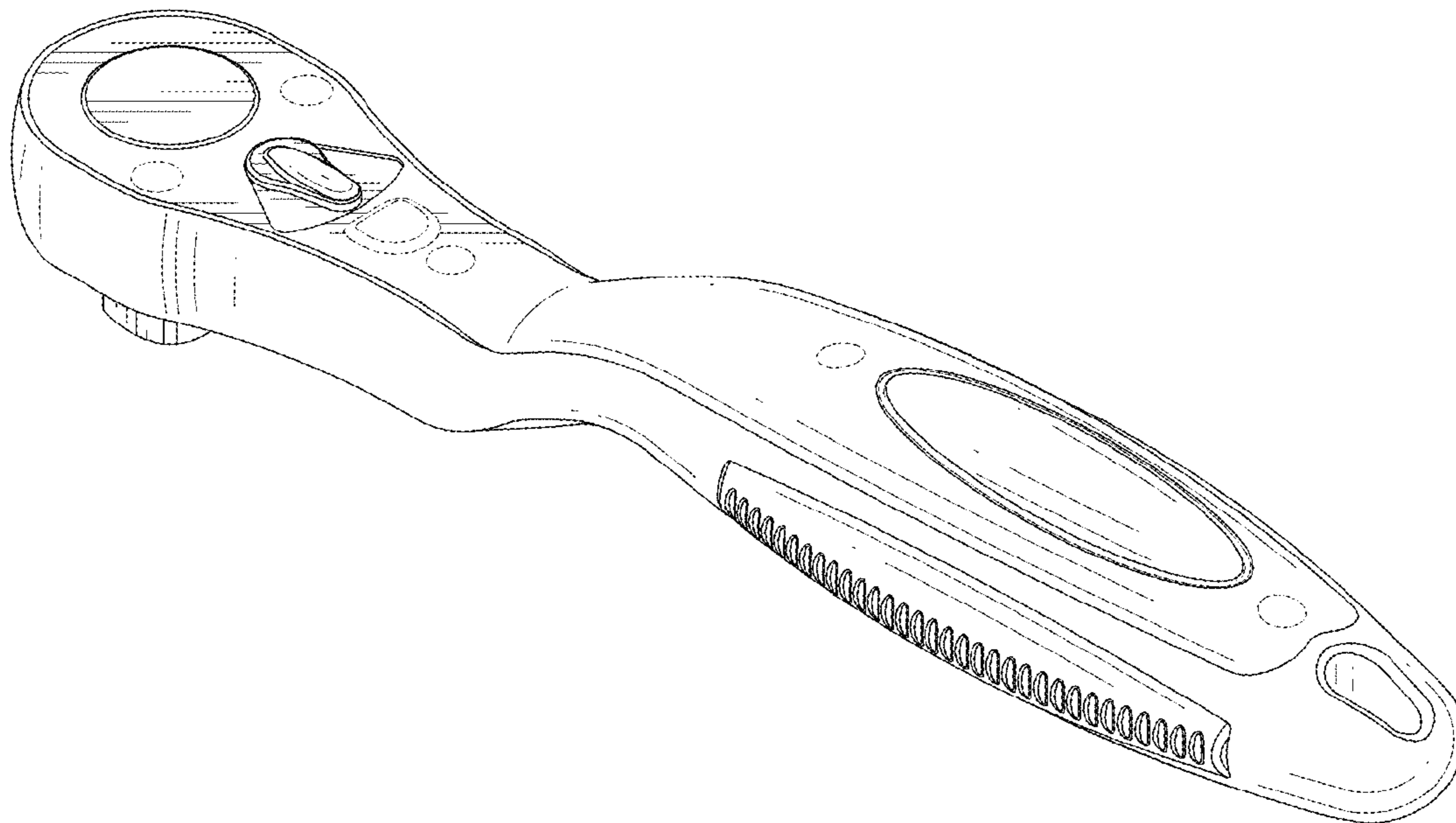
FIG. 1 is a front perspective view of a ratchet wrench showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof.
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.
The broken lines show unclaimed features of the ratchet wrench and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1 Claim, 4 Drawing Sheets

D429,979 S * 8/2000 Chiang D8/25



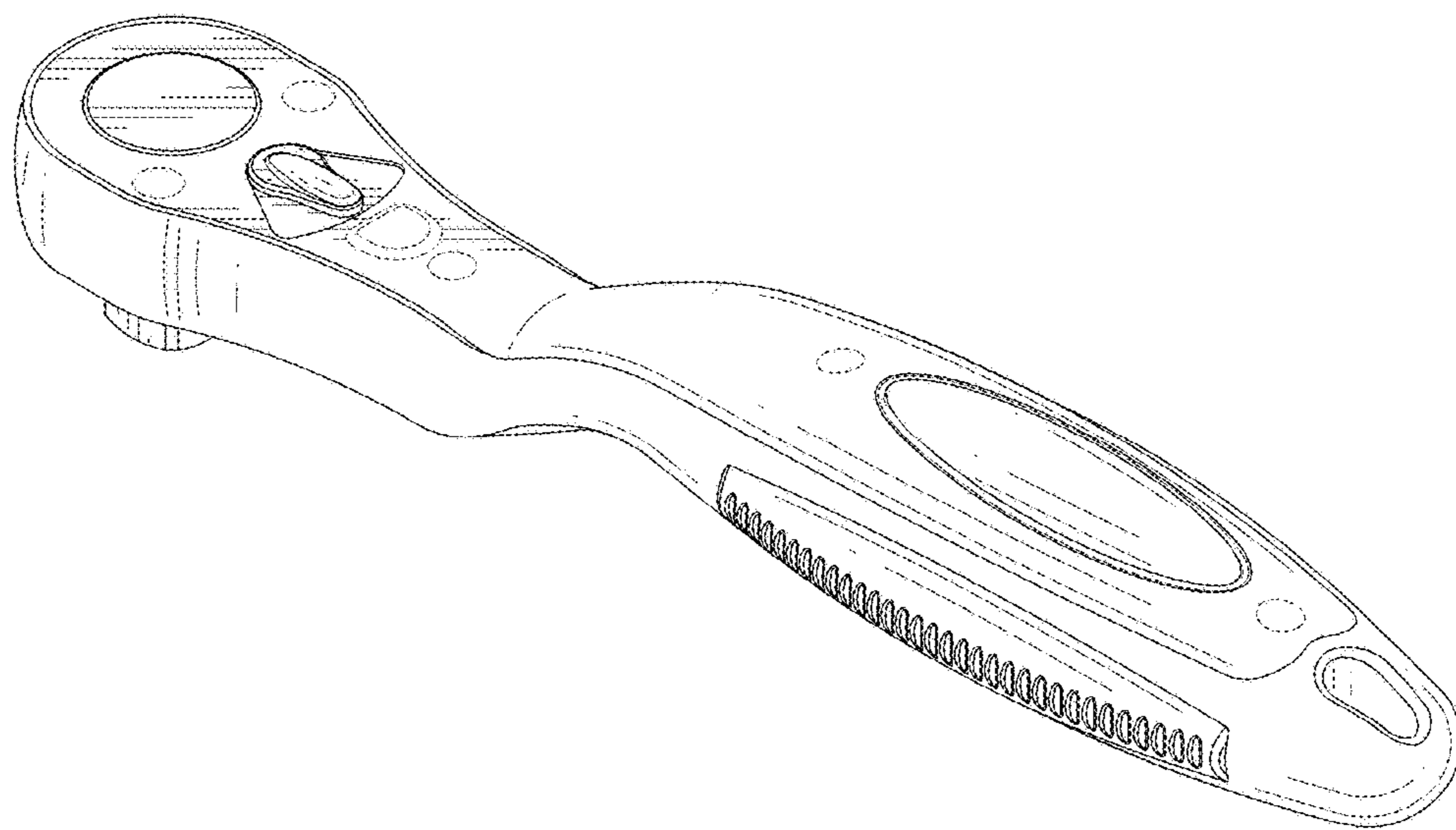


FIG. 1

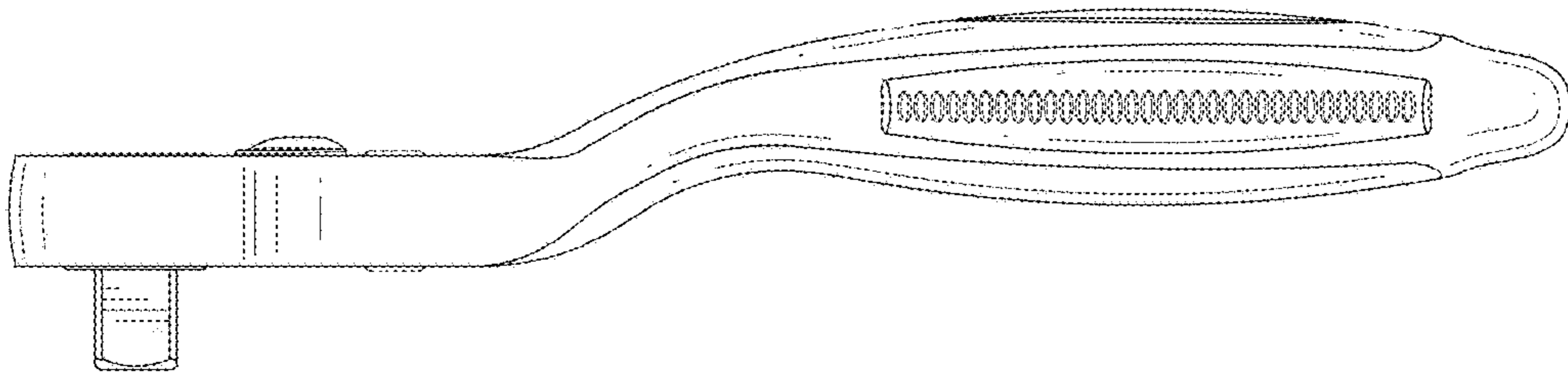


FIG. 2

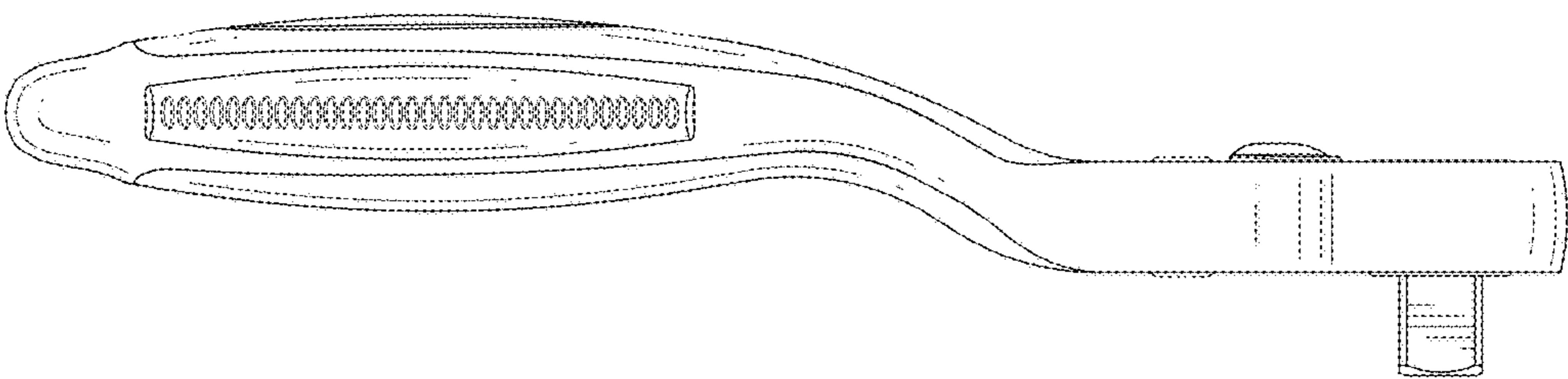


FIG. 3

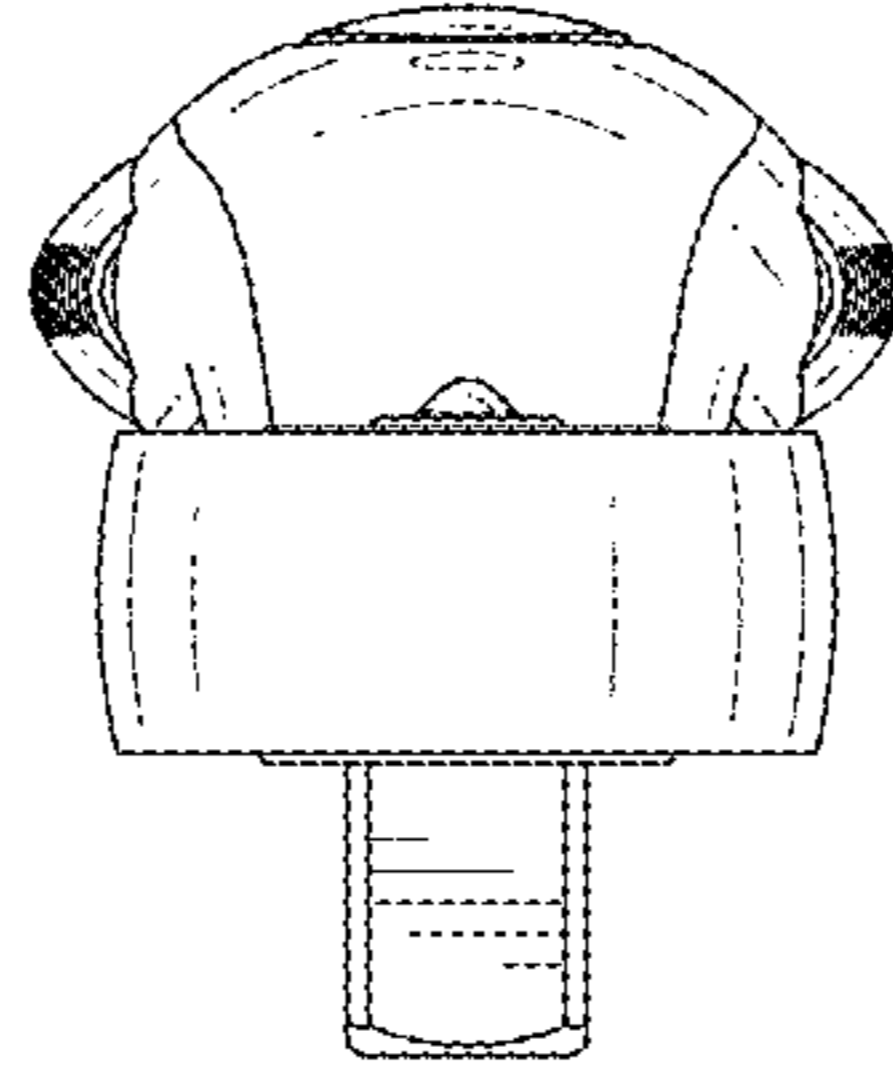


FIG. 4

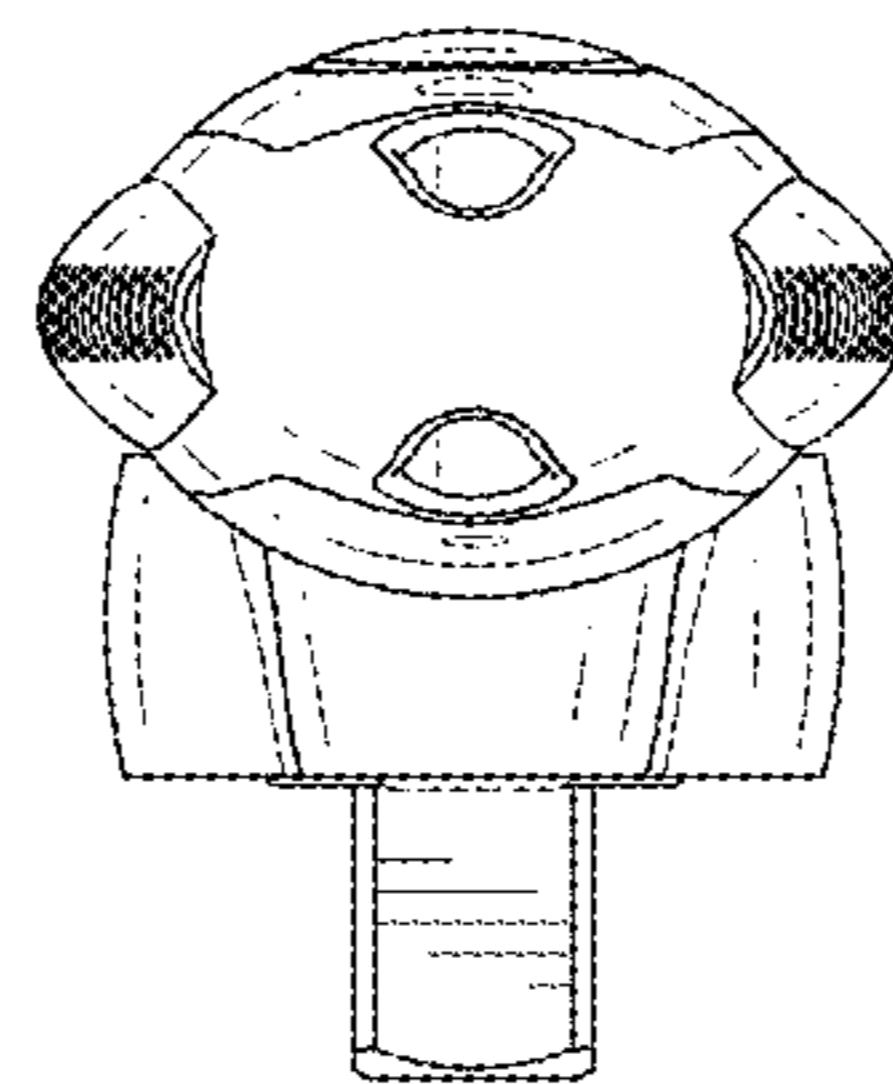


FIG. 5

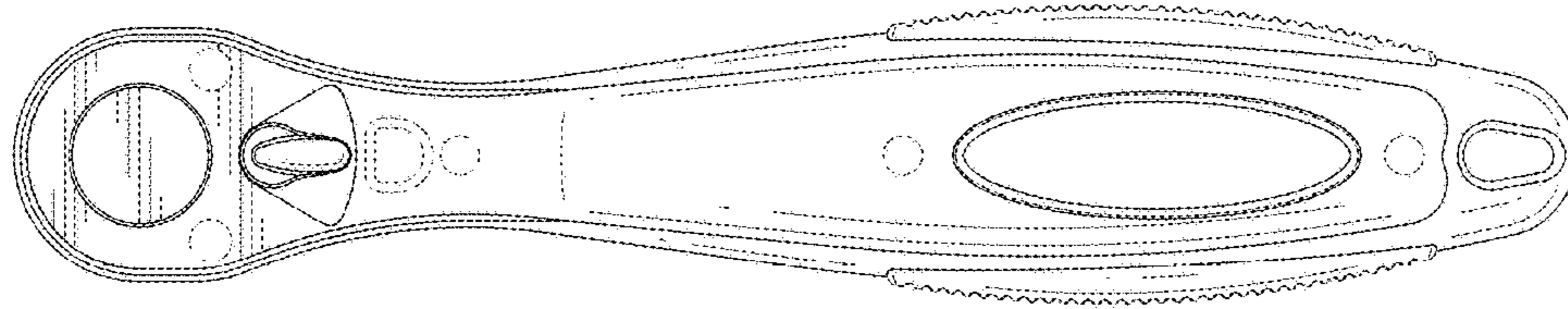


FIG. 6

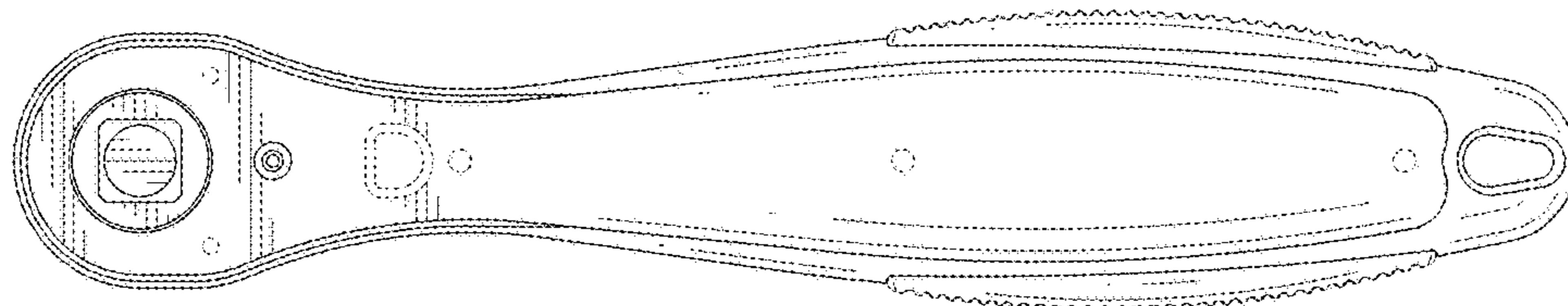


FIG. 7