

US00D571172S

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

(10) **Patent No.:** **US D571,172 S**

(45) **Date of Patent:** **** Jun. 17, 2008**

(54) **PIPE WRENCH**

(75) Inventor: **Richard Yu**, Taichung County (TW)

(73) Assignee: **Niche Rich International Corporation**, Taichung County (TW)

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

(21) Appl. No.: **29/250,682**

(22) Filed: **Nov. 27, 2006**

(51) **LOC (8) Cl.** **08-05**

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

(58) **Field of Classification Search** D8/17,
D8/21-29, 105, 52, 55, 81-87, 102-107,
D8/98, 99, 93, 94; 81/119, 121.1, 86, 124.2,
81/125, 125.1, 176.1, 176.2, 177.1, 177.2,
81/177.3, 177.85, 124.3, 124.7, 176.3, 179,
81/160, 3.57, 3.55, 58.4, 186, 58.3, 300,
81/58.1, 60-63.2, 165-170, 110.1, 124.6,
81/176.15, 121.7, 436, 437, 418, 177.8, 177.9,
81/185.1, 3.4, 177.4, 492, 57, 58, 13, 177.7,
81/490, 415-423, 427.5; 140/119; 16/422,
16/186, 429

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,251,518 A * 10/1993 Woo 81/99

D362,603 S * 9/1995 Woo D8/23
D474,380 S * 5/2003 Chartier et al. D8/23
6,742,419 B2 * 6/2004 Chartier et al. 81/99
6,971,288 B2 * 12/2005 Wei 81/99
7,013,763 B2 * 3/2006 Hsien 81/165
7,044,030 B2 * 5/2006 Chartier et al. 81/99
7,096,764 B2 * 8/2006 Dong 81/99
2004/0154440 A1 * 8/2004 Chartier et al. 81/99

* cited by examiner

Primary Examiner—Raphael Barkai
Assistant Examiner—Randall H Gholson
(74) *Attorney, Agent, or Firm*—Banger Shia

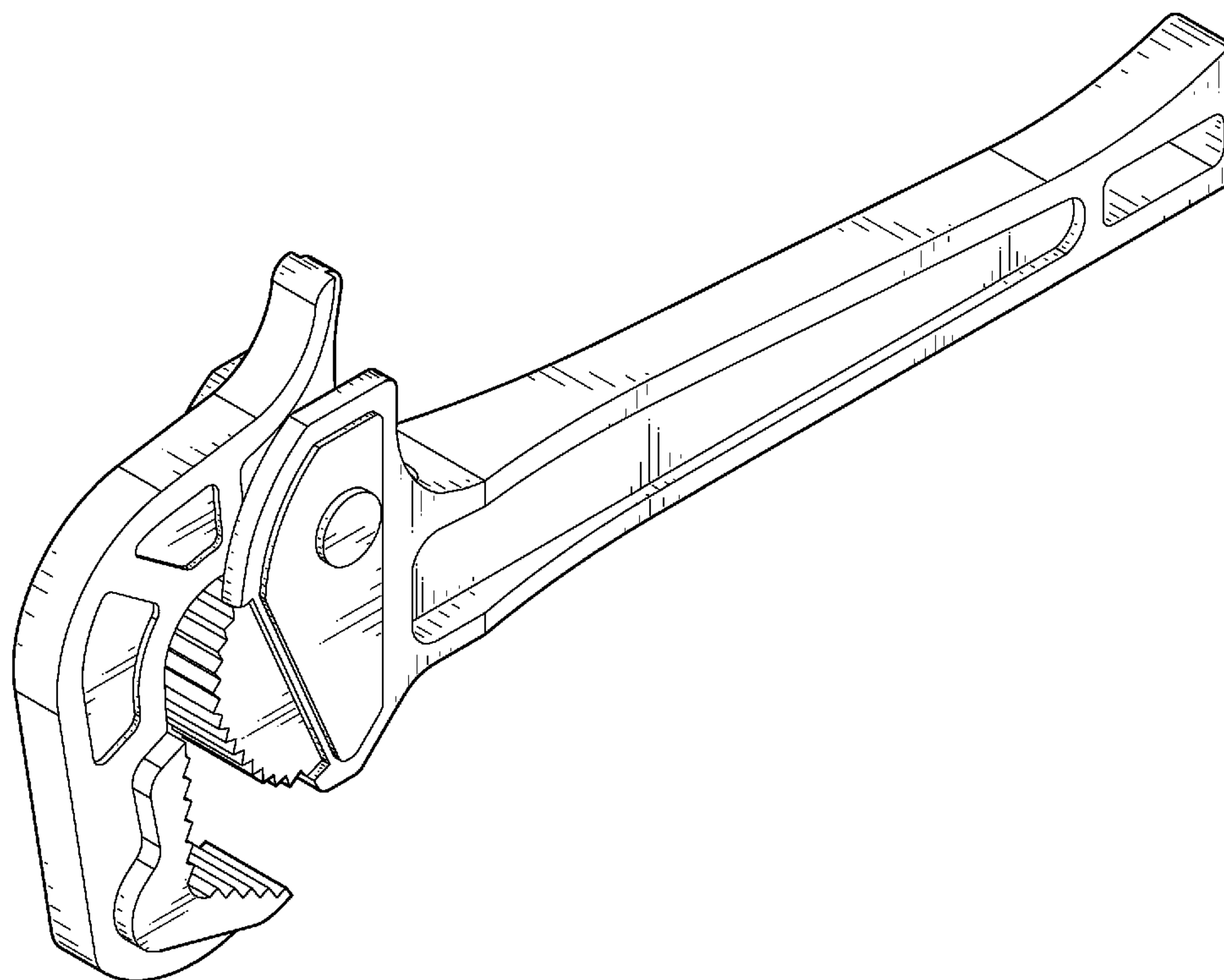
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a pipe 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.

1 Claim, 7 Drawing Sheets



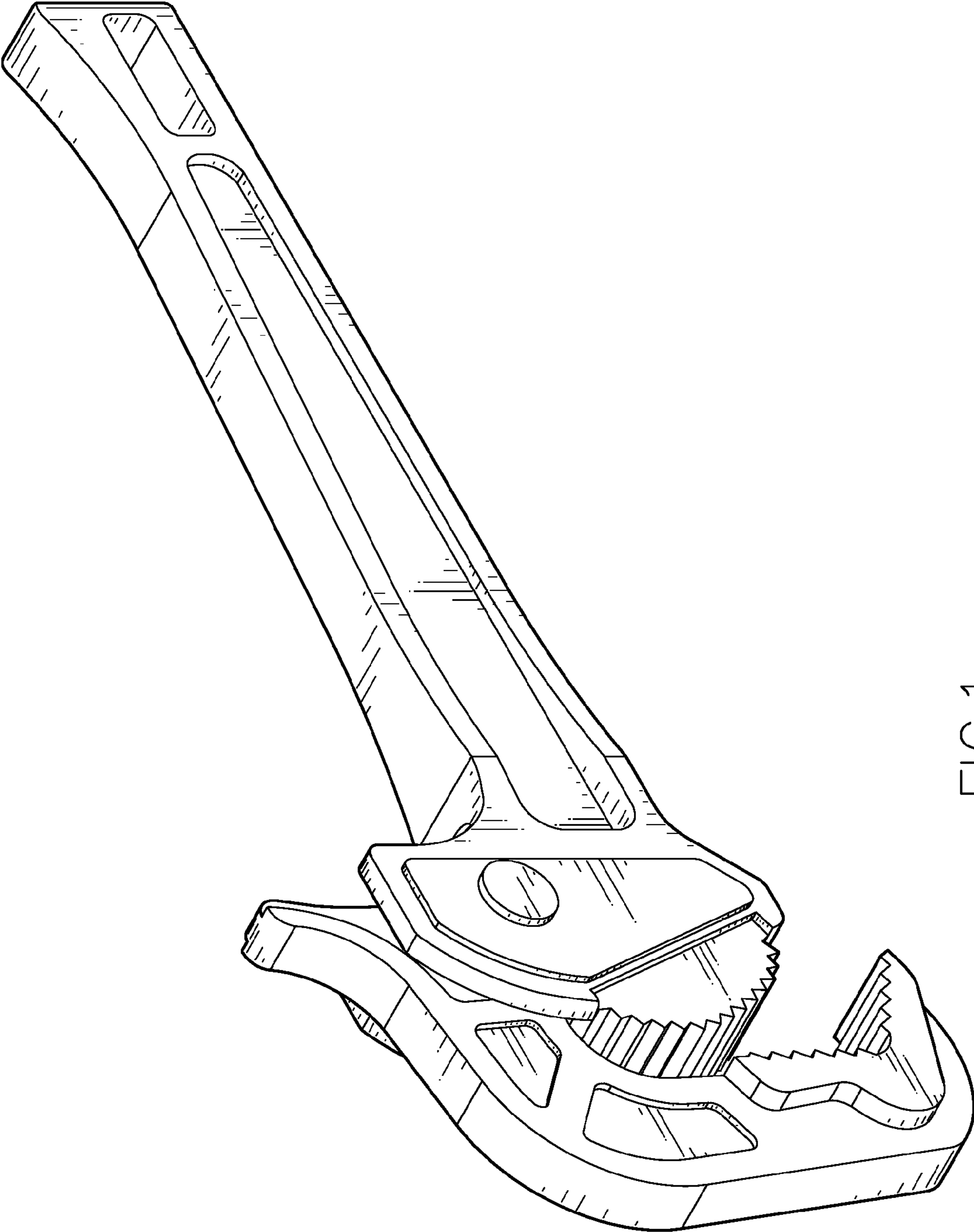


FIG.1

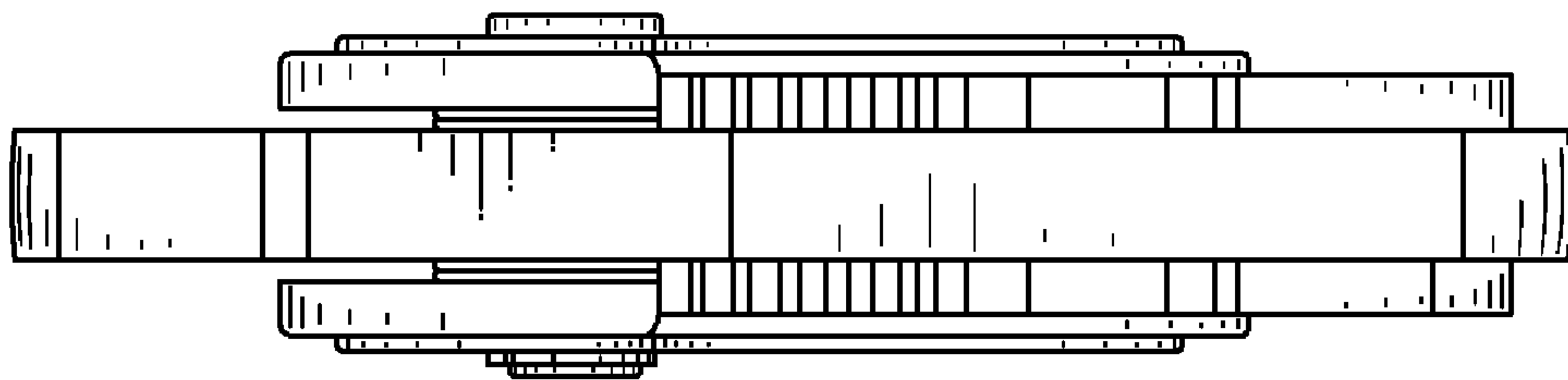


FIG. 2

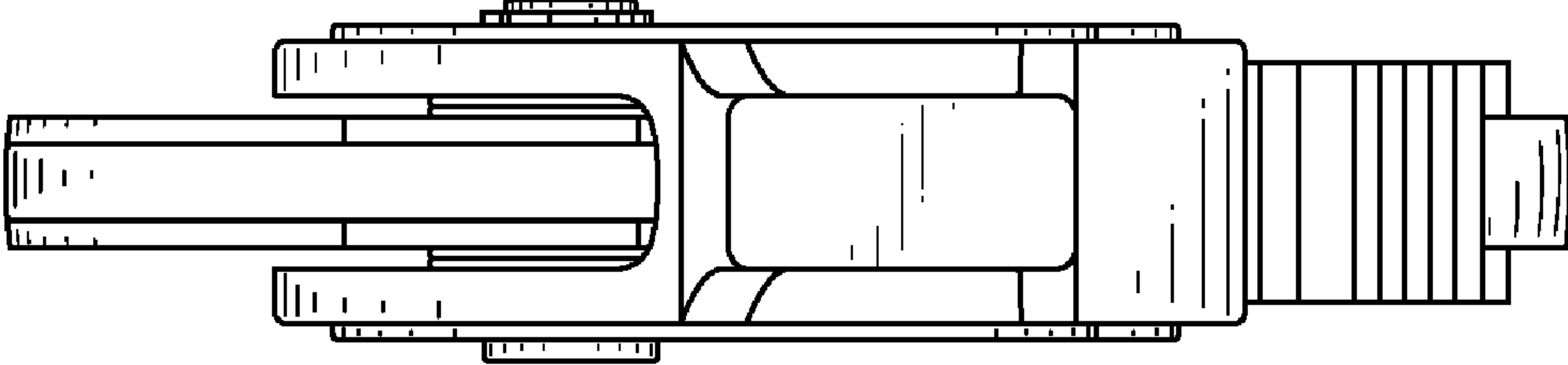


FIG. 3

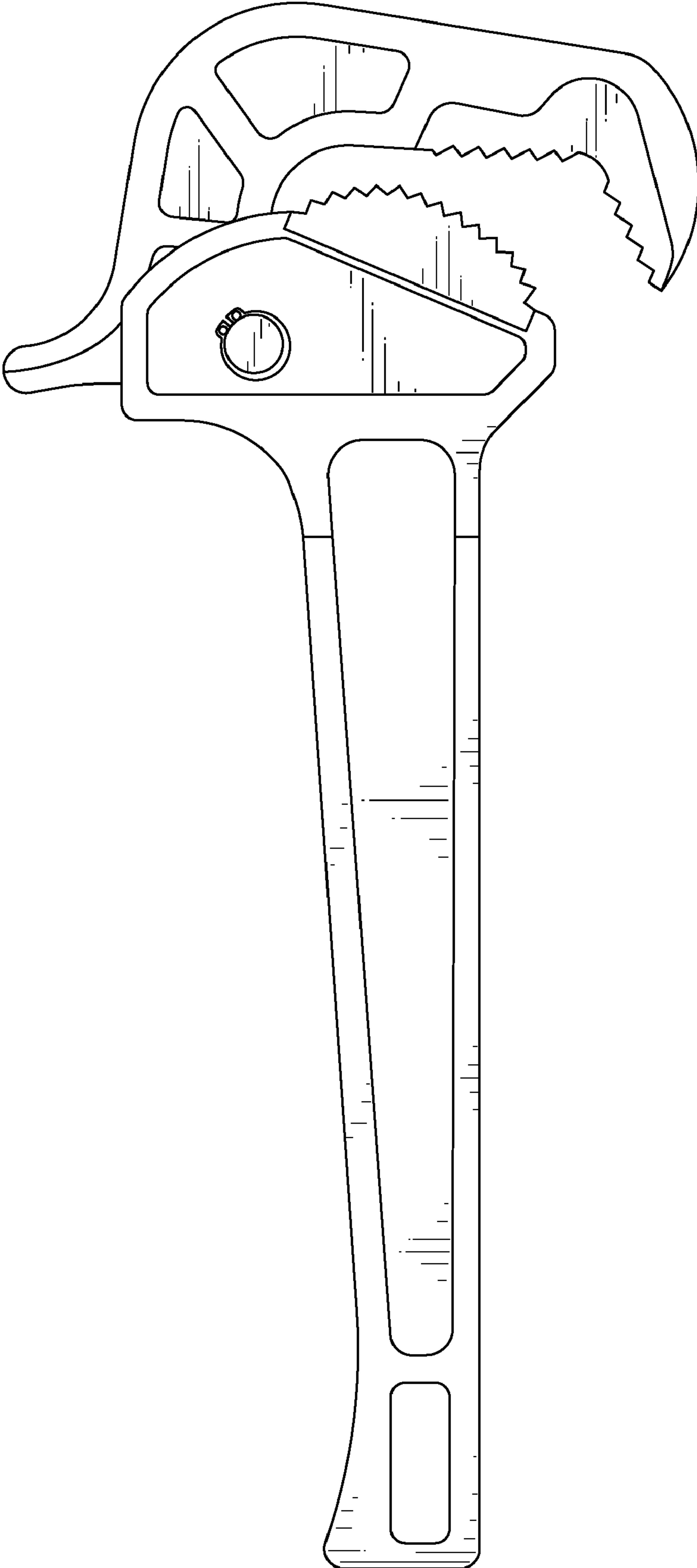


FIG. 4

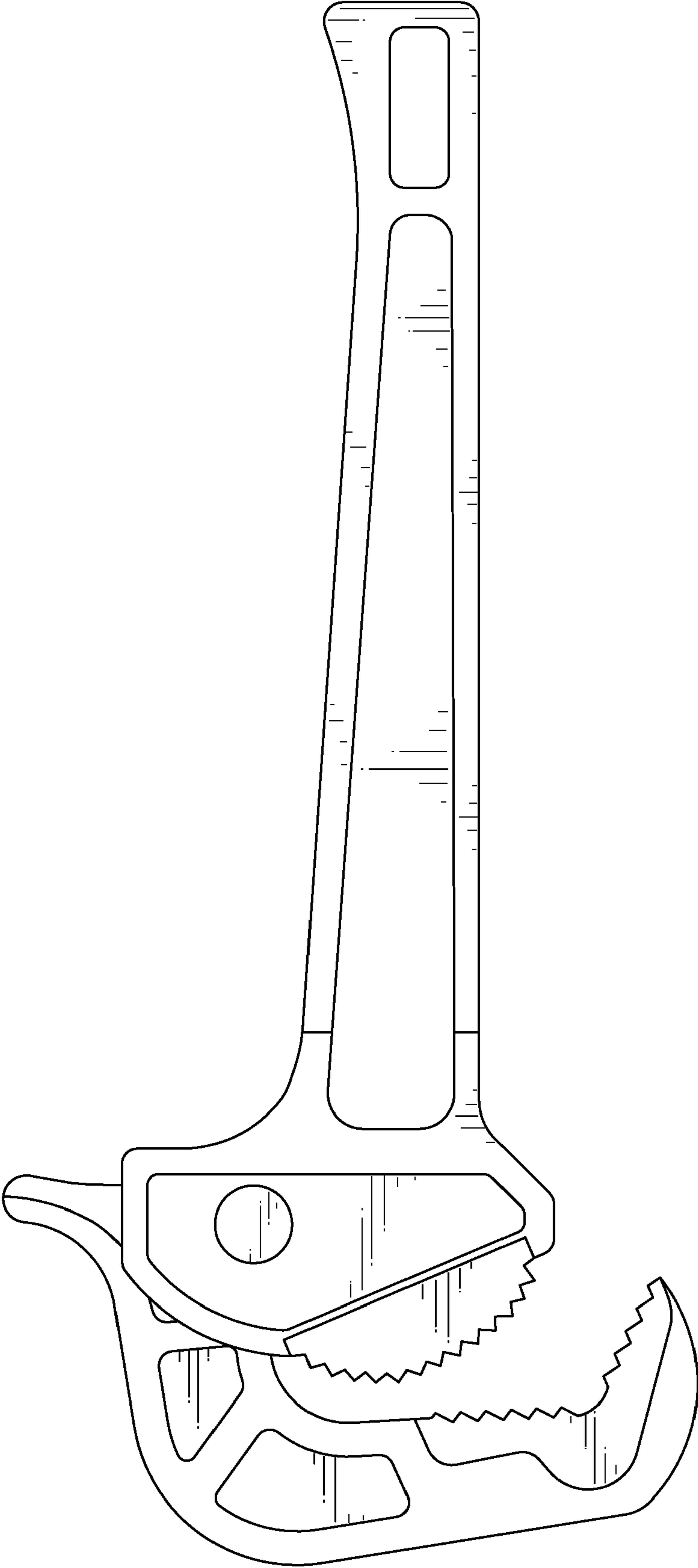


FIG. 5

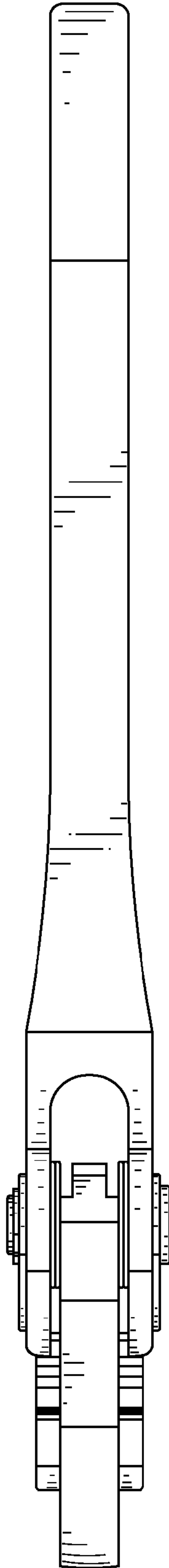


FIG. 6

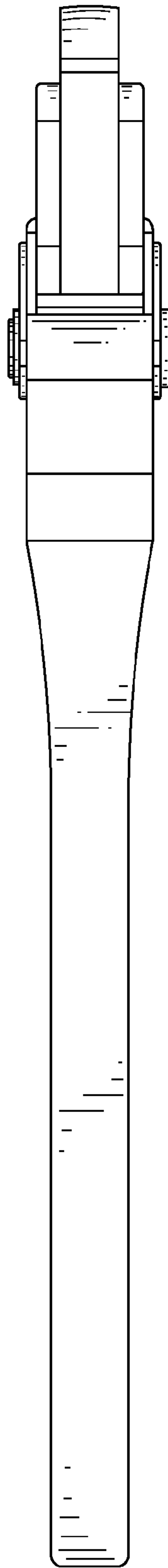


FIG. 7