



US00D477756S

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

(10) **Patent No.:** **US D477,756 S**

(45) **Date of Patent:** **** Jul. 29, 2003**

(54) **TOOL AND REVERSING LEVER**
(75) Inventors: **Pei Y. Lee**, Garland, TX (US);
Christopher E. Doles, Simsbury, CT (US)

5,533,427 A 7/1996 Chow
5,636,557 A 6/1997 Ma
5,782,147 A 7/1998 Chaconas et al.
5,794,496 A 8/1998 Arnold
5,842,391 A 12/1998 Chaconas
5,857,390 A 1/1999 Whiteford
5,884,538 A 3/1999 Van Lenten

(73) Assignee: **Hand Tools Design Corporation**,
Christiana, DE (US)

(List continued on next page.)

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

FOREIGN PATENT DOCUMENTS

(21) Appl. No.: **29/168,270**

GB 1559093 1/1980

(22) Filed: **Oct. 24, 2002**

OTHER PUBLICATIONS

Related U.S. Application Data

Armstrong Eliminator Brochure (color copy), Feb., 2000.
Armstrong Industrial Hand Tools Brochure (color copy), 1998.

(63) Continuation of application No. 29/145,451, filed on Jul. 23, 2001, now abandoned.

Primary Examiner—Raphael Barkai

(51) **LOC (7) Cl.** **08-05**

(74) *Attorney, Agent, or Firm*—Nelson Mullins Riley & Scarborough, LLP

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

(58) **Field of Search** D8/21–29; 81/60–63.2,
81/177.1, 177.85, 177.8, 121.1, 124.3

(57) **CLAIM**

(56) **References Cited**

The ornamental design of a tool and reversing lever, substantially as shown and described.

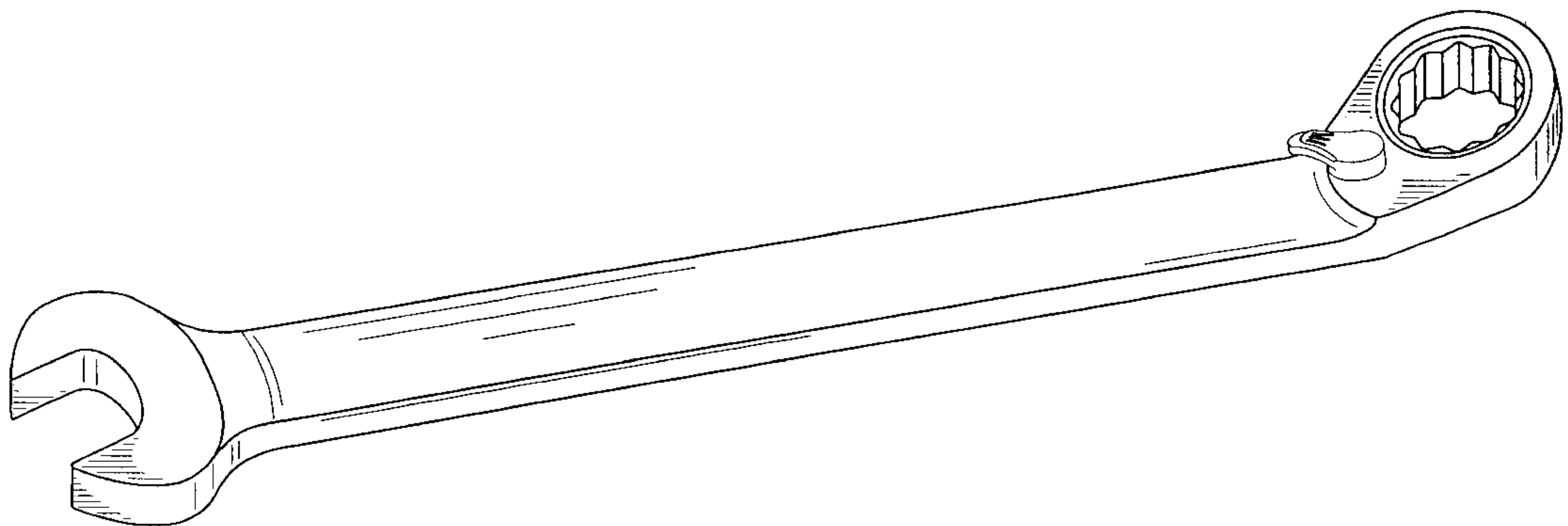
U.S. PATENT DOCUMENTS

DESCRIPTION

893,097 A 7/1908 Reams
1,033,358 A 7/1912 Turner
1,194,471 A 8/1916 Boosinger
1,426,127 A 8/1922 Tuttle
1,957,462 A 5/1934 Kress
2,657,604 A 11/1953 Rueb
2,957,377 A 10/1960 Hare
3,019,682 A 2/1962 Hare
3,023,654 A 3/1962 Stambaugh et al.
3,265,171 A 8/1966 Kilness
3,337,014 A 8/1967 Sandrick
3,393,780 A 7/1968 Kilness
3,436,992 A 4/1969 Over et al.
4,796,492 A 1/1989 Liou
5,178,047 A 1/1993 Arnold et al.
5,199,330 A 4/1993 Arnold et al.
5,295,422 A 3/1994 Chow
5,425,291 A 6/1995 Chang

FIG. 1 is a perspective view of a tool and reversing lever embodying the design of the present invention.
FIG. 2 is a right side elevational view of the tool and reversing lever illustrated in FIG. 1.
FIG. 3 is a left side elevational view of the tool and reversing lever shown in FIG. 1.
FIG. 4 is a back side elevational view of the tool and reversing lever shown in FIG. 1.
FIG. 5 is a front side elevational view of the tool and reversing lever shown in FIG. 1.
FIG. 6 is a top view of the tool and reversing lever illustrated in FIG. 1; and,
FIG. 7 is a bottom view of the tool and reversing lever illustrated in FIG. 1.

1 Claim, 2 Drawing Sheets



US D477,756 S

Page 2

U.S. PATENT DOCUMENTS

5,901,620 A	5/1999	Arnold	6,125,722 A	10/2000	Hopper, Jr. et al.
5,913,954 A	6/1999	Arnold et al.	6,134,990 A	10/2000	Ling et al.
5,941,141 A	8/1999	Whitley	6,151,993 A	11/2000	Shiao et al.
5,964,129 A	10/1999	Shiao	6,161,454 A	12/2000	Chaconas
D423,891 S	5/2000	Melvin et al.	D439,480 S	3/2001	Hsu
6,065,374 A	5/2000	Taggart	6,216,565 B1	4/2001	McCann
			6,230,591 B1	5/2001	Ling et al.
			6,282,992 B1	9/2001	Hu

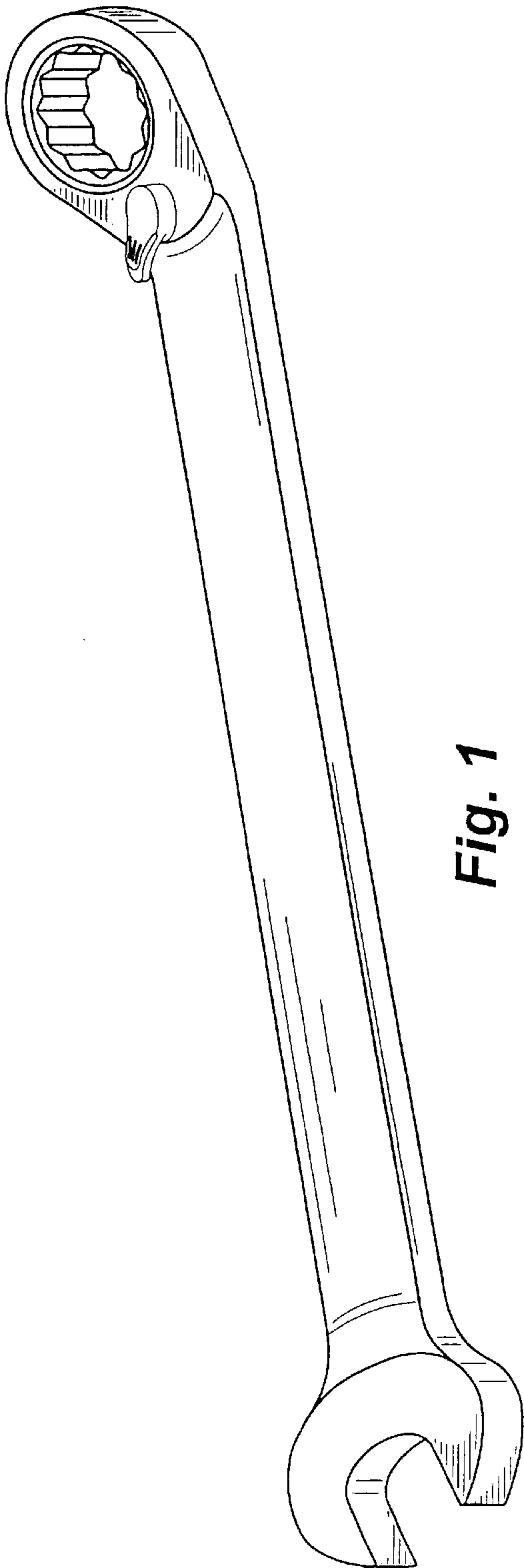


Fig. 1

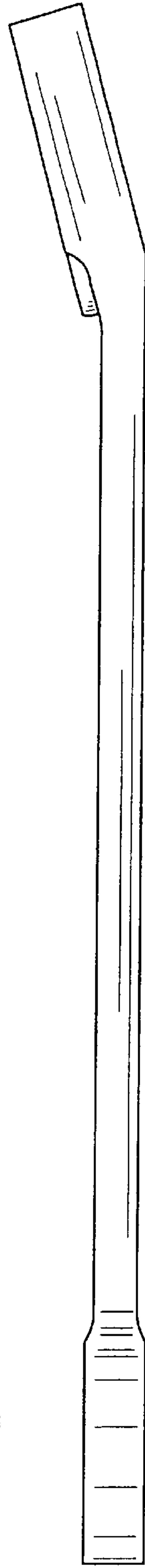


Fig. 2

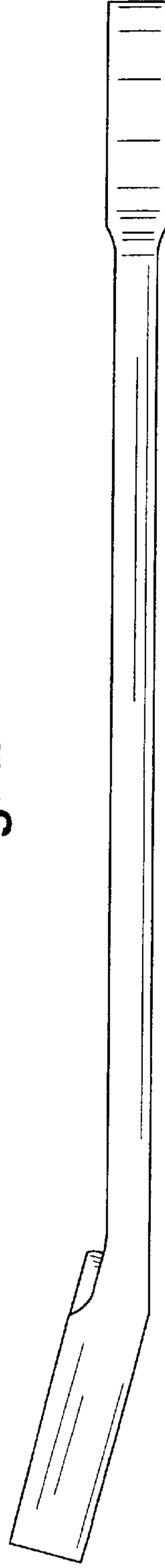


Fig. 3

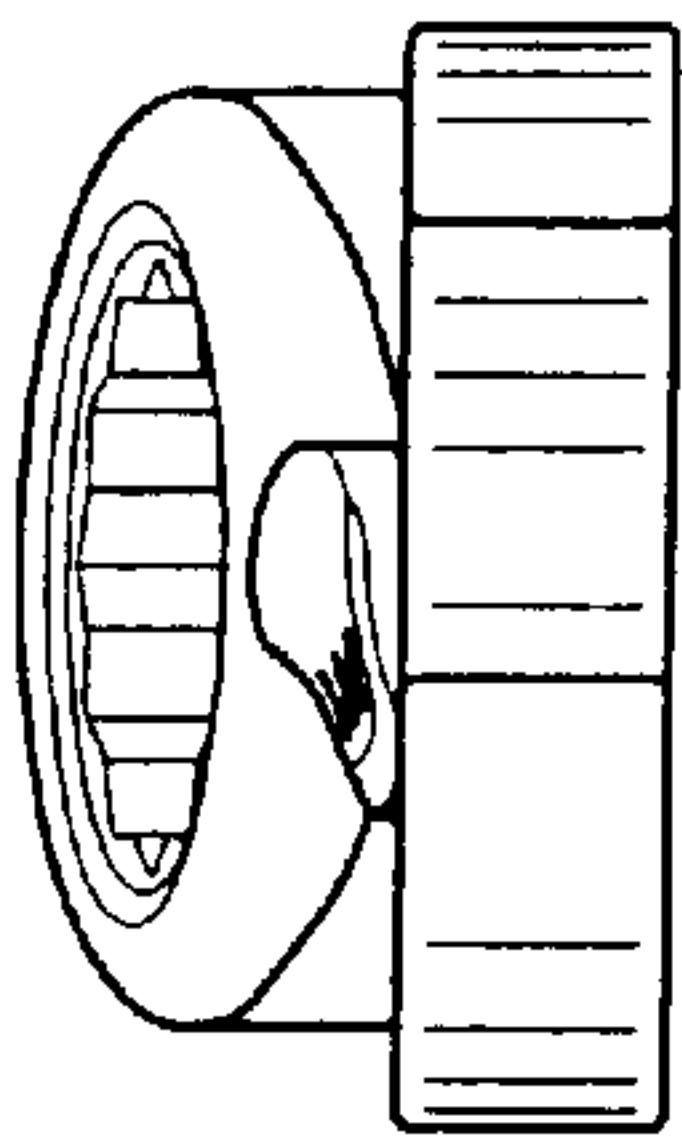


Fig. 4

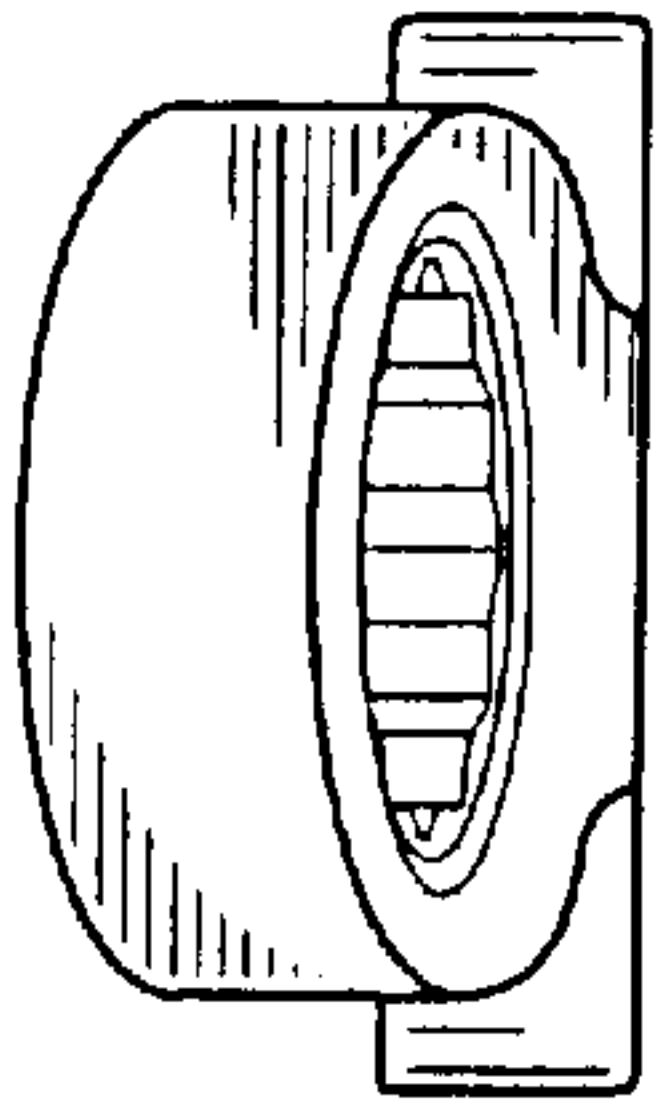


Fig. 5

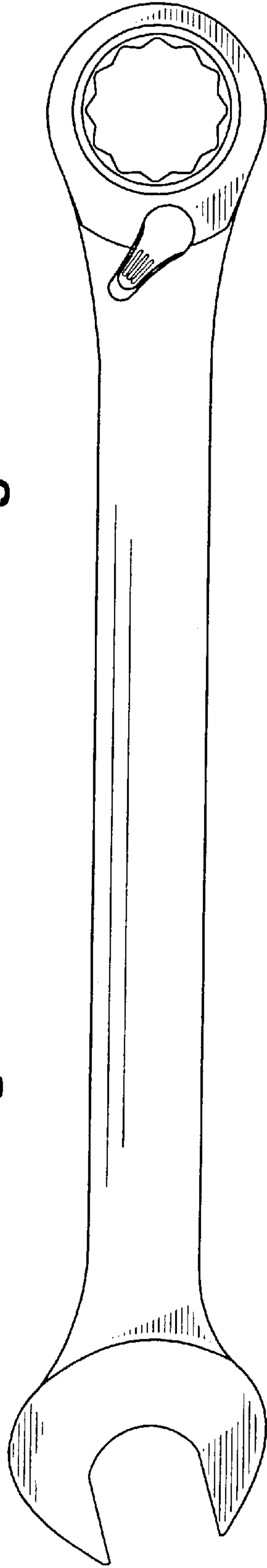


Fig. 6

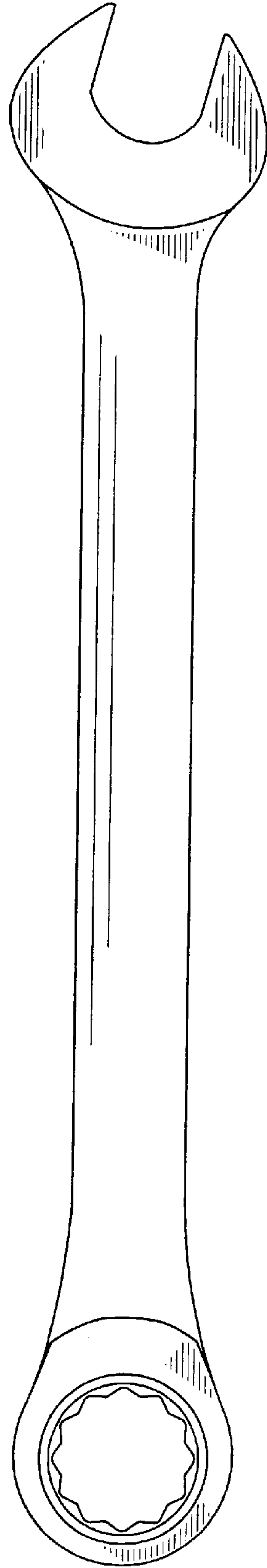


Fig. 7