

US00D509717S

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

(10) **Patent No.:** **US D509,717 S**
(45) **Date of Patent:** **** Sep. 20, 2005**

(54) **RATCHET WRENCH BODY**
(75) Inventors: **Richard P. Folkenroth**, York, PA (US);
Robert L. Arnold, Wrightsville, PA
(US)

4,903,554 A 2/1990 Colvin 81/63
4,986,147 A 1/1991 Cooper 81/63.2
5,012,705 A 5/1991 Chow 81/63
D326,985 S 6/1992 Chow D8/25

(Continued)

(73) Assignee: **Easco Hand Tools, Inc.**, Simsbury, CT
(US)

FOREIGN PATENT DOCUMENTS

GB 1559093 1/1980 B25B/13/46

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/168,275**
(22) Filed: **Sep. 9, 2003**

Armstrong Eliminator Brochure (color copy), Feb., 2000.
Armstrong Industrial Hand Tools Brochure (color copy),
1998.
Easco Hand Tools, Inc. Promotional Literature, published
late 1980's.

Related U.S. Application Data

(63) Continuation of application No. 29/172,571, filed on Dec.
12, 2002, which is a continuation of application No. 29/159,
345, filed on Apr. 18, 2002, now abandoned.

Primary Examiner—Raphael Barkai

(74) *Attorney, Agent, or Firm*—Nelson Mullins Riley &
Scarborough, L.L.P.

(51) **LOC (8) Cl.** **08-05**
(52) **U.S. Cl.** **D8/25**
(58) **Field of Search** D8/21–29; 81/60–63.2,
81/177.1, 177.85, 177.2

(57) **CLAIM**

The ornamental design of a ratchet wrench body, substan-
tially as shown and described.

(56) **References Cited**

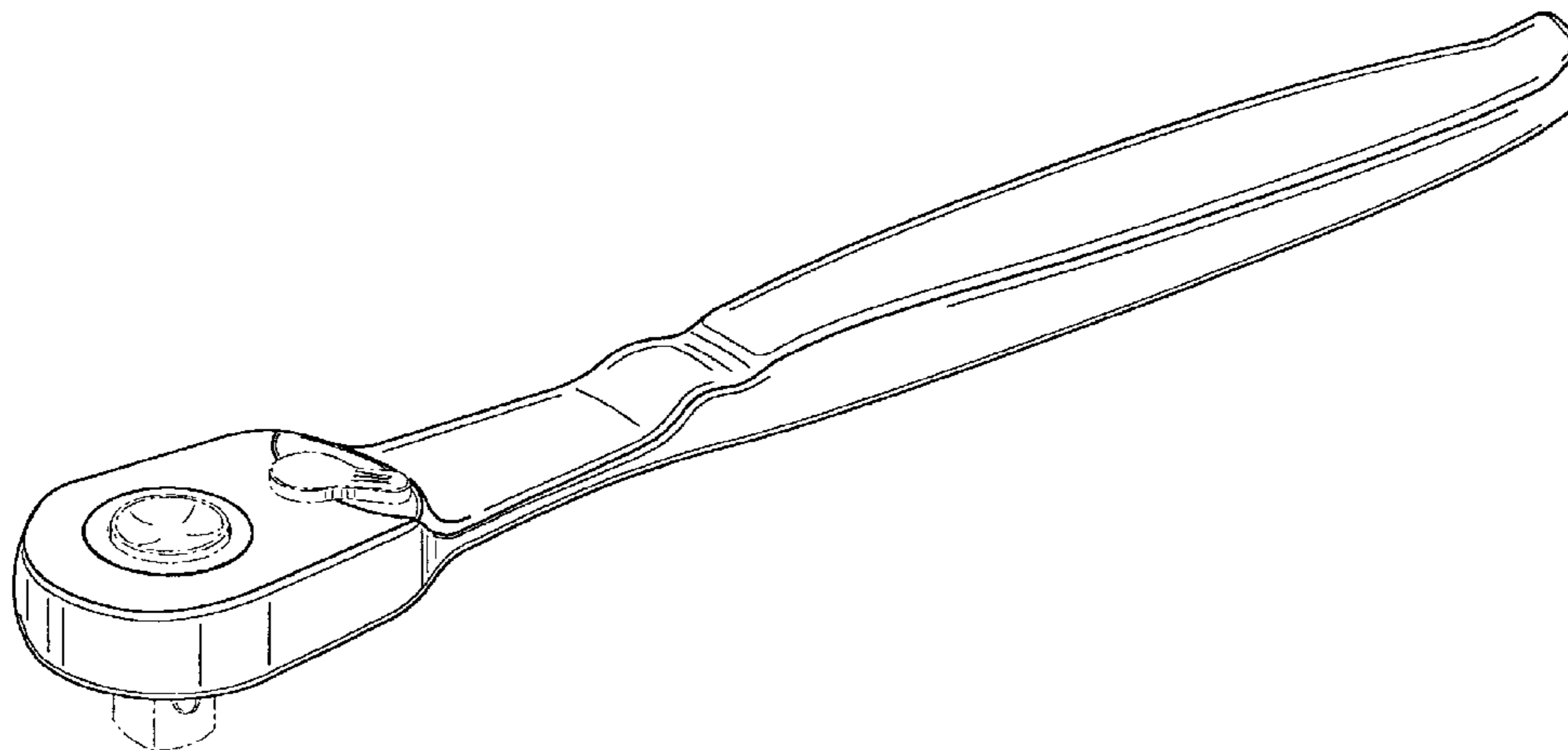
DESCRIPTION

U.S. PATENT DOCUMENTS

1,957,462 A 5/1934 Kress 81/63
2,657,604 A 11/1953 Rueb 81/63.2
2,701,977 A 2/1955 Stone 81/63.2
2,957,377 A 10/1960 Hare 81/63.2
3,019,682 A 2/1962 Hare 81/63.2
3,250,157 A 5/1966 Badger 81/63
3,337,014 A 8/1967 Sandrick 192/43.1
3,393,587 A 7/1968 Jolliff 81/63.2
3,393,780 A 7/1968 Kilness 192/43.2
3,436,992 A 4/1969 Over et al. 81/63.1
3,713,356 A 1/1973 Knudsen 81/177.6
3,970,155 A 7/1976 Otto
4,053,037 A 10/1977 Solomon 192/43.1
4,257,507 A 3/1981 Solomon 192/43.1
4,420,995 A 12/1983 Roberts 81/60
4,762,033 A 8/1988 Chow 81/63.2
D300,296 S 3/1989 Krapowicz et al. D8/25

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

1 Claim, 3 Drawing Sheets



US D509,717 S

Page 2

U.S. PATENT DOCUMENTS

5,178,047 A	1/1993	Arnold et al.	81/63.2	D417,373 S	12/1999	Neyton et al.	D8/25
5,199,330 A	4/1993	Arnold et al.	81/63.2	6,000,302 A	12/1999	Chiang	81/177.8
5,199,335 A	4/1993	Arnold et al.	81/177.8	D423,891 S	5/2000	Melvin et al.	D8/25
D340,628 S	10/1993	Chow	D8/25	6,065,374 A	5/2000	Taggart	81/63.2
5,295,422 A	3/1994	Chow	81/124.3	6,125,722 A	10/2000	Hopper, Jr. et al.	81/63
5,347,892 A	9/1994	Moetteli	81/177.85	6,151,993 A	11/2000	Shiao	81/60
D361,484 S	8/1995	Whitley	D8/25	6,161,454 A	12/2000	Chaconas	81/63.2
5,626,061 A	5/1997	Whitley	81/63	6,164,167 A	12/2000	Chen	81/63.2
5,636,557 A	6/1997	Ma	81/60	D439,480 S	3/2001	Hsu	D8/25
5,782,147 A	7/1998	Chaconas et al.	81/63.1	6,216,565 B1	4/2001	McCann	81/177.8
5,794,496 A	8/1998	Arnold	81/63.2	6,216,567 B1	4/2001	Hu	81/177.9
5,842,391 A	12/1998	Chaconas	81/60	6,230,591 B1	5/2001	Ling et al.	81/63
5,857,390 A	1/1999	Whiteford	81/62	6,257,096 B1	7/2001	Ling	81/60
5,910,197 A	6/1999	Chaconas	81/124.6	6,260,448 B1	7/2001	Chaconas	81/63
5,913,954 A	6/1999	Arnold et al.	81/63.2	6,282,992 B1	9/2001	Hu	81/63.2
5,941,141 A	8/1999	Whitley	81/63.1	6,435,062 B1	8/2002	McCann	81/63
5,964,129 A	10/1999	Shiao	81/63.2	6,457,387 B1	10/2002	Hu	81/63.2
				6,477,759 B2	11/2002	Hu	29/527.2

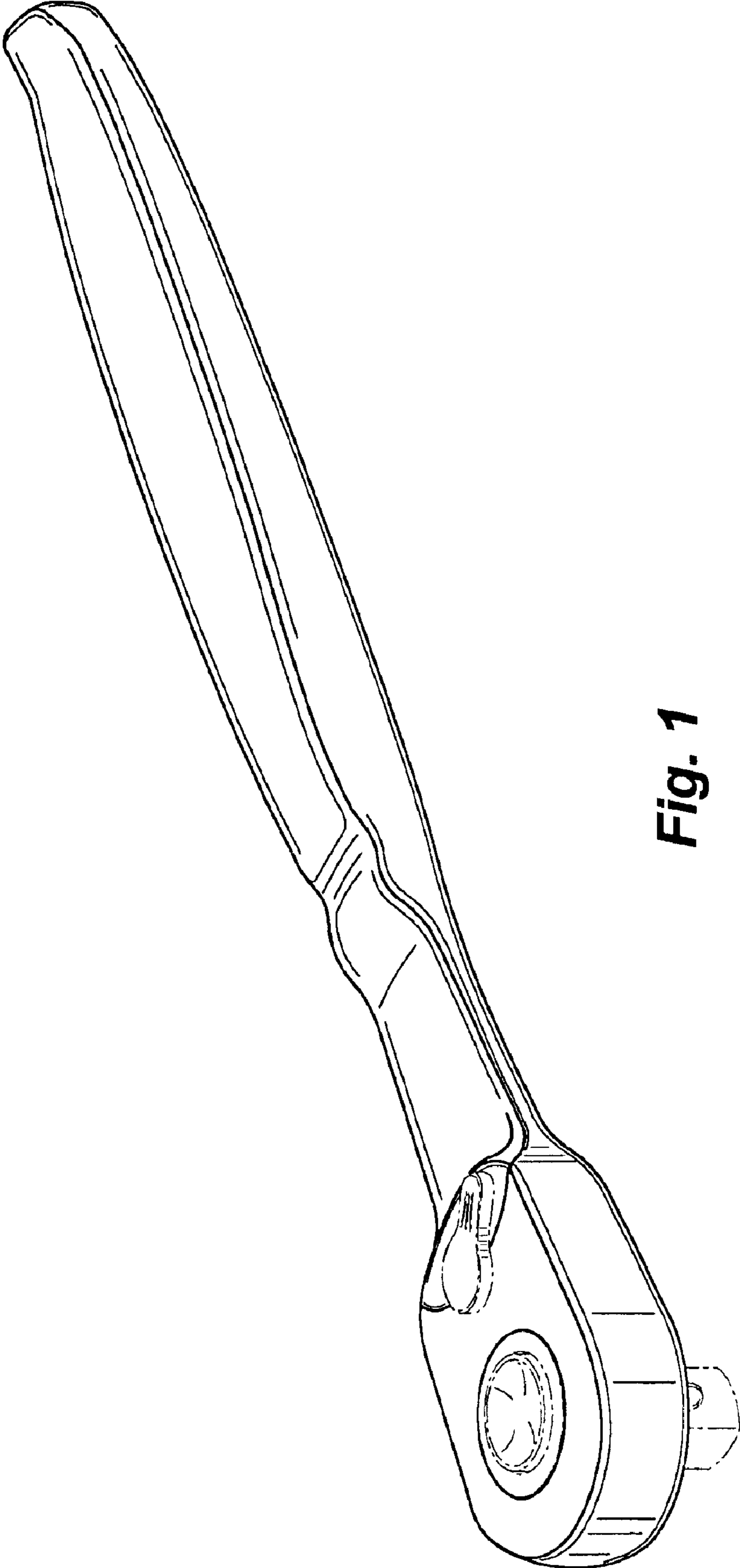


Fig. 1



Fig. 2



Fig. 3

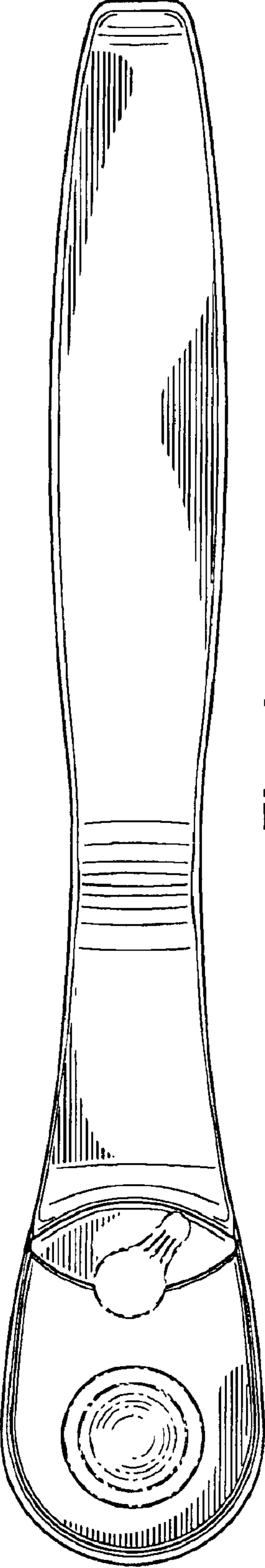


Fig. 4

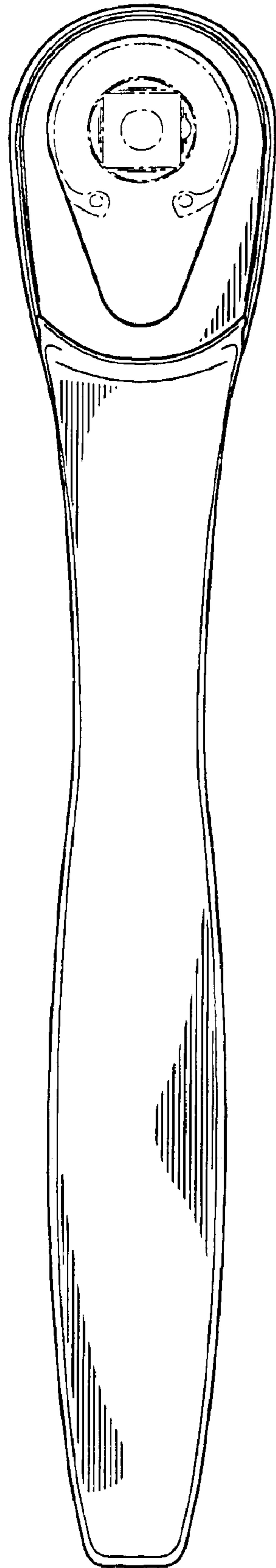


Fig. 5

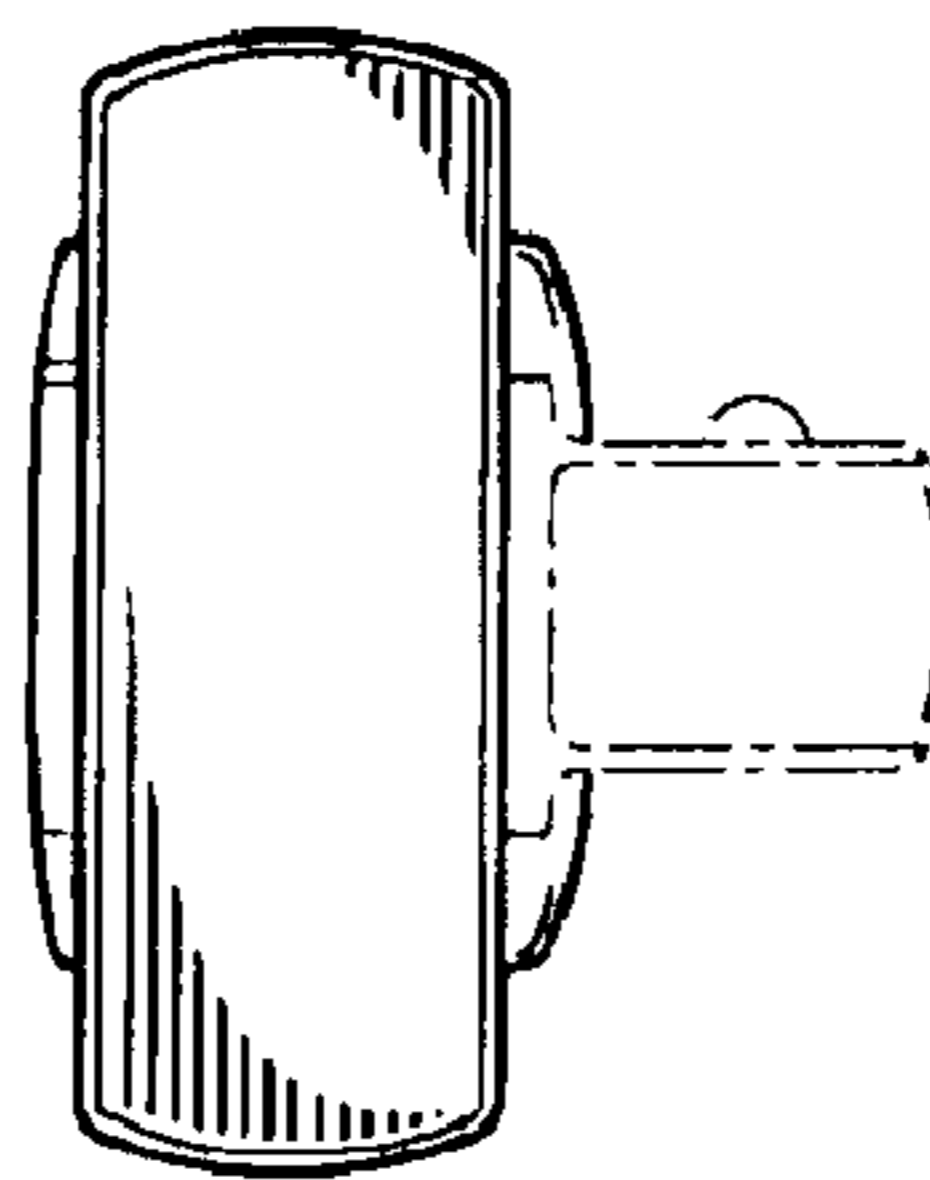


Fig. 6

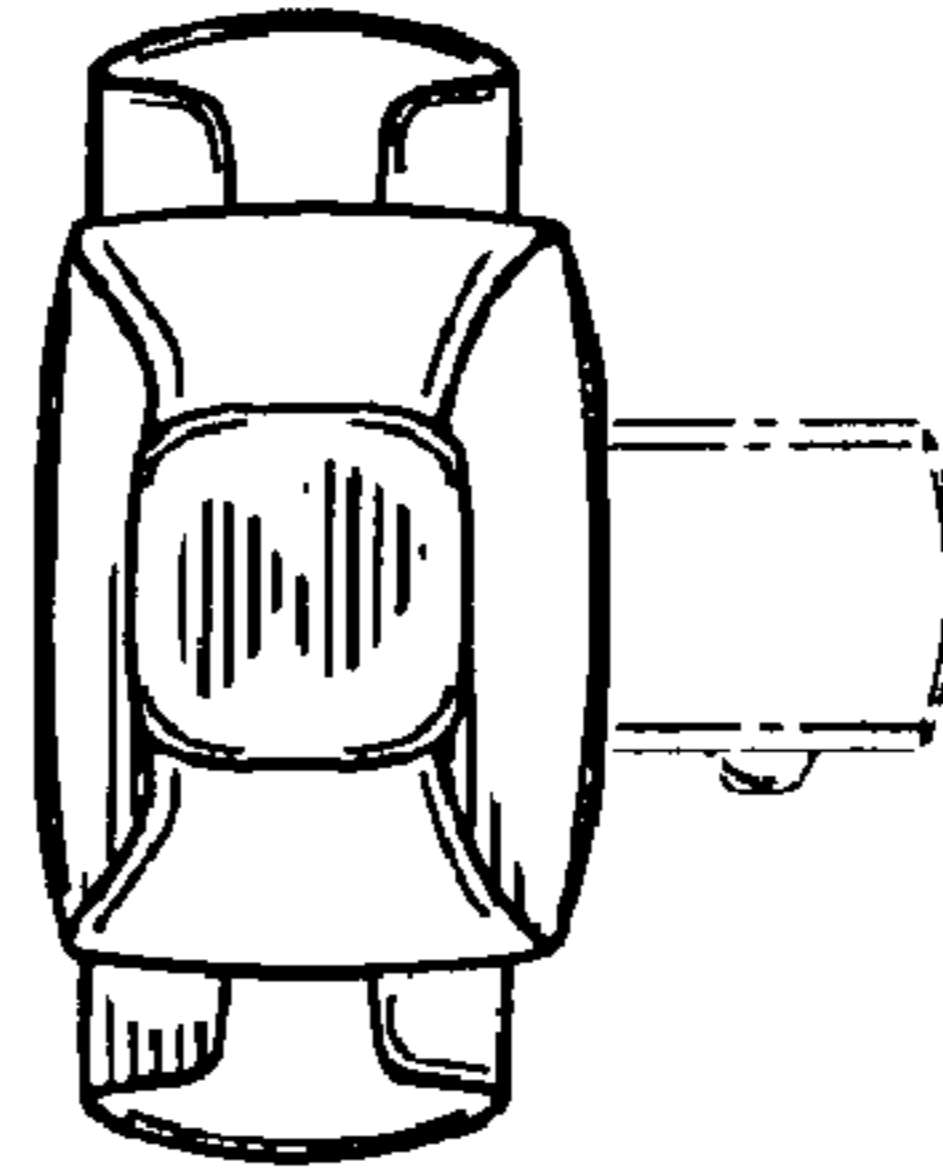


Fig. 7