



US00D526865S

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

(10) **Patent No.:** **US D526,865 S**

(45) **Date of Patent:** **** Aug. 22, 2006**

(54) **RATCHET WRENCH**

(76) **Inventor:** **I-He Liao**, 11F-2, No. 43, Chai-I Street,
Taichung City (TW)

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

(21) **Appl. No.:** **29/224,268**

(22) **Filed:** **Feb. 28, 2005**

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

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

(58) **Field of Classification Search** D8/21-29;
81/119, 121.1, 124.3, 124.4, 124.6, 124.7,
81/125, 177.1, 177.2, 177.85, 436, 177.6,
81/186, 58-63.2

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D386,382 S	*	11/1997	Shiao	.....	D8/107
D402,867 S	*	12/1998	Macor	.....	D8/25
D429,979 S	*	8/2000	Chiang	.....	D8/25
6,116,122 A	*	9/2000	Lien-Sheng	.....	81/177.1
D431,763 S	*	10/2000	Liu	.....	D8/25
D474,662 S	*	5/2003	Canino et al.	.....	D8/25

D482,588 S	*	11/2003	Lai	.....	D8/107
D506,370 S	*	6/2005	Tuanmu	.....	D8/25
6,912,934 B1	*	7/2005	Liao	.....	81/58.3
D515,373 S	*	2/2006	Chen	.....	D8/27
2002/0104410 A1	*	8/2002	Wang	.....	81/177.1

* cited by examiner

Primary Examiner—Raphael Barkai

Assistant Examiner—Randall H. Gholson

(74) *Attorney, Agent, or Firm*—Charles E. Baxley

(57) **CLAIM**

The ornamental design for a ratchet wrench, as shown and described.

DESCRIPTION

FIG. 1 is a front-right-top perspective view of a ratchet wrench, showing my new design;

FIG. 2 is a front elevational view thereof;

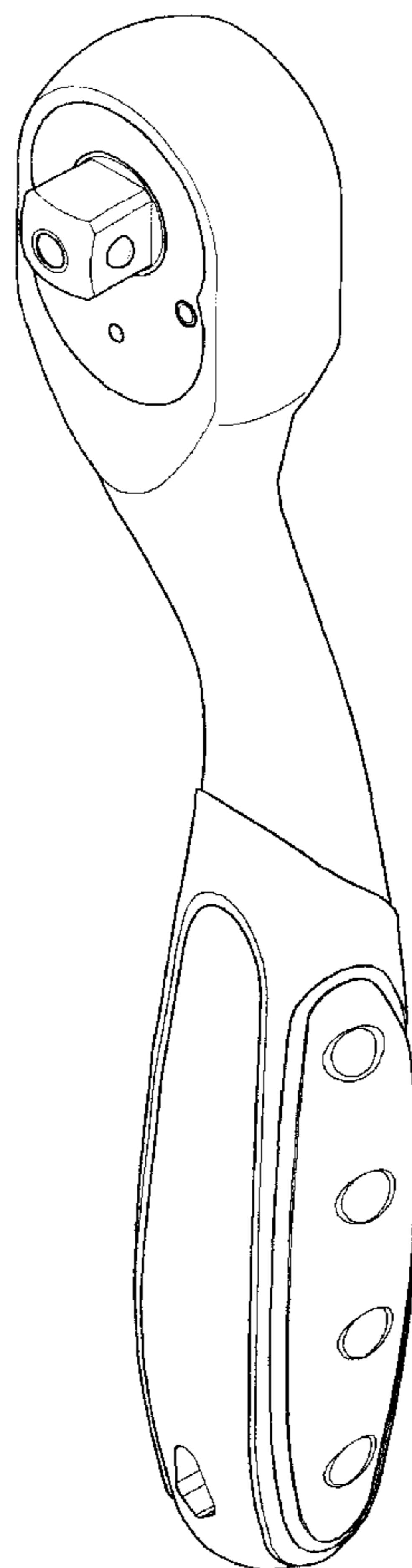
FIG. 3 is a rear elevational view thereof;

FIG. 4 is a left elevational view thereof; (the right side being a mirror image thereof)

FIG. 5 is a top plan view thereof; and,

FIG. 6 is a bottom plan view thereof.

1 Claim, 3 Drawing Sheets



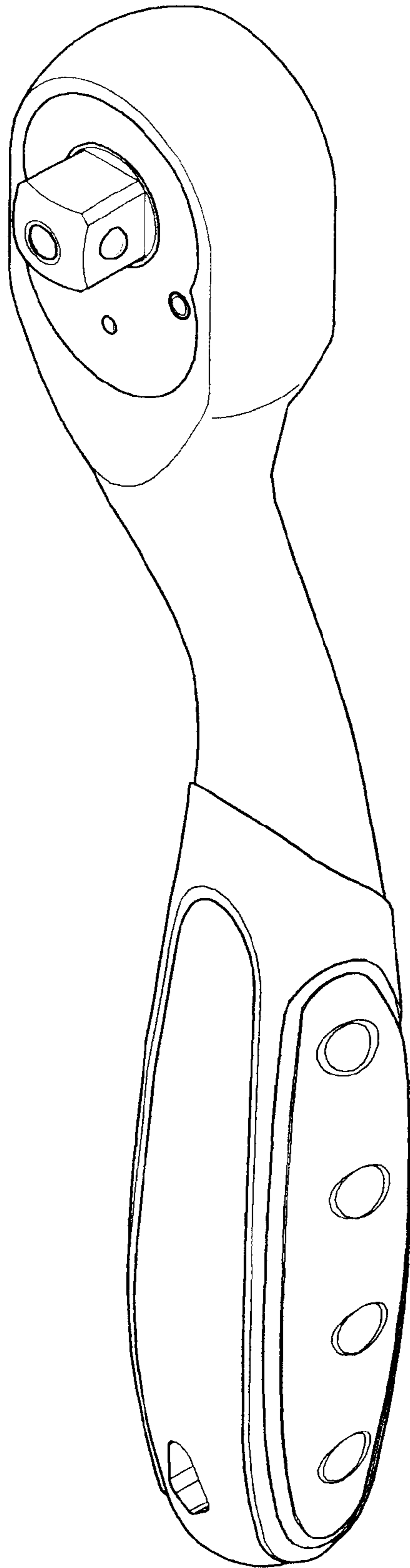


FIG. 1

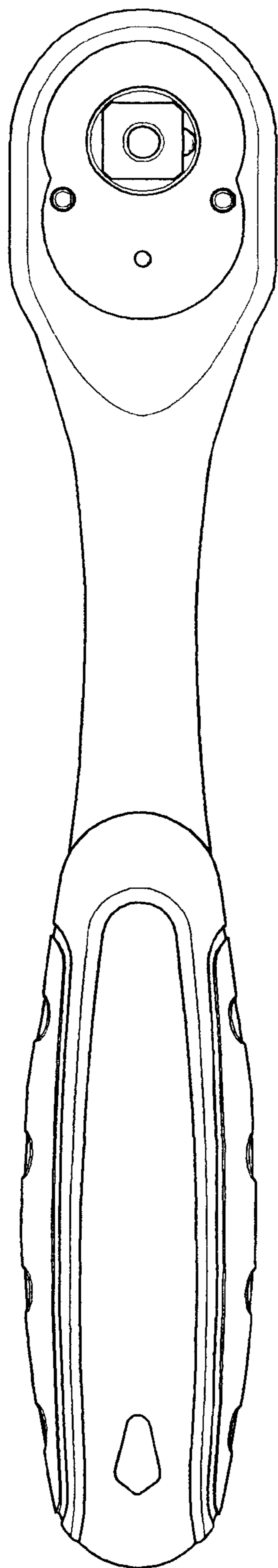


FIG. 2

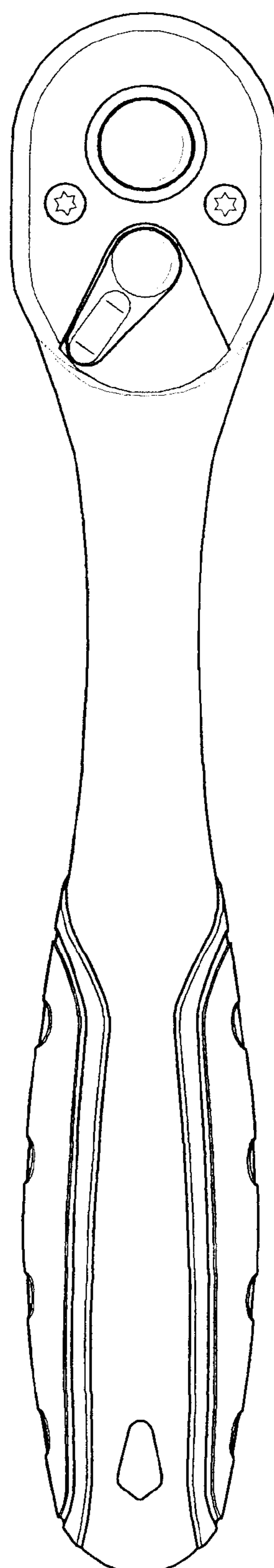


FIG. 3

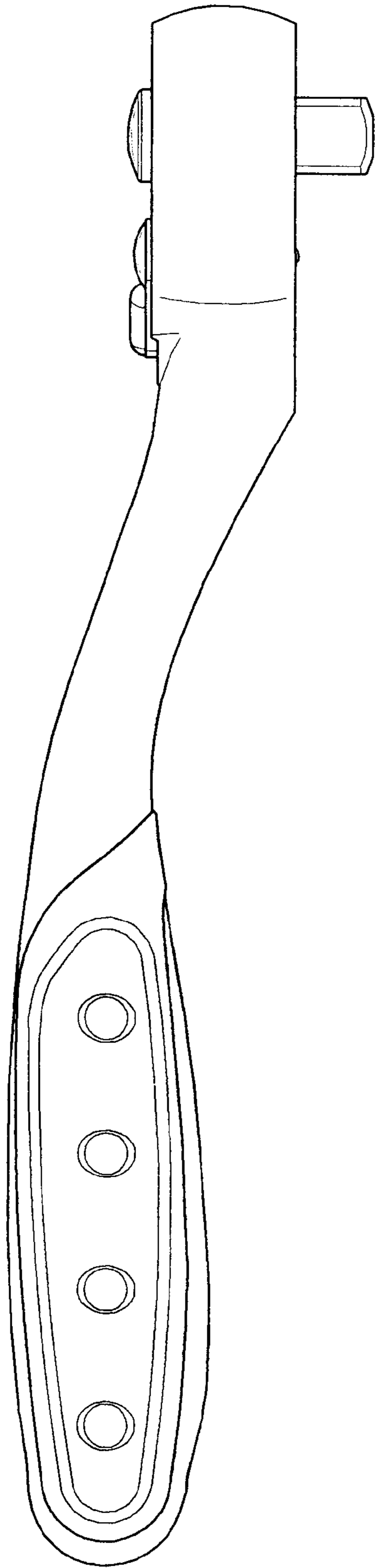


FIG. 4

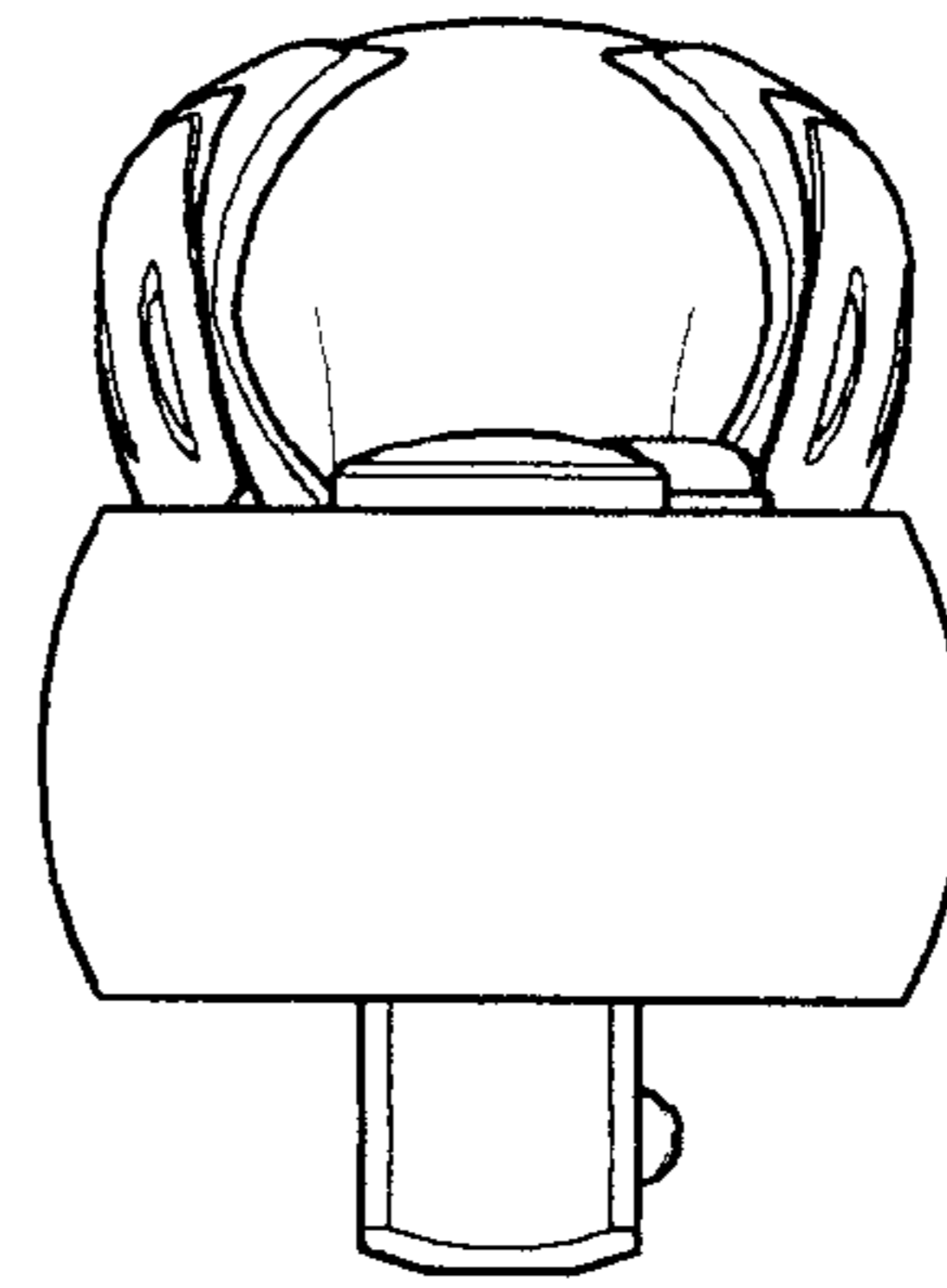


FIG. 5

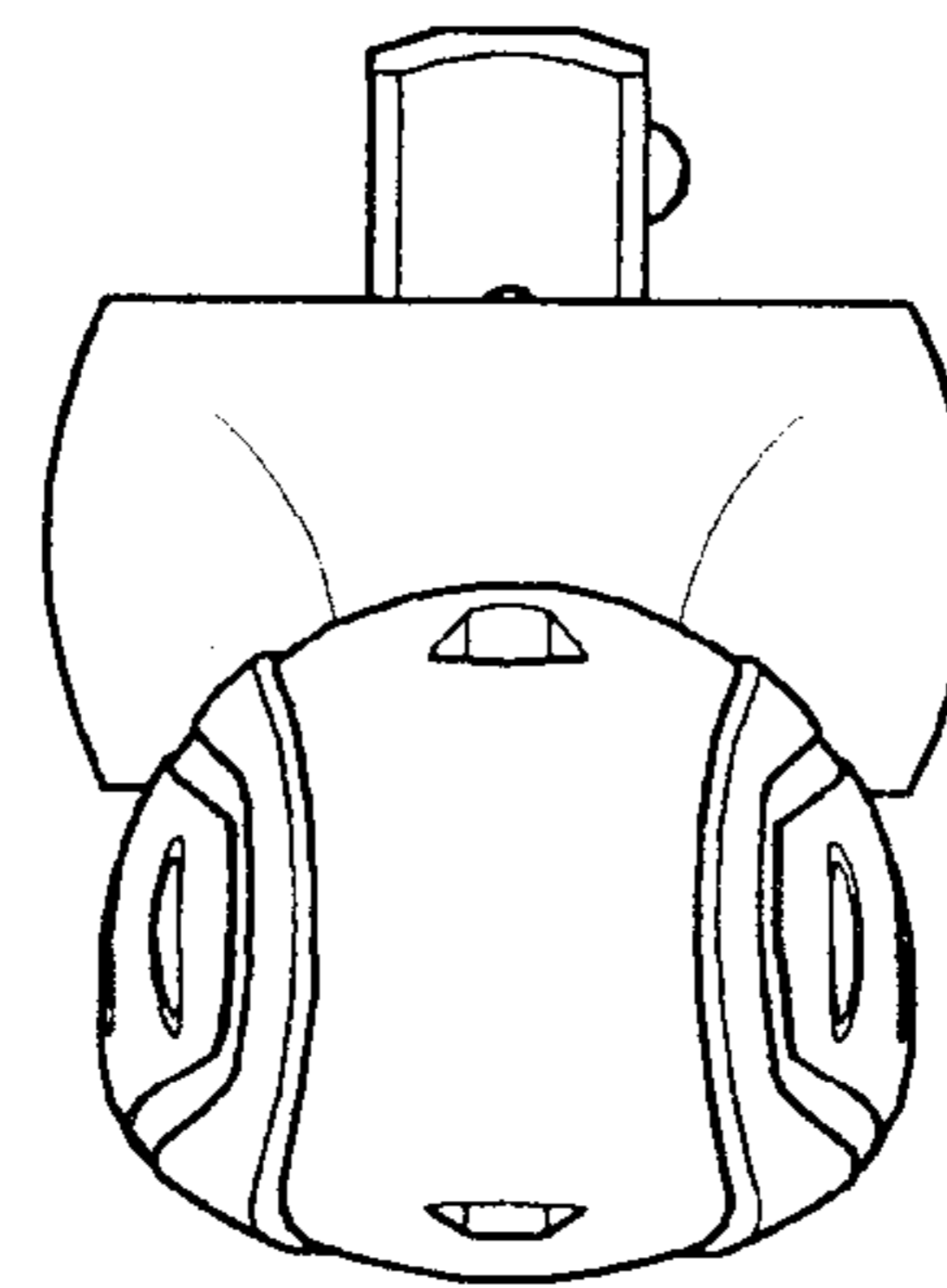


FIG. 6