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

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(54) **RATCHET WRENCH**

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(73) **Assignee:** **Lea Way Hand Tool Corporation (TW)**

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

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

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

(58) **Field of Search D8/17, 21-29;**
81/58, 60-63.2, 177.1, 177.85, 177.8, 121.1,
124.3, 186, 124.4, 125.1

(56) **References Cited**

U.S. PATENT DOCUMENTS

D13,434 S	*	11/1882	Pope	.....	D8/28
D56,945 S	*	1/1921	Piotrowski	.....	D8/28
2,426,763 A	*	9/1947	Curtis	.....	81/125.1
D340,175 S	*	10/1993	Mann	.....	D8/70
5,595,097 A	*	1/1997	Anderson	.....	81/124.4
D403,935 S	*	1/1999	Jones	.....	D8/28

5,865,074 A	*	2/1999	Hsieh	.....	81/124.3
5,946,987 A	*	9/1999	Wei	.....	81/63.2
6,134,990 A	*	10/2000	Ling et al.	.....	81/60
D434,293 S	*	11/2000	Chen	D8/28
D459,960 S	*	7/2002	Wei	D8/25
D474,381 S	*	5/2003	Lee et al.	D8/25

* cited by examiner

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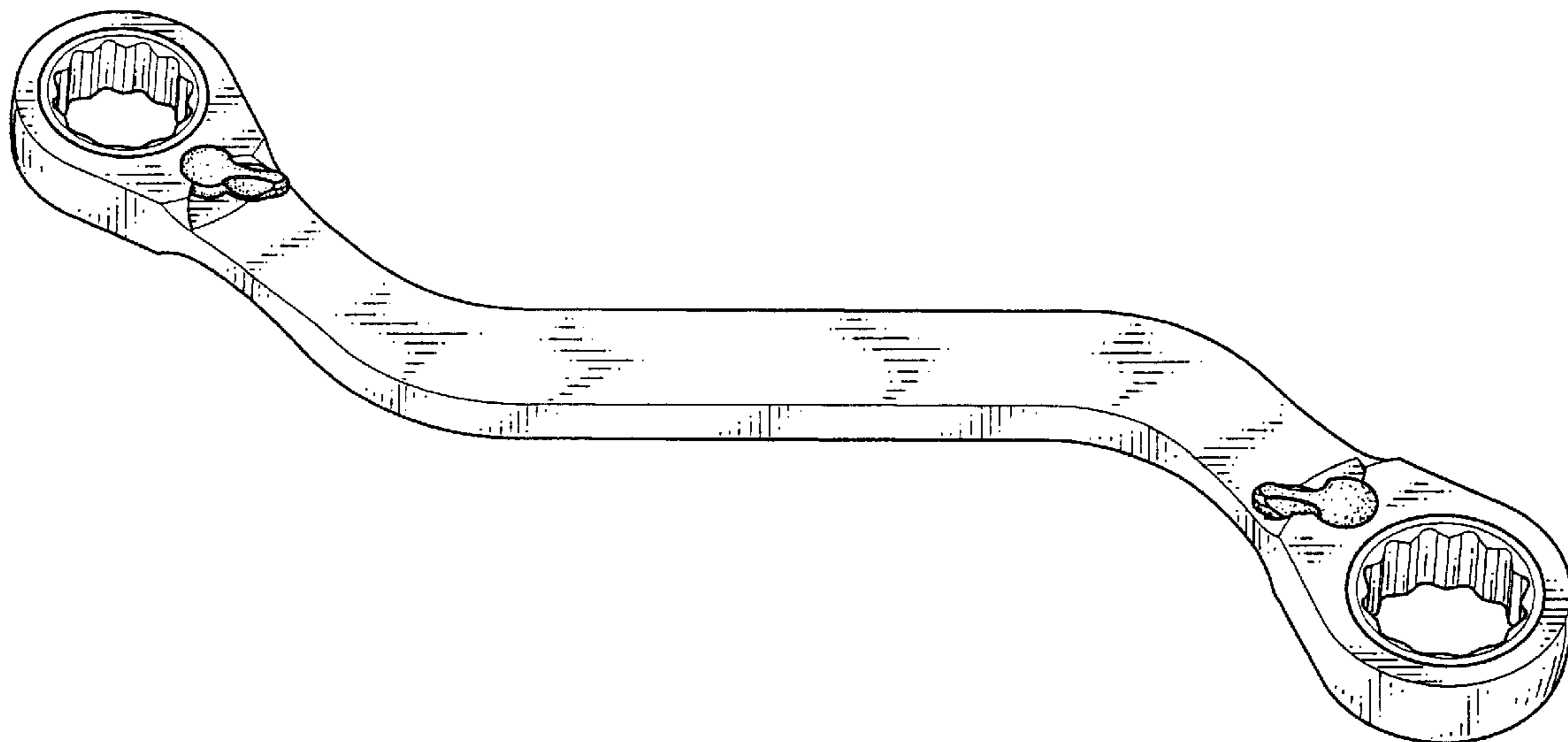
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a ratchet wrench of the subject design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a left side elevational view thereof; and,
FIG. 7 is a right side elevational view thereof.

1 Claim, 3 Drawing Sheets



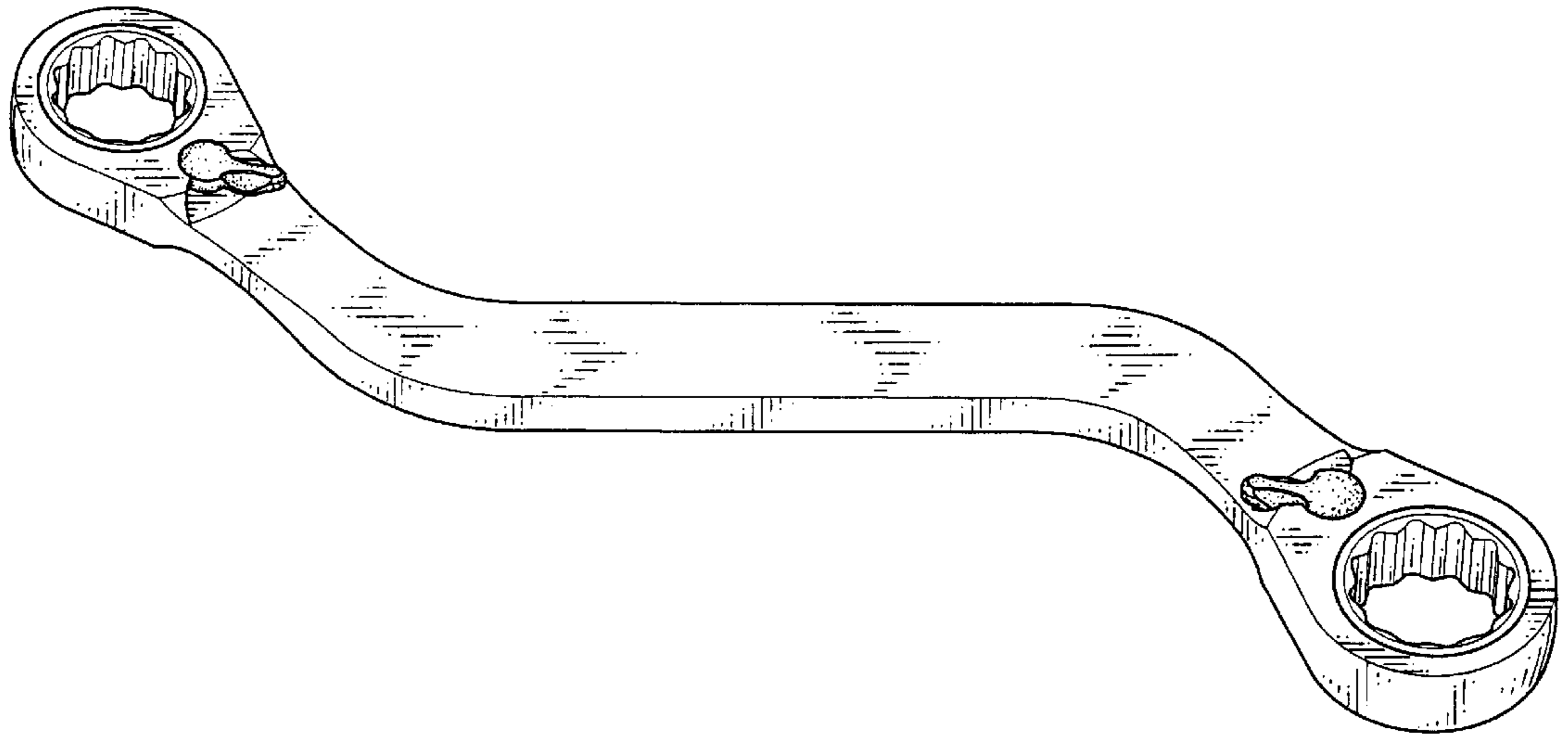
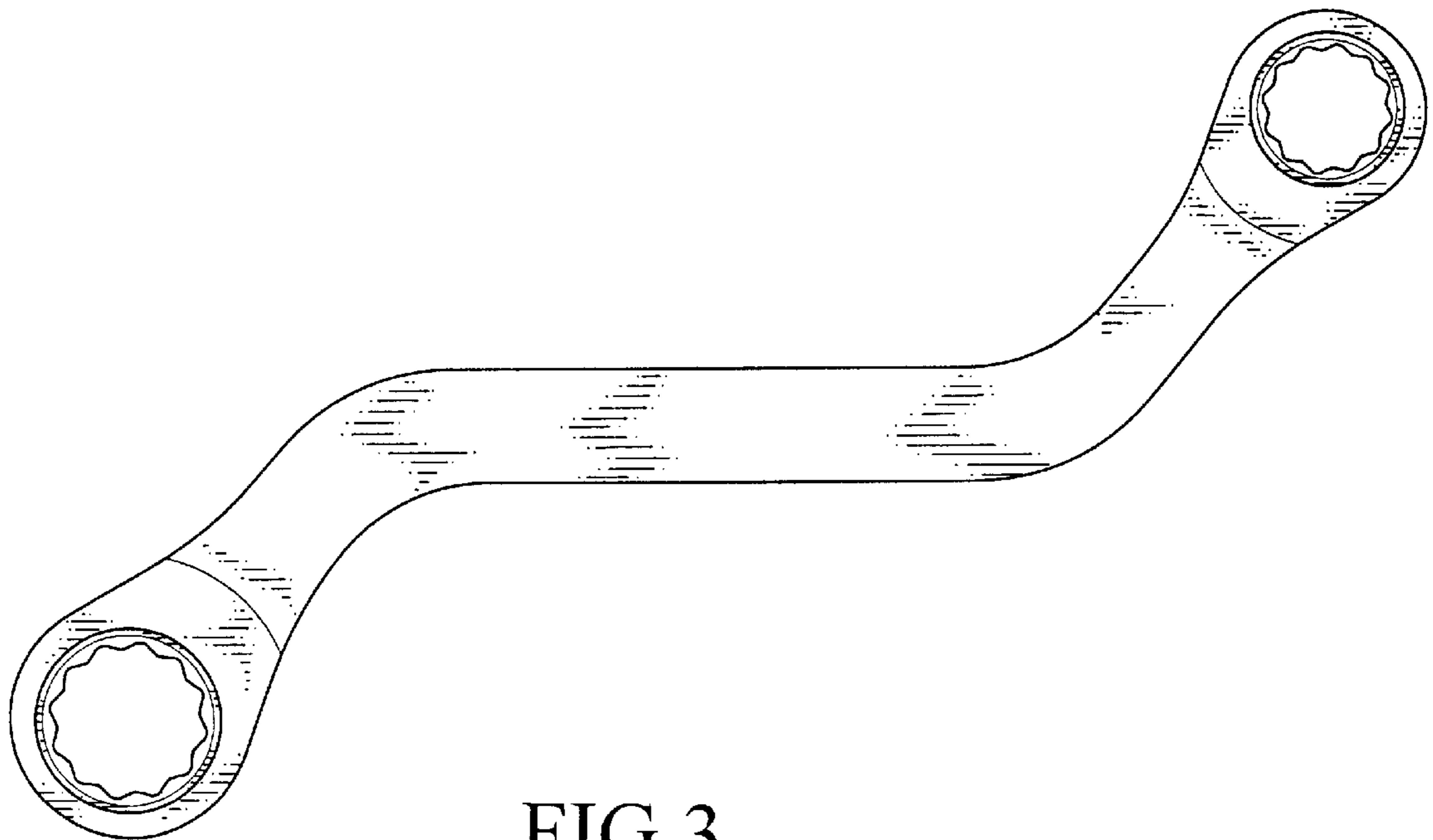
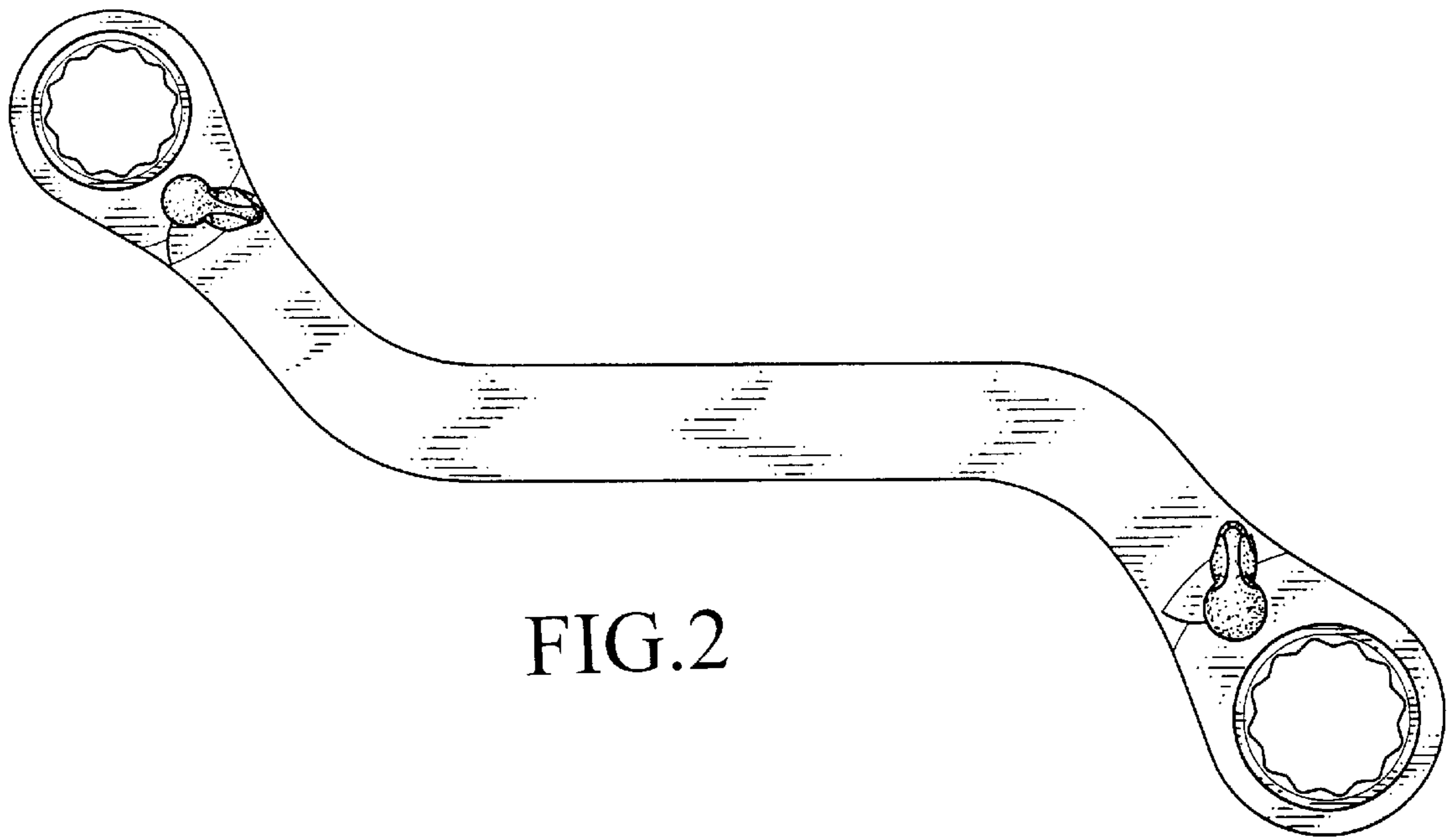


FIG.1



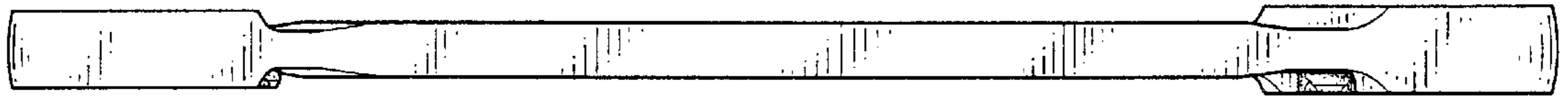


FIG. 4

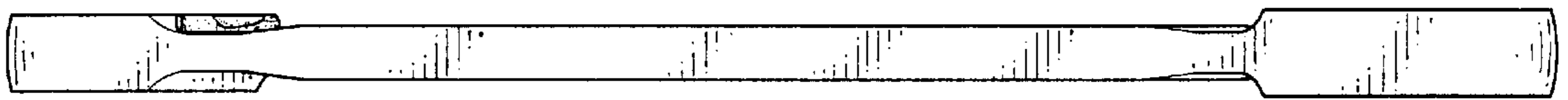


FIG. 5



FIG. 6



FIG. 7