



US00D488967S

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

(10) **Patent No.:** **US D488,967 S**

(45) **Date of Patent:** **** Apr. 27, 2004**

(54) **WRENCH**

D473,767 S * 4/2003 Olson D8/28

(76) Inventor: **Chih-Ching Hsien**, No. 367, Pei Yang Rd., Feng Yuan, Taichung (TW)

* cited by examiner

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

Primary Examiner—Raphael Barkai

(74) *Attorney, Agent, or Firm*—Rosenberg, Klein & Lee

(21) Appl. No.: **29/176,231**

(57) **CLAIM**

(22) Filed: **Feb. 21, 2003**

The ornamental design for wrench, as shown and described.

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

DESCRIPTION

(52) **U.S. Cl.** **D8/25; D8/21; D8/28**

FIG. 1 is a perspective view of wrench showing my new design;

(58) **Field of Search** D8/21-29; 81/125.1, 81/177.8, 177.9, 177.7, 177.1, 60-63.2

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 side elevational view thereof;

FIG. 7 is a bottom side elevational view thereof; and,

FIG. 8 is a perspective view embodying the utilization of my new design.

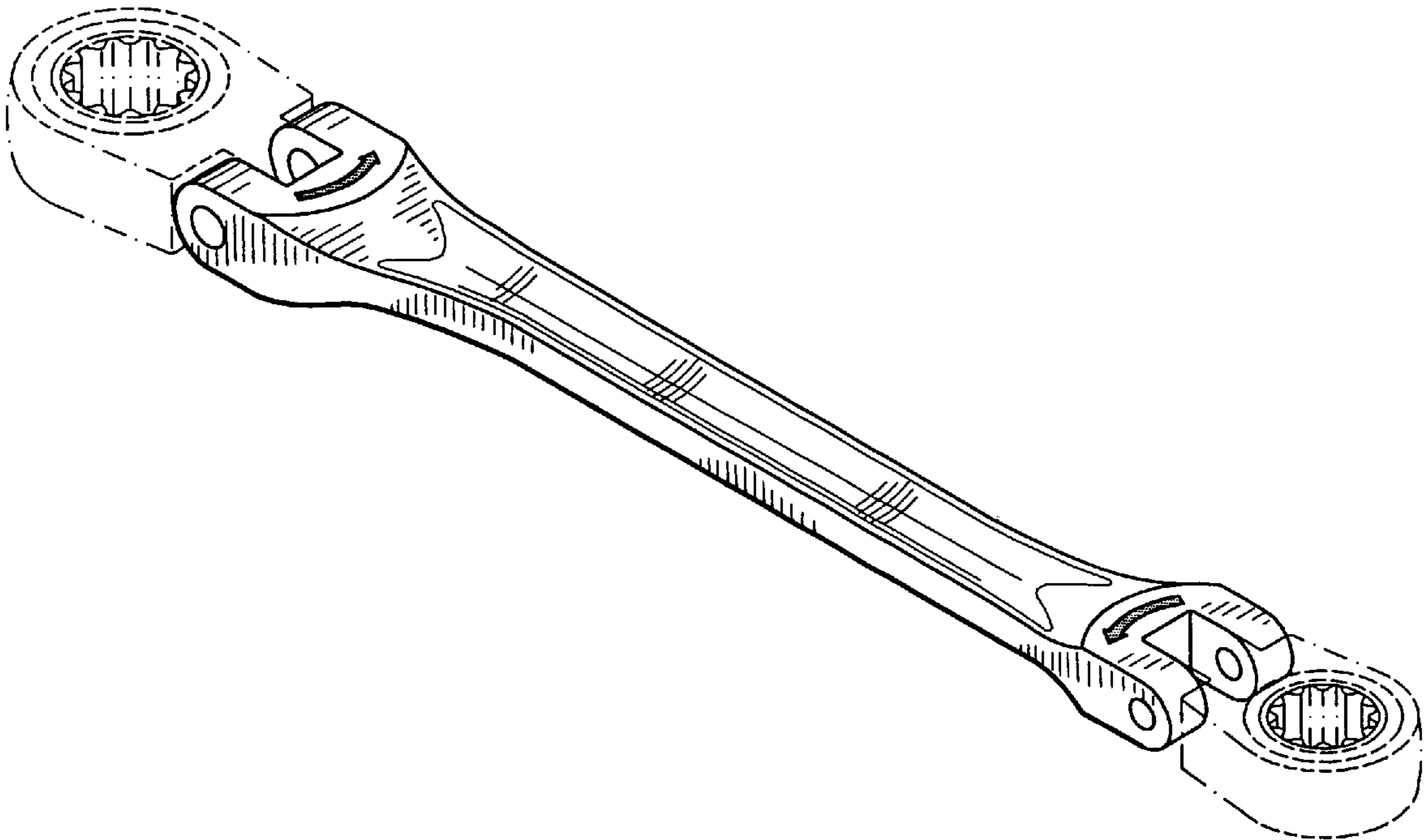
The broken lines shown in FIG. 8 for illustrative purposes only and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,424,676	A	*	8/1922	Parsons	.....	81/125.1
1,792,850	A	*	2/1931	Looft	.....	81/177.8
1,805,298	A	*	5/1931	Schweigert	.....	81/177.8
2,608,894	A	*	9/1952	Miller, Jr. et al.	.....	81/177.9
4,084,456	A	*	4/1978	Pasbrig	.....	81/177.8
5,230,263	A	*	7/1993	Kwaka	.....	81/177.7
5,331,869	A	*	7/1994	Webb	.....	81/177.1
6,112,625	A	*	9/2000	Turtle	.....	81/177.1

1 Claim, 4 Drawing Sheets



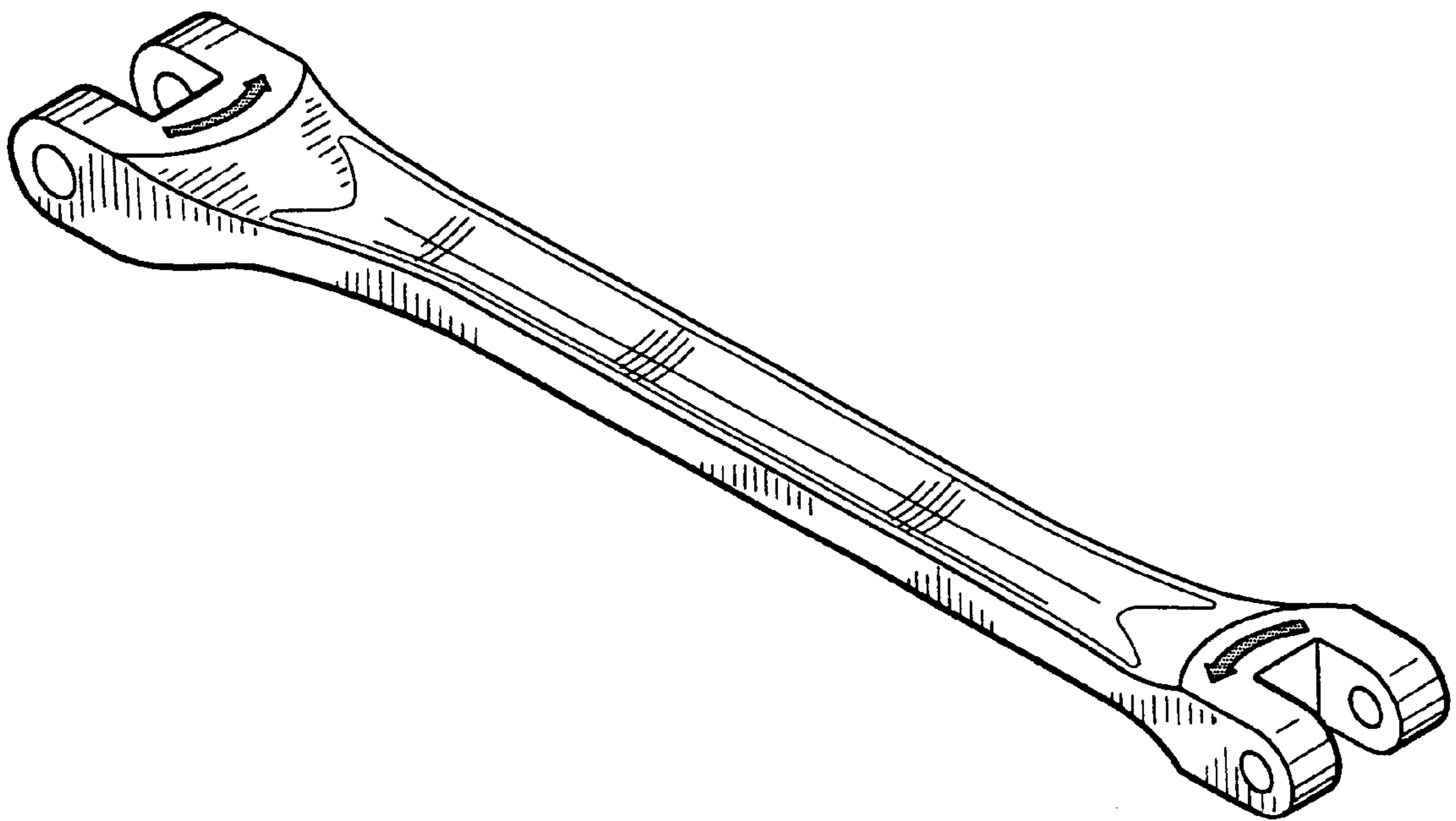


FIG. 1

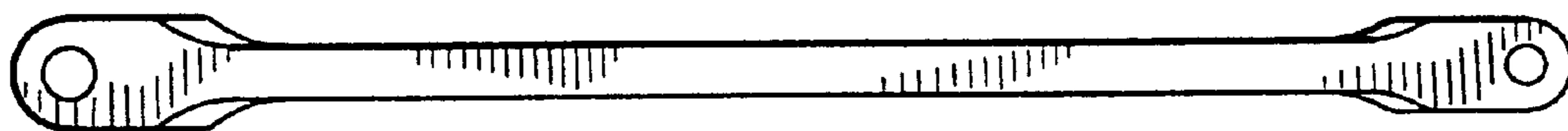


FIG. 2

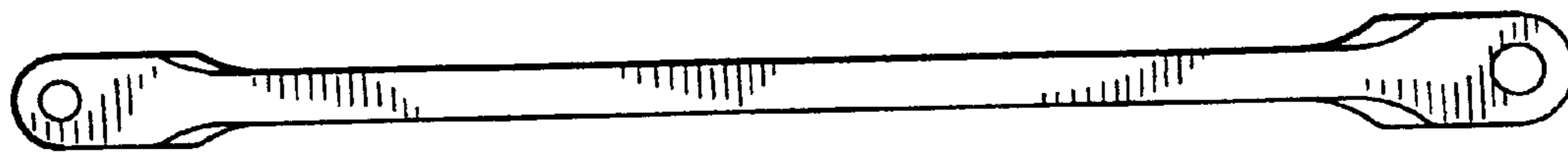


FIG. 3

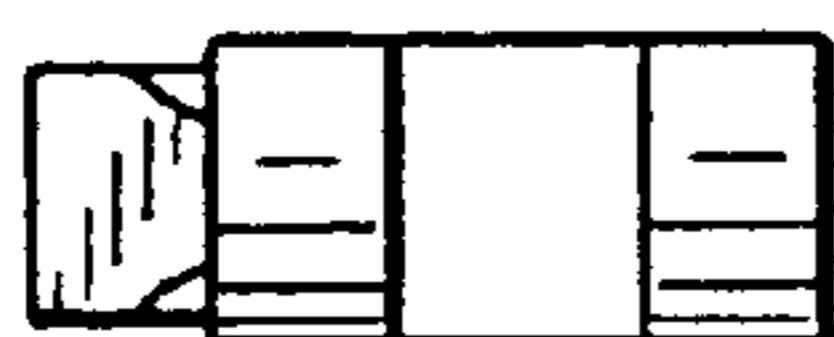


FIG. 4



FIG. 5

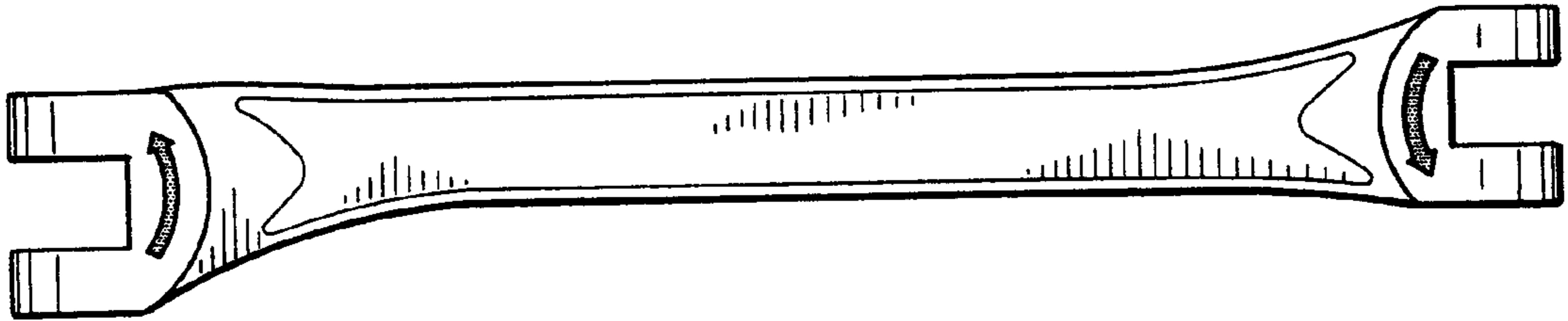


FIG. 6

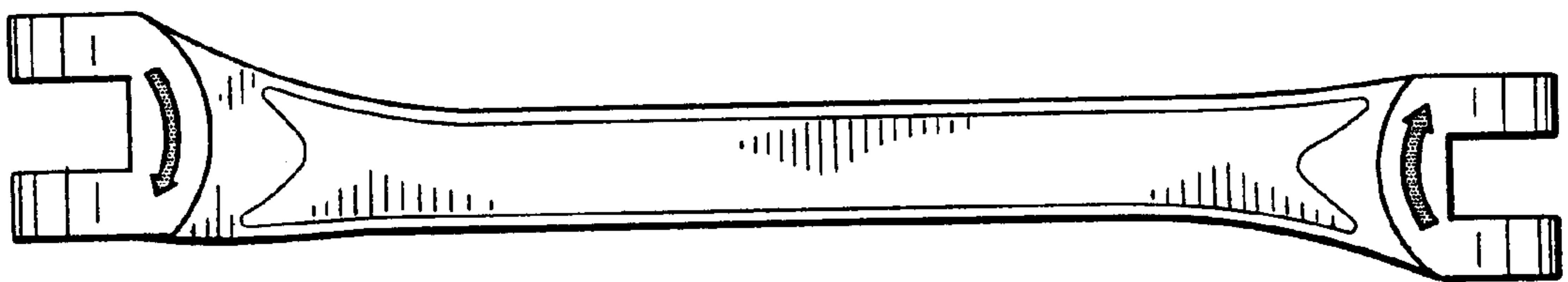


FIG. 7

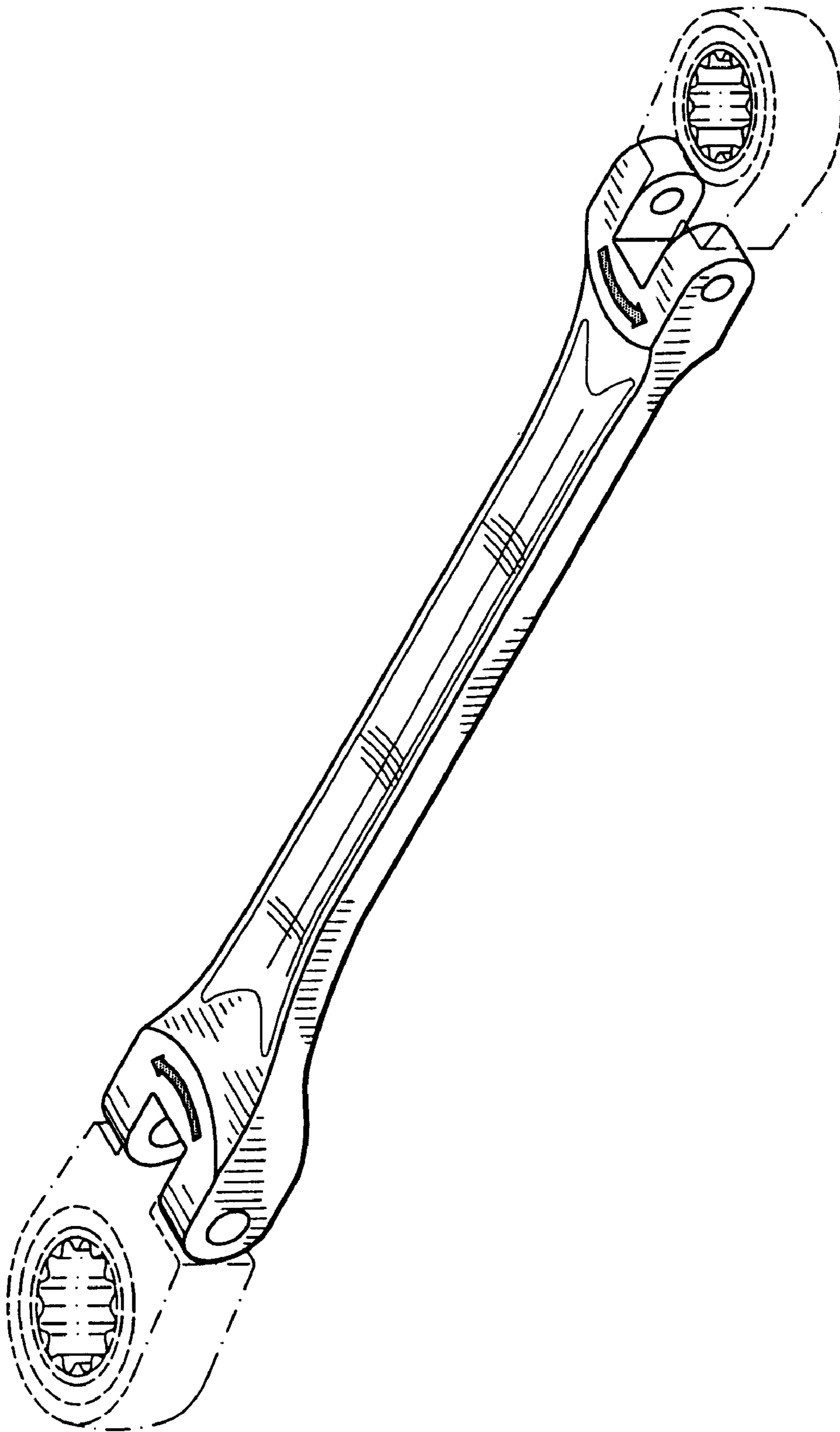


FIG. 8