

US00D545154S

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

(10) **Patent No.:** **US D545,154 S**

(45) **Date of Patent:** **\*\* Jun. 26, 2007**

(54) **LEDGE LOCK OF JOINT WRENCH**

7,082,862 B2 \* 8/2006 Lee ..... 81/177.8  
7,174,815 B1 \* 2/2007 Hsieh ..... 81/177.9

(75) Inventor: **Yu-Cheng Lin**, Taichung (TW)

\* cited by examiner

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

*Primary Examiner*—Raphael Barkai  
*Assistant Examiner*—Randall H. Gholson

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

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

(21) Appl. No.: **29/256,941**

(57) **CLAIM**

(22) Filed: **Mar. 28, 2006**

The ornamental design for a ledge lock of joint wrench, as shown and described.

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

(52) **U.S. Cl.** ..... **D8/28**

(58) **Field of Classification Search** ..... D8/17,  
D8/21–29, 81–87, 102–107, 98–99, 55, 93,  
D8/94; 81/60–63.2, 177.1, 177.85, 177.8,  
81/489, 125.1, 121.1, 119–120, 176.1, 186,  
81/177.9, 185.1, 176.2, 165, 170, 3.35, 58,  
81/3.45, 155; 206/378; 16/429, 441, 124.6;  
7/100, 138, 168, 157

See application file for complete search history.

**DESCRIPTION**

FIG. 1 is a perspective view of a ledge lock of joint 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 side view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

FIG. 8 is a second perspective view of my design, wherein the broken line showing of a lock and key is for illustrative purposes only and forms no part of my claimed design; and,

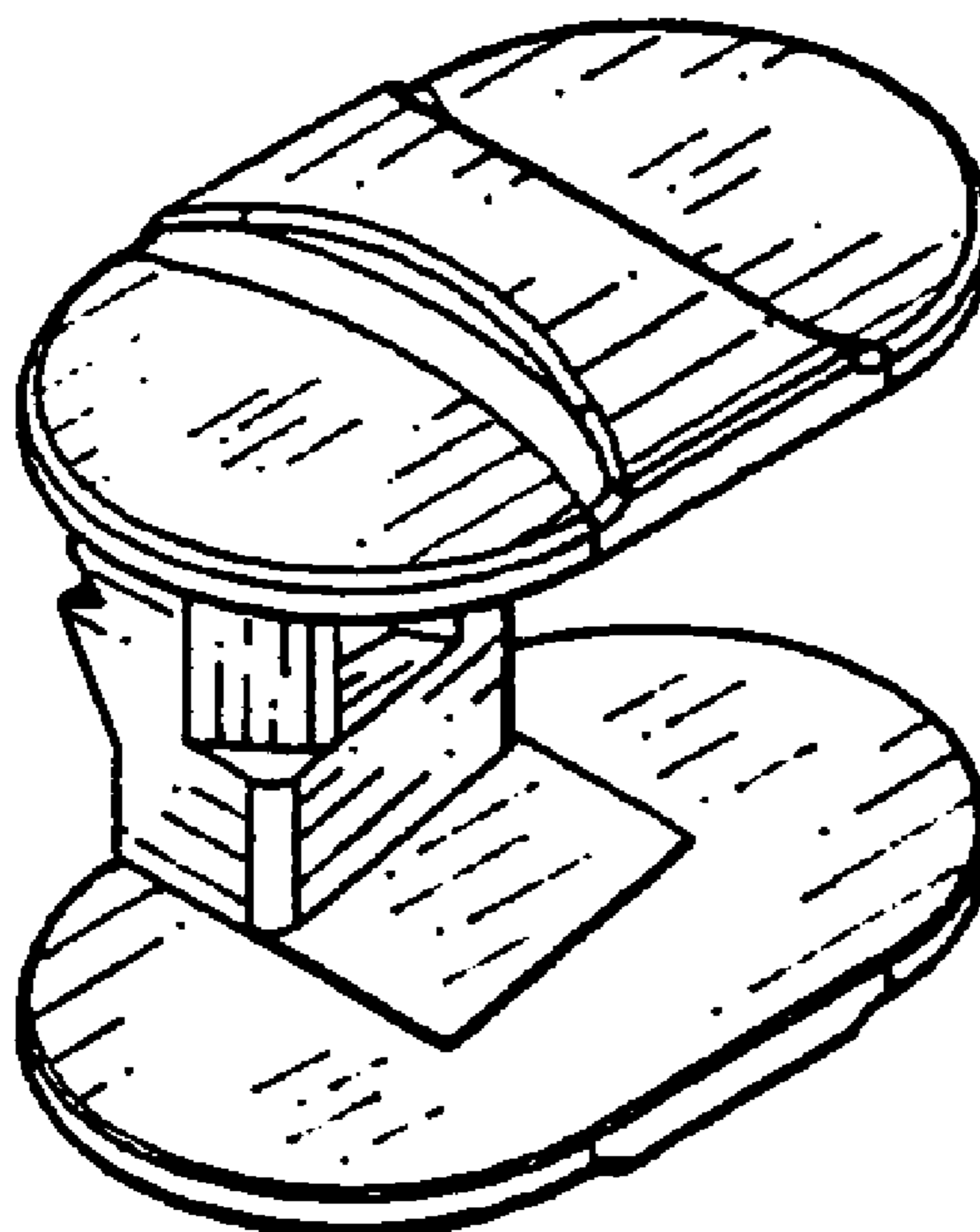
FIG. 9 is a third perspective view of my design, wherein the broken line showing of a wrench is for illustrative purposes only and forms no part of my claimed design.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|           |      |         |        |       |          |
|-----------|------|---------|--------|-------|----------|
| 6,000,302 | A *  | 12/1999 | Chiang | ..... | 81/177.8 |
| 6,295,898 | B1 * | 10/2001 | Hsieh  | ..... | 81/177.8 |
| 6,386,075 | B1 * | 5/2002  | Shiao  | ..... | 81/177.8 |
| 6,745,650 | B1 * | 6/2004  | Chang  | ..... | 81/177.8 |
| 6,886,429 | B1 * | 5/2005  | Lee    | ..... | 81/177.8 |
| 7,000,507 | B1 * | 2/2006  | Lin    | ..... | 81/177.9 |
| 7,051,625 | B1 * | 5/2006  | Lee    | ..... | 81/177.8 |

**1 Claim, 9 Drawing Sheets**



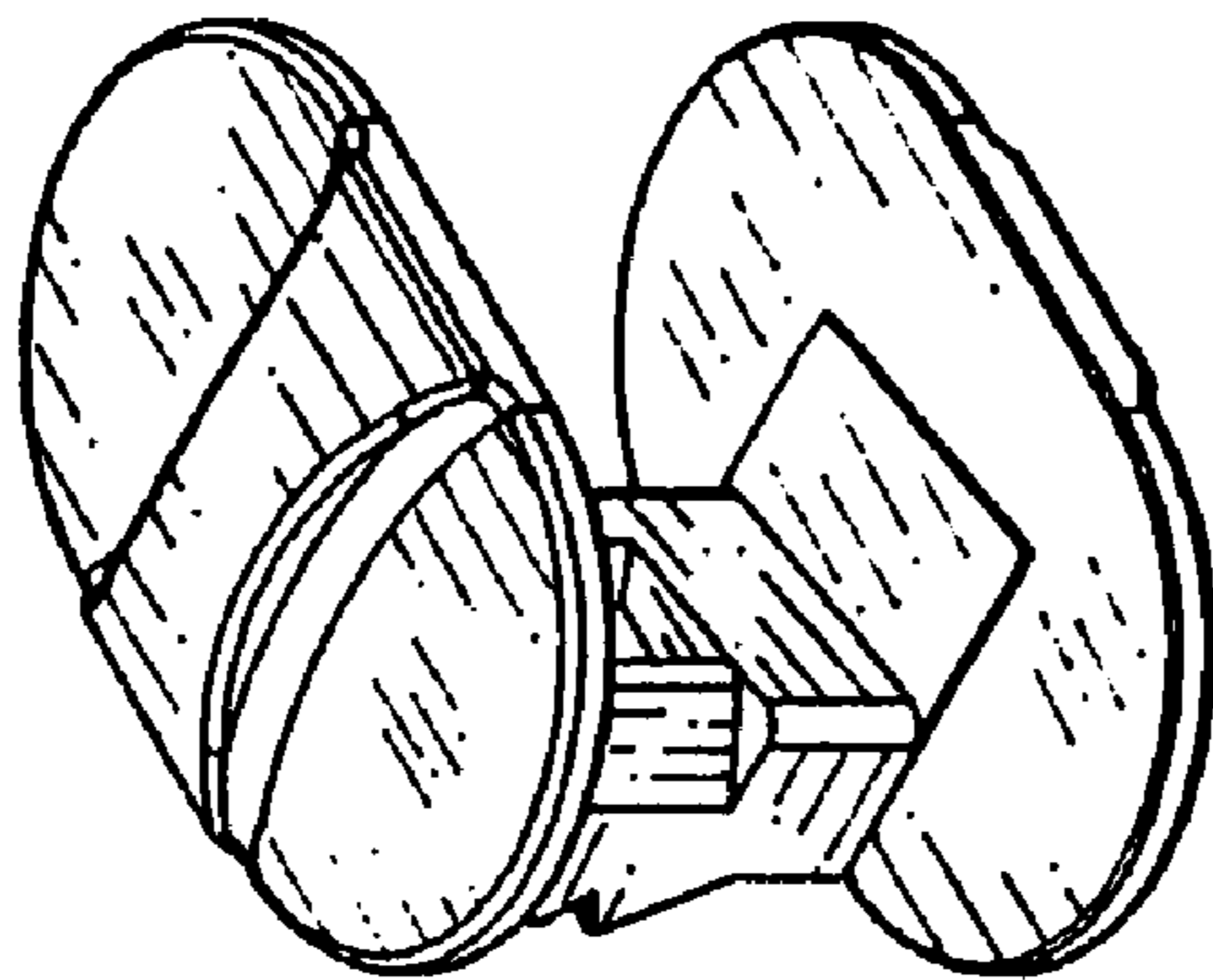


FIG. 1

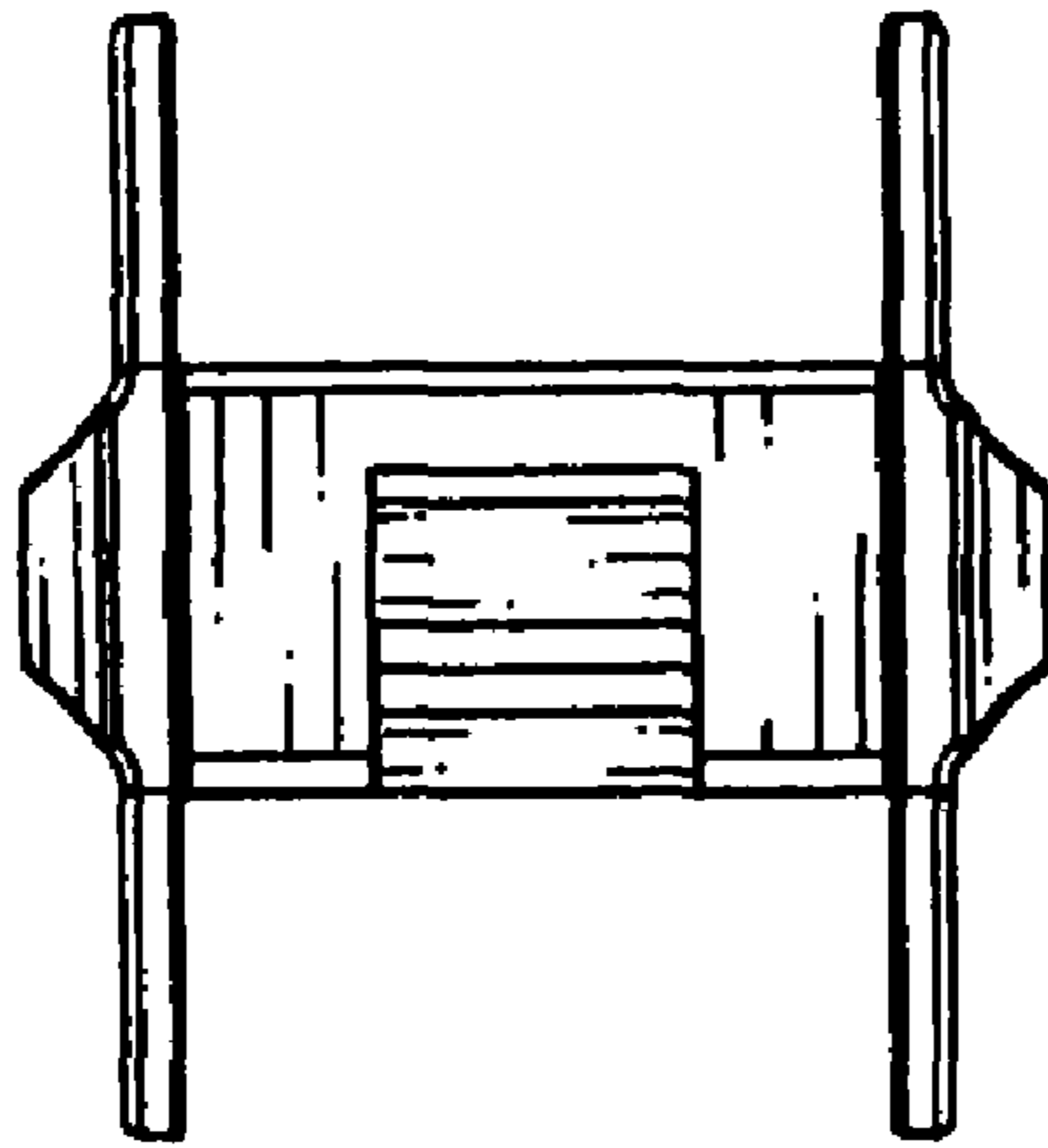


FIG. 2

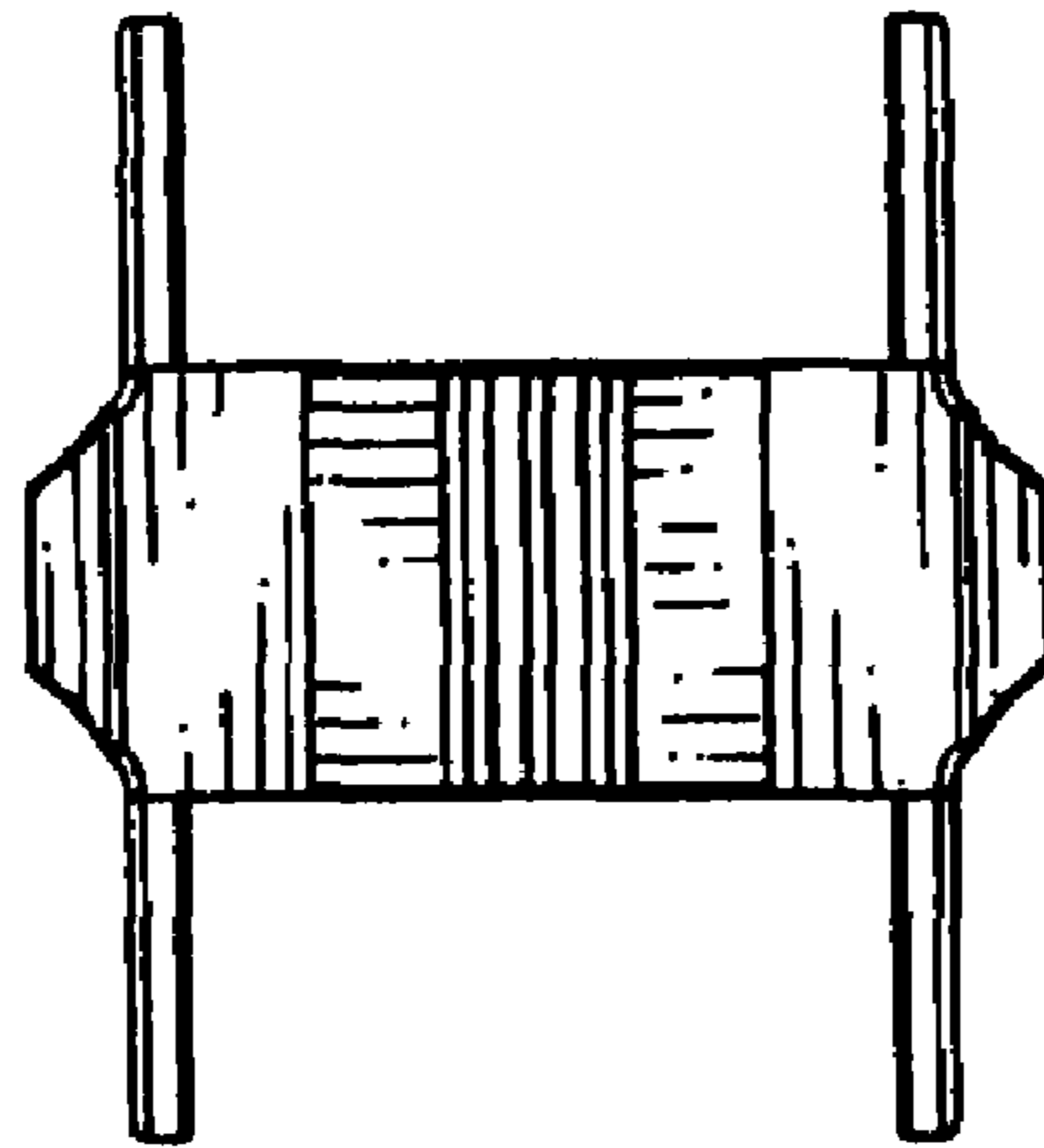


FIG. 3

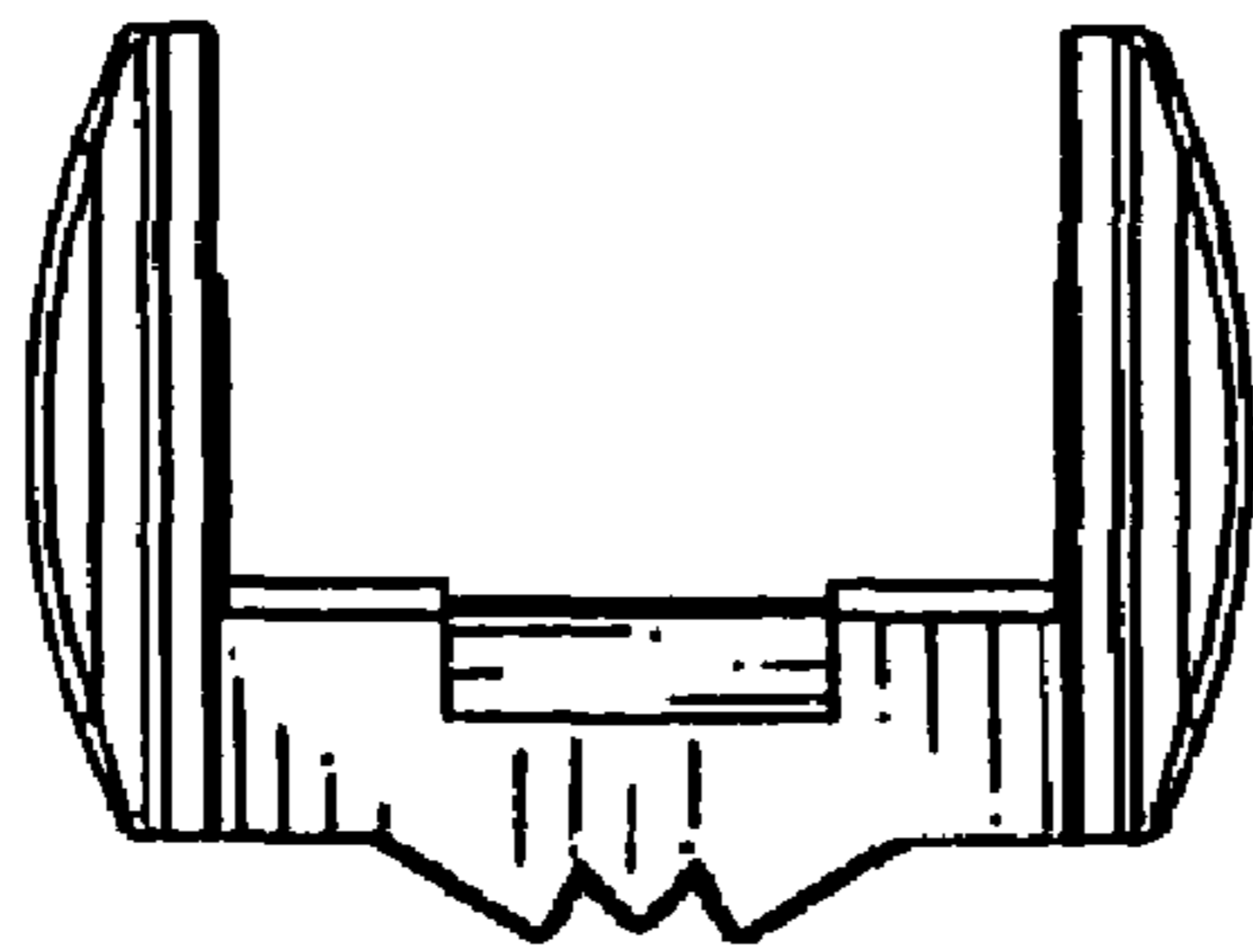


FIG. 4

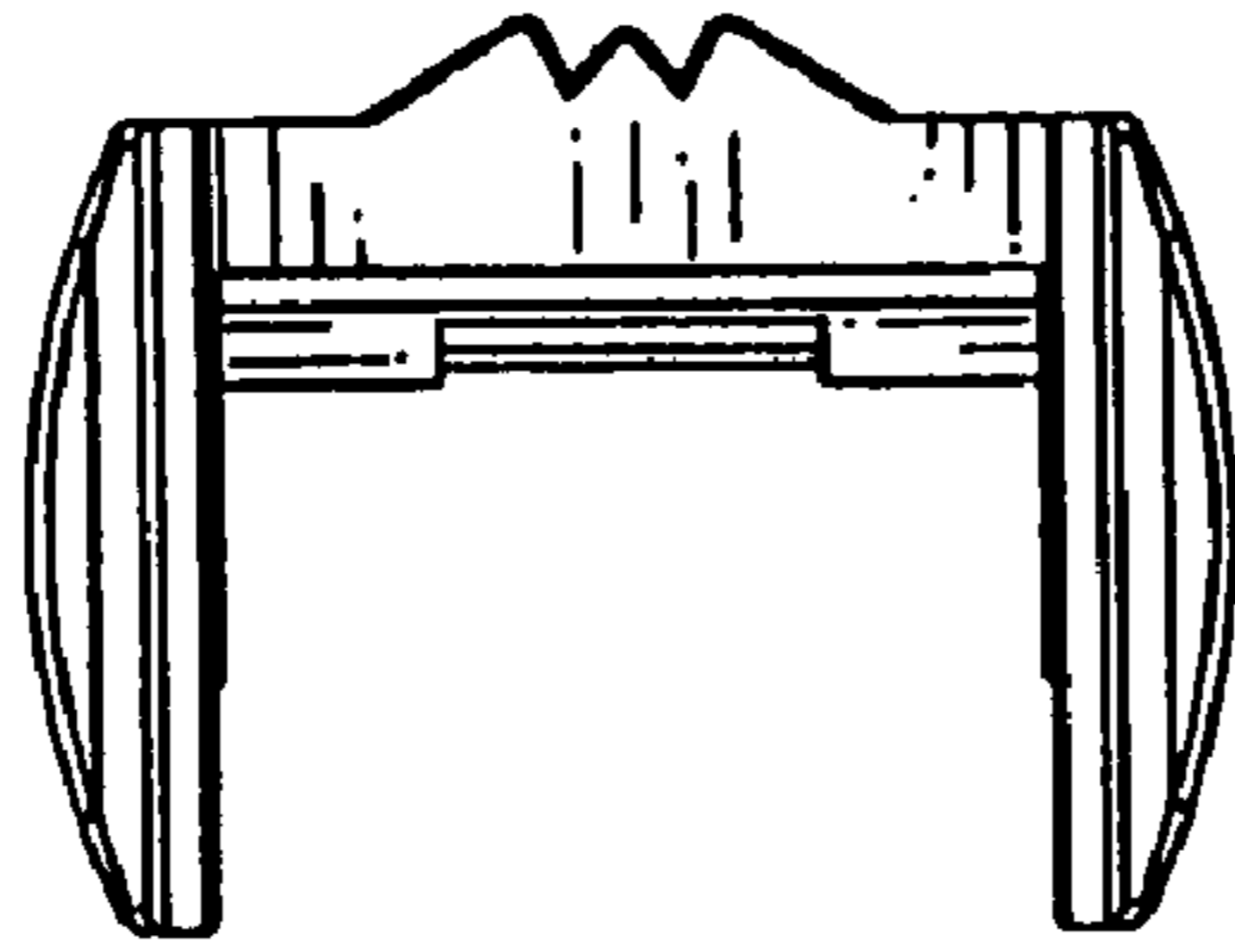


FIG. 5

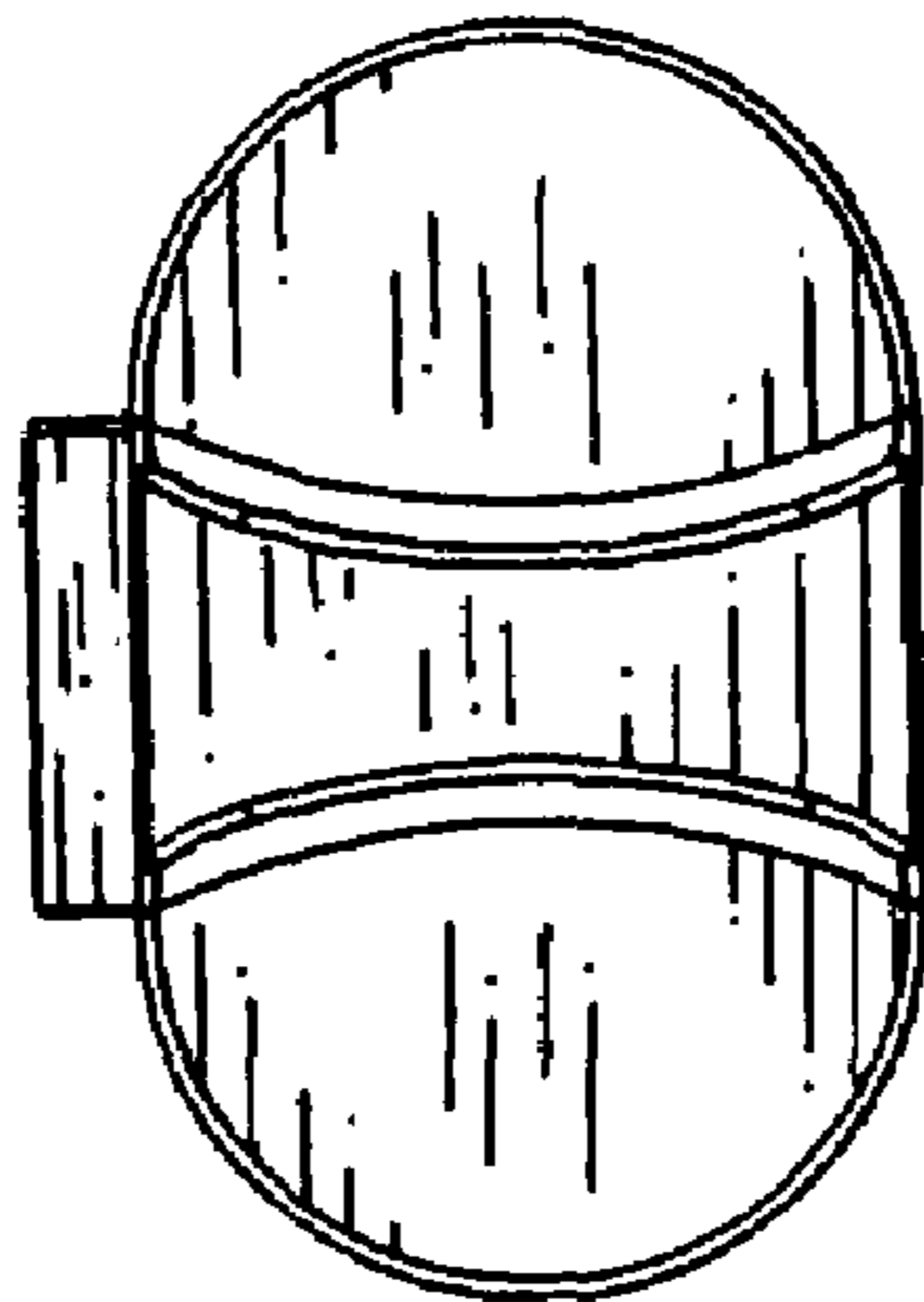


FIG. 6

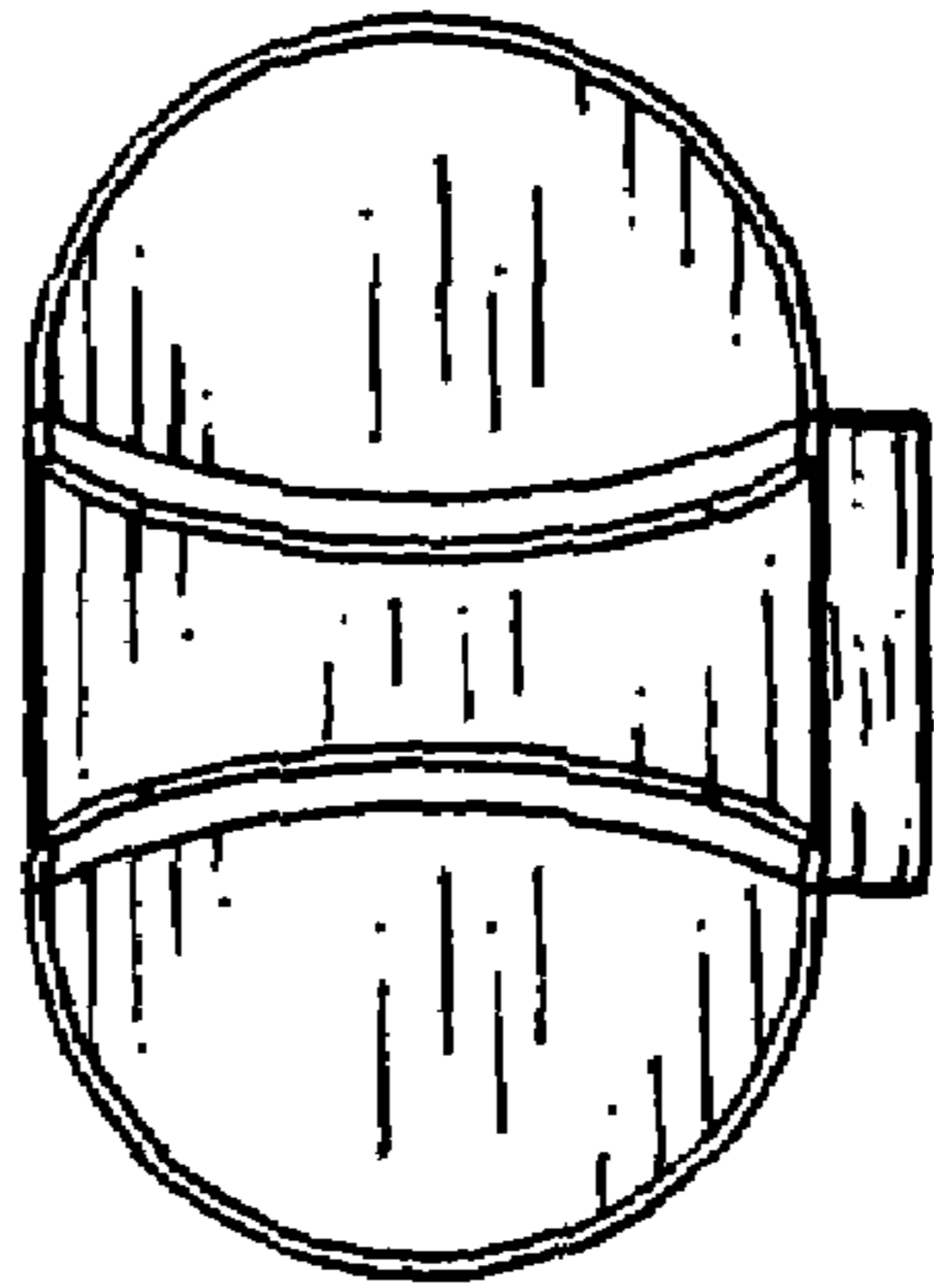


FIG. 7



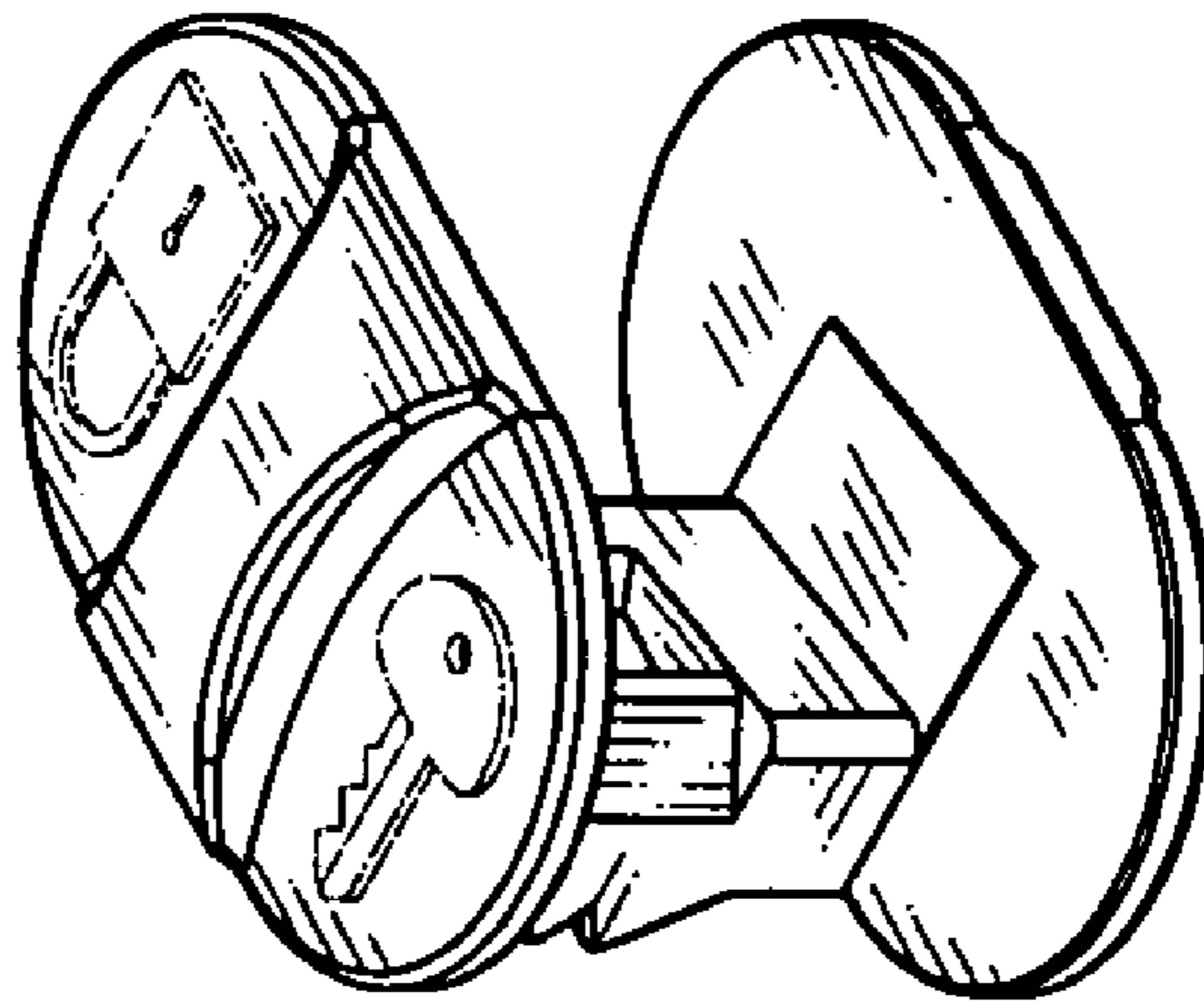


FIG. 8

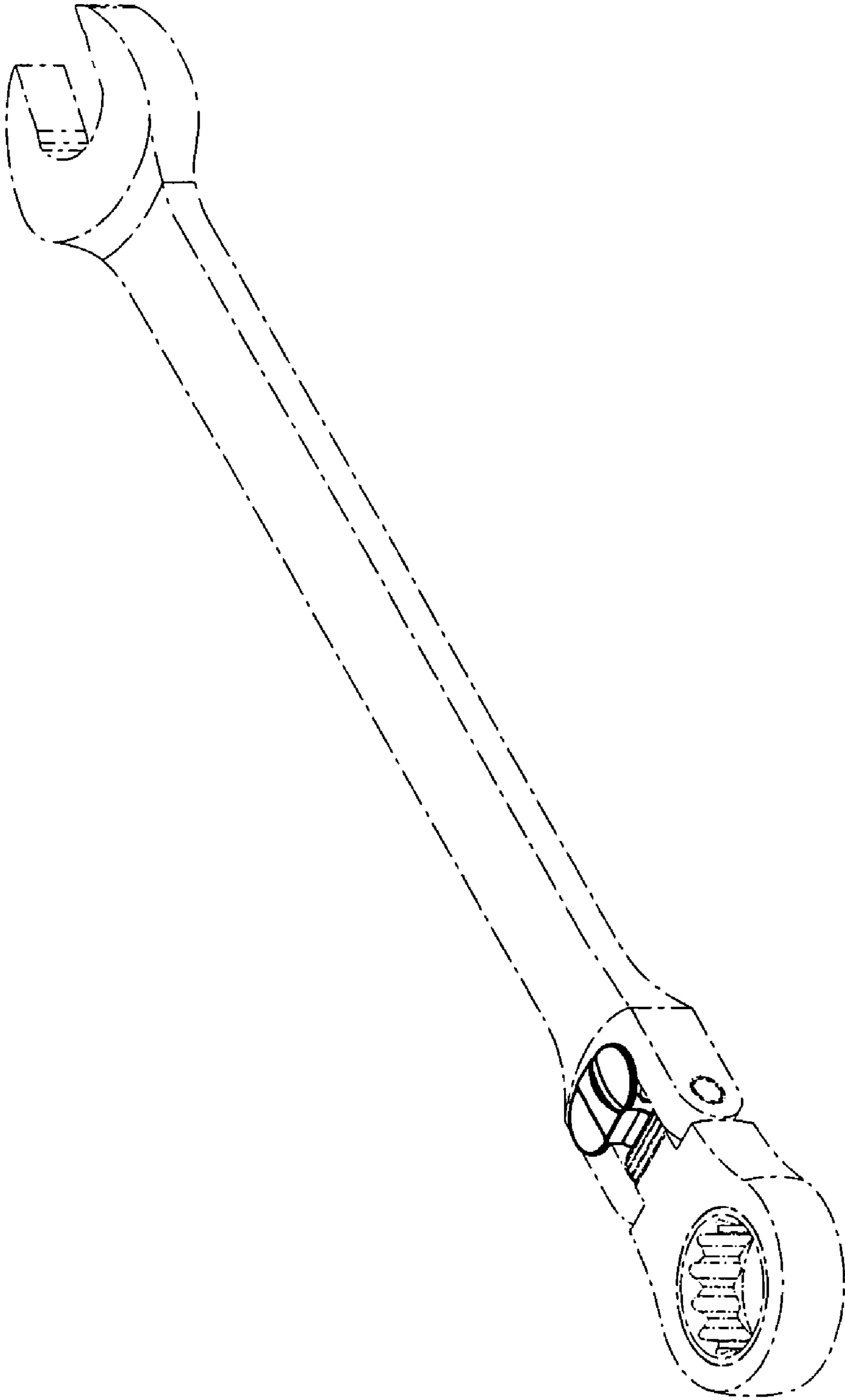


FIG. 9