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

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(54) **WIRE WINDING BOX**

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

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(51) **LOC (7) Cl.** ..... **13-03**

(52) **U.S. Cl.** ..... **D13/155**

(58) **Field of Search** ..... D8/349, 354, 355,  
D8/356, 358, 360.1; D13/153, 154, 155;  
191/12.2 R, 12.4; 242/378.1, 385.1, 388,  
388.1, 397, 405; 379/438; 439/4, 501, 502

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,322,045 A \* 3/1982 Tellier ..... 242/388.1  
D352,928 S \* 11/1994 Ford ..... D13/153  
D363,461 S \* 10/1995 Duckman et al. .... D13/154  
5,732,898 A \* 3/1998 Odessky et al. .... 191/12.2 R  
5,819,893 A \* 10/1998 Wagner et al. .... 191/12.4

D430,111 S \* 8/2000 Liao ..... D13/154

6,282,288 B1 \* 8/2001 Liao ..... 379/438

D451,075 S \* 11/2001 Hwang ..... D13/154

6,328,243 B1 \* 12/2001 Yamamoto ..... 191/12.2 R

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a “wire winding box”, as shown and described.

**DESCRIPTION**

FIG. 1 is the perspective view of a “wire winding box” showing my new design;

FIG. 2 is the front view thereof;

FIG. 3 is the rear view thereof;

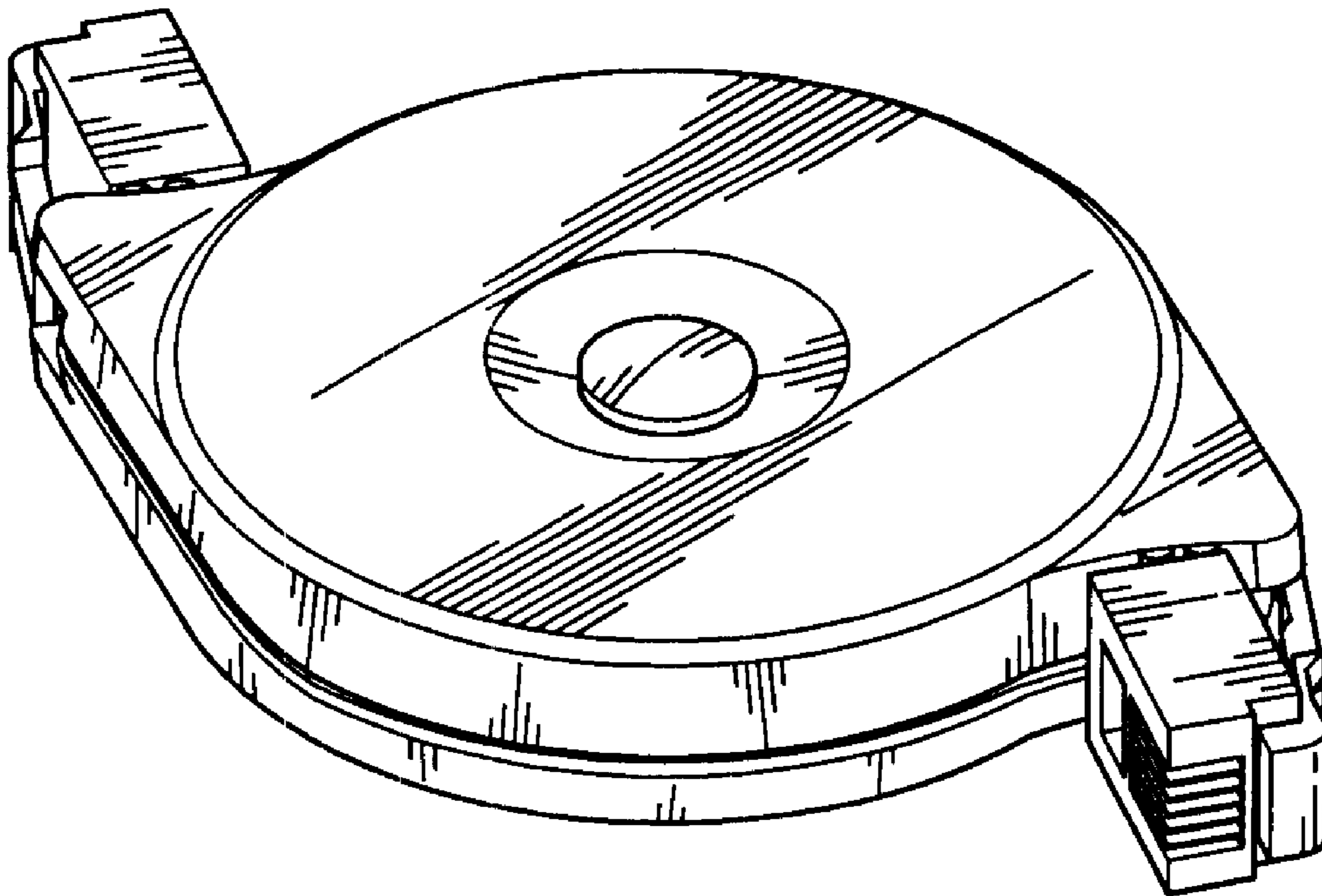
FIG. 4 is the left side view thereof

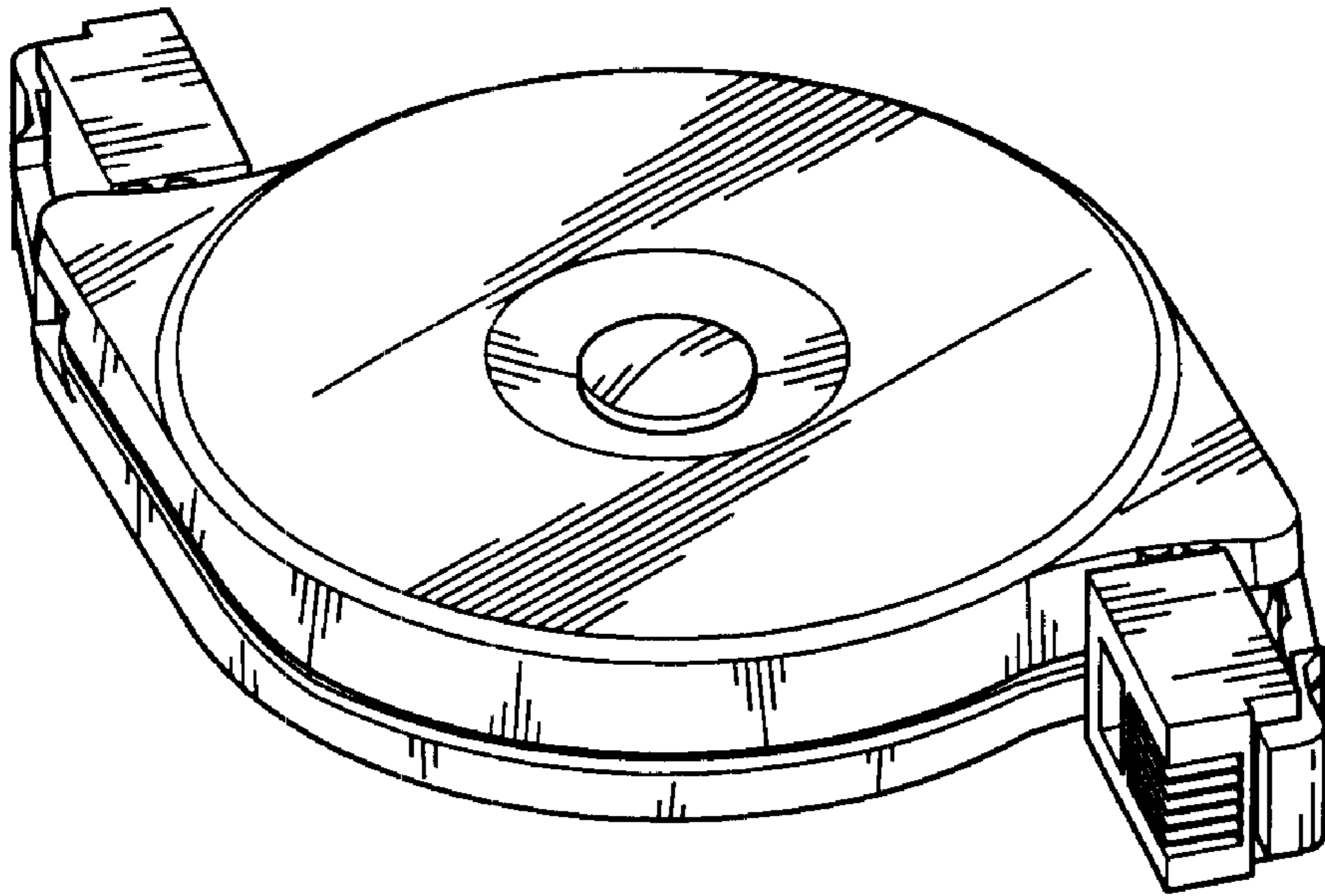
FIG. 5 is the right side view thereof

FIG. 6 is the top view thereof; and,

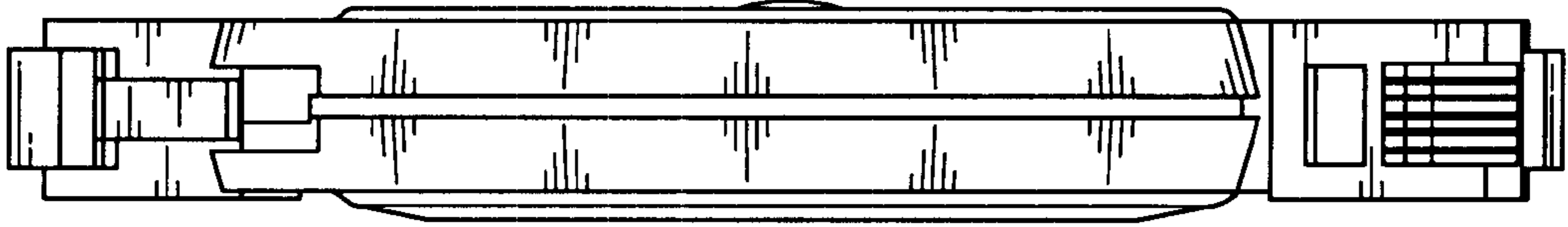
FIG. 7 is the bottom view thereof.

**1 Claim, 4 Drawing Sheets**

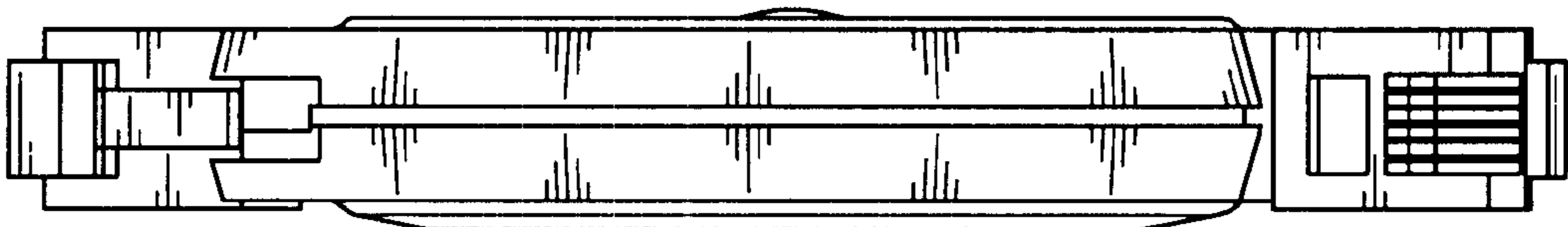




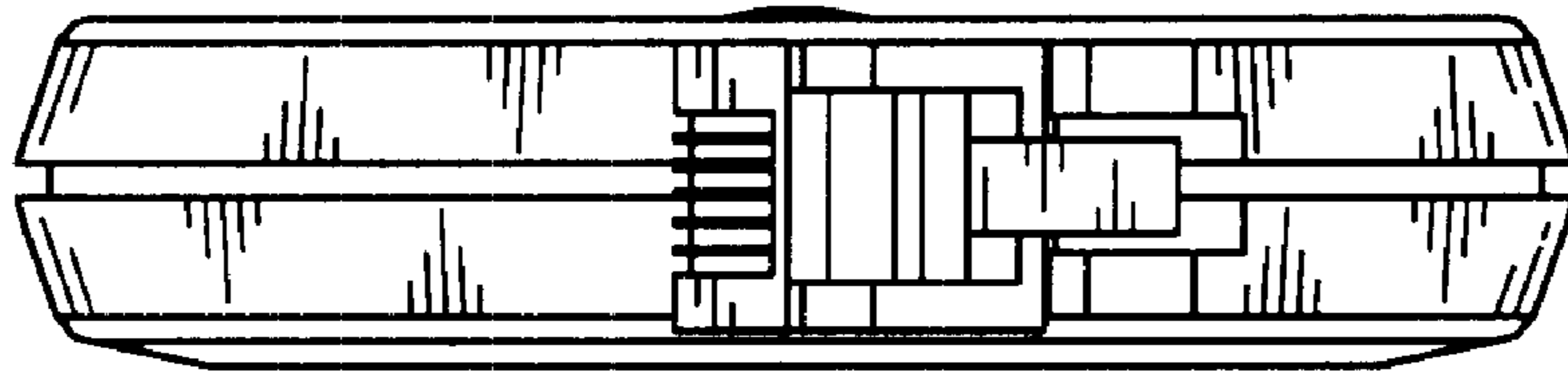
***FIG. 1***



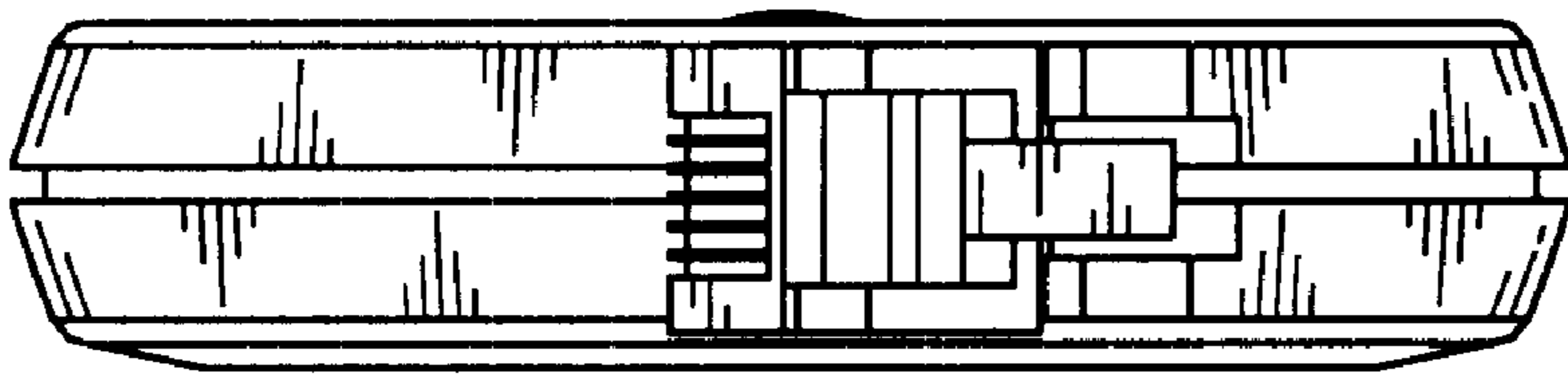
**FIG. 2**



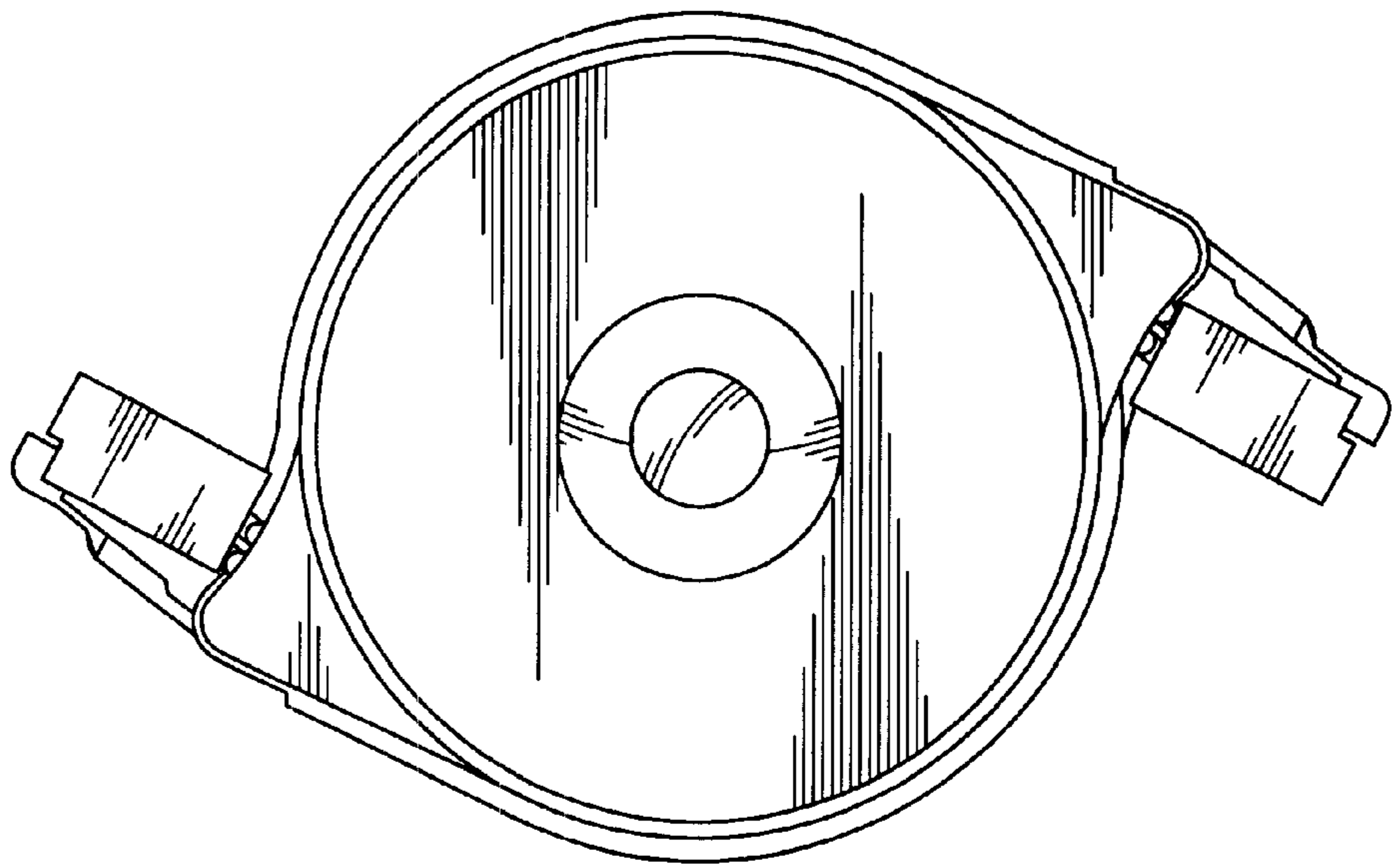
**FIG. 3**



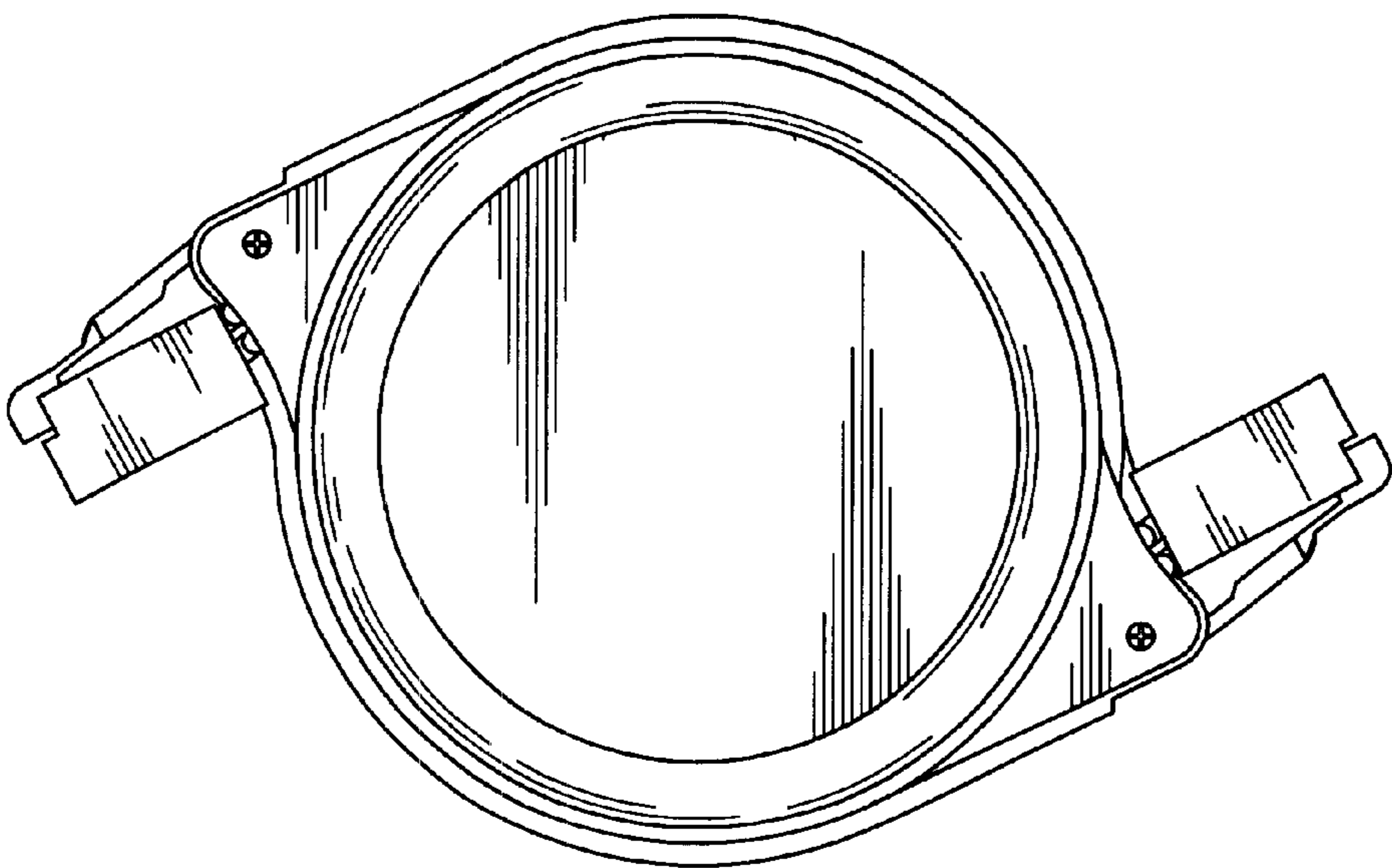
***FIG. 4***



***FIG. 5***



**FIG. 6**



**FIG. 7**