



US00D504511S

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

(10) **Patent No.: US D504,511 S**  
(45) **Date of Patent: \*\* Apr. 26, 2005**

(54) **NEEDLE RE-CAPPER**

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(73) Assignee: **Hager Worldwide, Inc.**, Odessa, FL (US)

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

(21) Appl. No.: **29/206,551**

(22) Filed: **Jun. 1, 2004**

(51) **LOC (7) Cl.** ..... **24-04**

(52) **U.S. Cl.** ..... **D24/130**

(58) **Field of Search** ..... D24/130; 206/370, 206/363, 364-366, 571; 604/110, 173, 187, 191, 192, 195, 214, 218, 220-224, 228, 232, 263

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 4,981,476 A \* 1/1991 Aichlmayr et al. .... 604/192
- D343,899 S \* 2/1994 Lott et al. .... D24/130
- D346,444 S \* 4/1994 Wade ..... D24/130
- 5,356,385 A \* 10/1994 Latini ..... 604/110
- 5,401,252 A \* 3/1995 Deal ..... 604/192
- 5,498,242 A \* 3/1996 Cooke ..... 604/192

**OTHER PUBLICATIONS**

- Needlestick Protection, [www.sullivanschein.com](http://www.sullivanschein.com), undated, p. 54.
- Needlestick Protection, Pearson Houston TX, p. 24, undated.
- 510 (k) Premarket Notification Database, U.S. FDA, @ May 2004, Tonker. Needle Stick Protector <http://www.access-data.fda.gov/scripts/cdrh/cfdocs/cfPMN/pmn.cfm?ID=73024>.

510 (k) Premarket Notification Database, U.S. FDA, Dental Needle Protective System @ May 2004, <http://www.access-data.fda.gov/scripts/cdrh/cfdocs/cfPMN/pmm.cfm?ID=68263>.

510 (k) Premarket Notification Database, U.S. FDA, Safe-T-Cap "Needle Cover", <http://www.access-data.fda.gov/scripts/cdrh/cfdocs/cfPMN/pmn.cfm?ID=62480>, @ May 2004.

\* cited by examiner

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(57) **CLAIM**

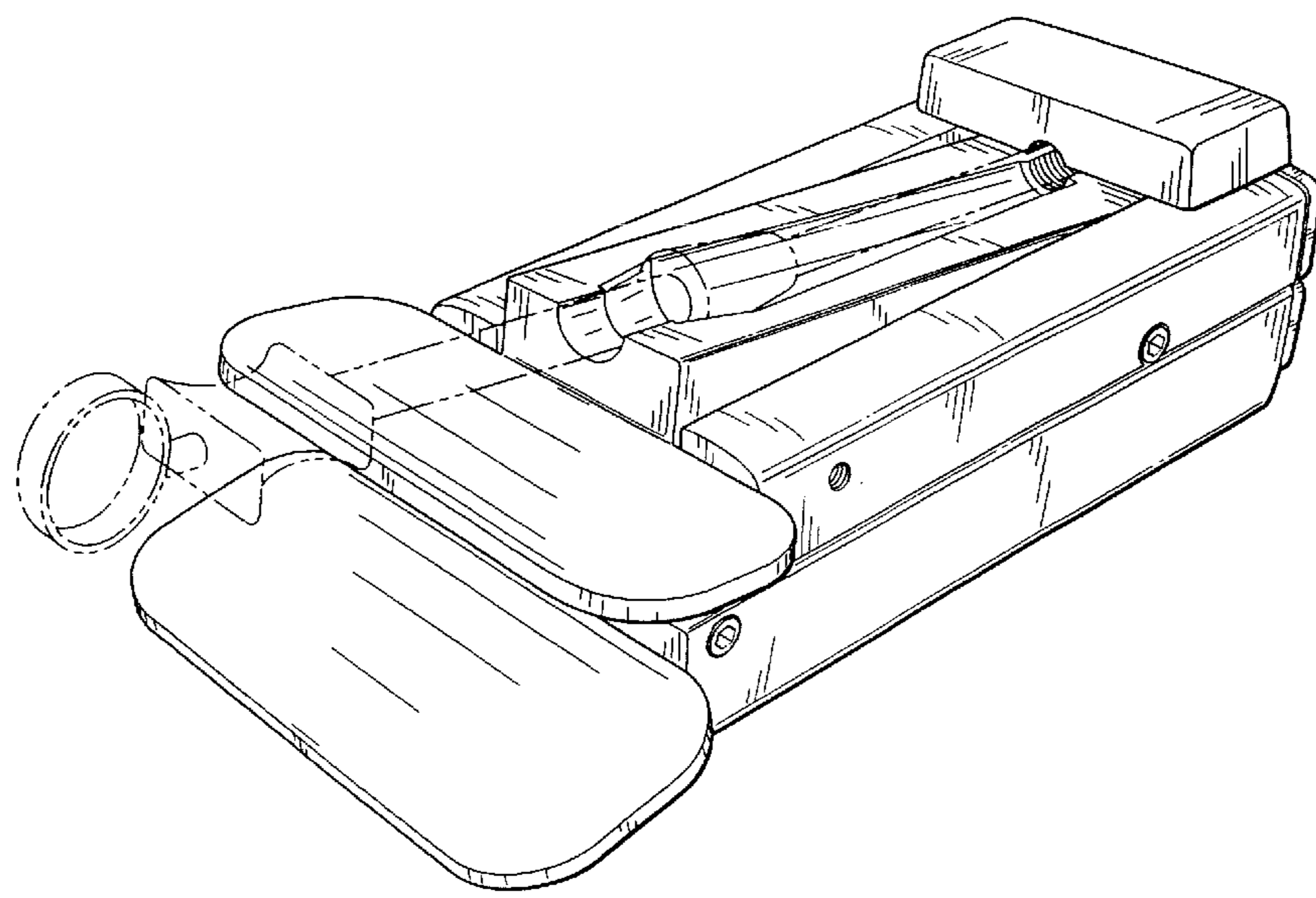
The ornamental design for a needle re-capper, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a needle re-capper showing my new design shown in open condition;  
 FIG. 2 is a front elevational view thereof;  
 FIG. 3 is a right side elevational view thereof;  
 FIG. 4 is a rear elevational view thereof;  
 FIG. 5 is a top plan view thereof;  
 FIG. 6 is a bottom plan view thereof;  
 FIG. 7 is a left side elevational view thereof; and,  
 FIG. 8 is a perspective view thereof, shown in closed condition.

The hypodermic needle is shown in broken lines for illustrative purposes only and forms no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



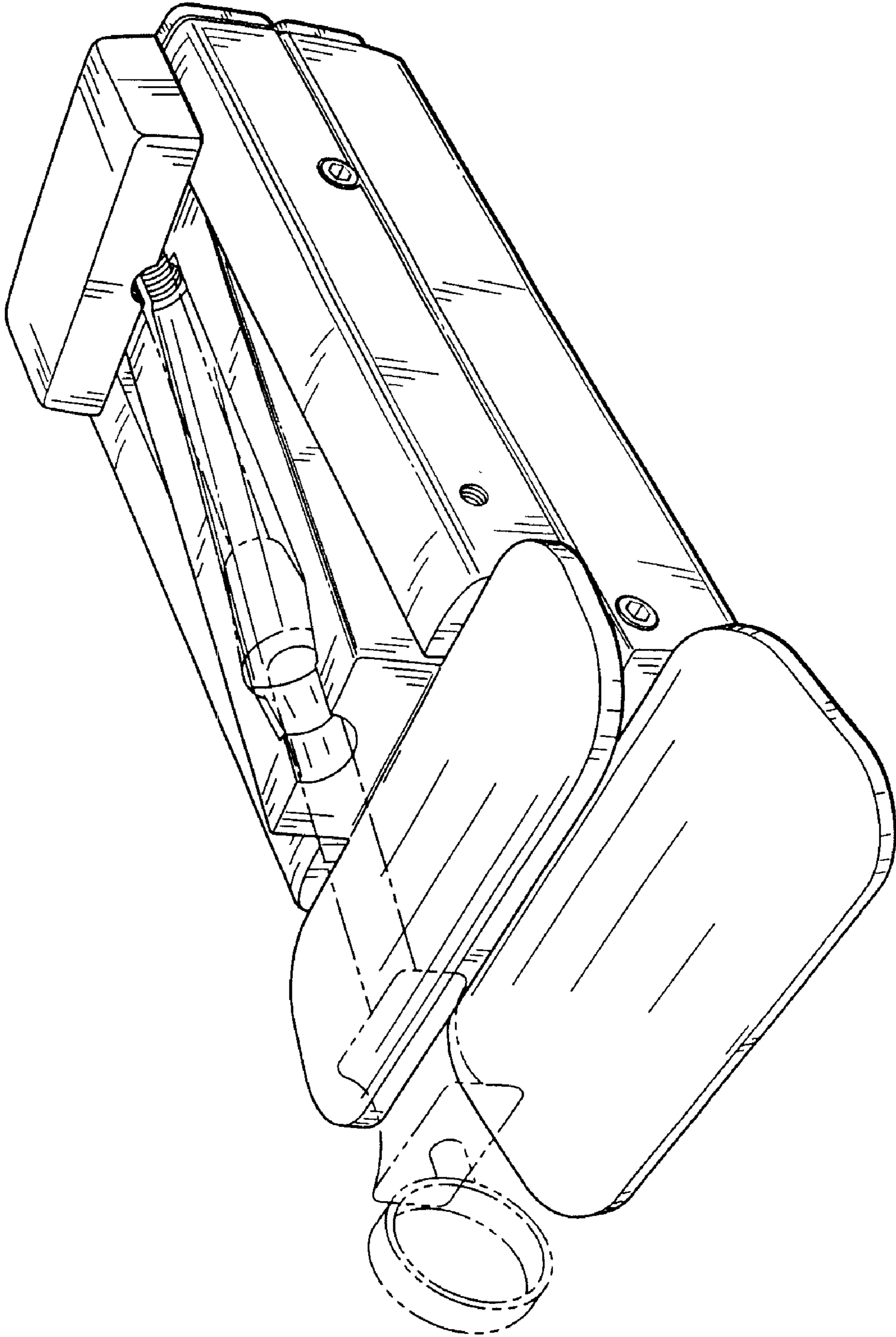


FIG. 1

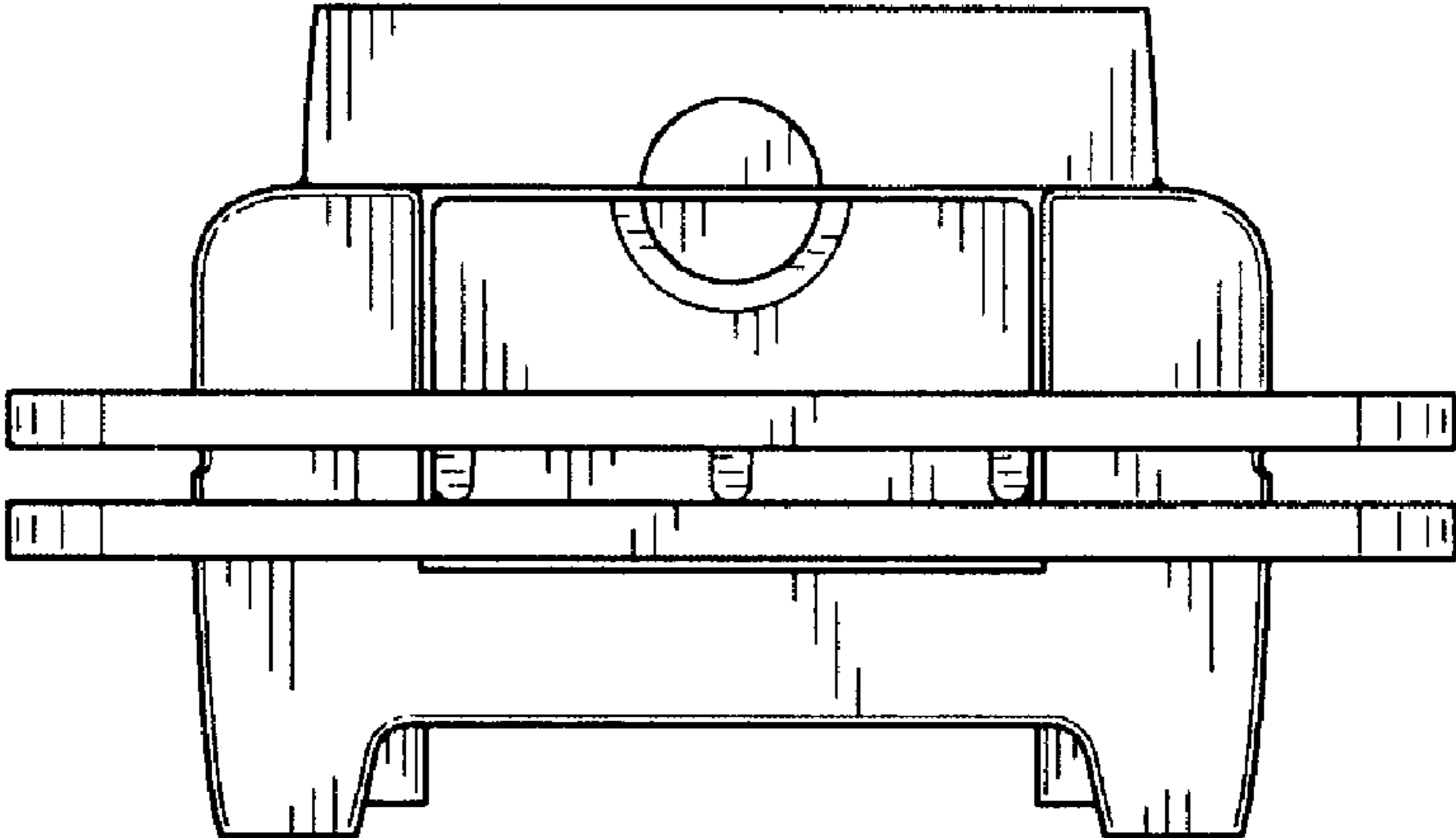


FIG. 2

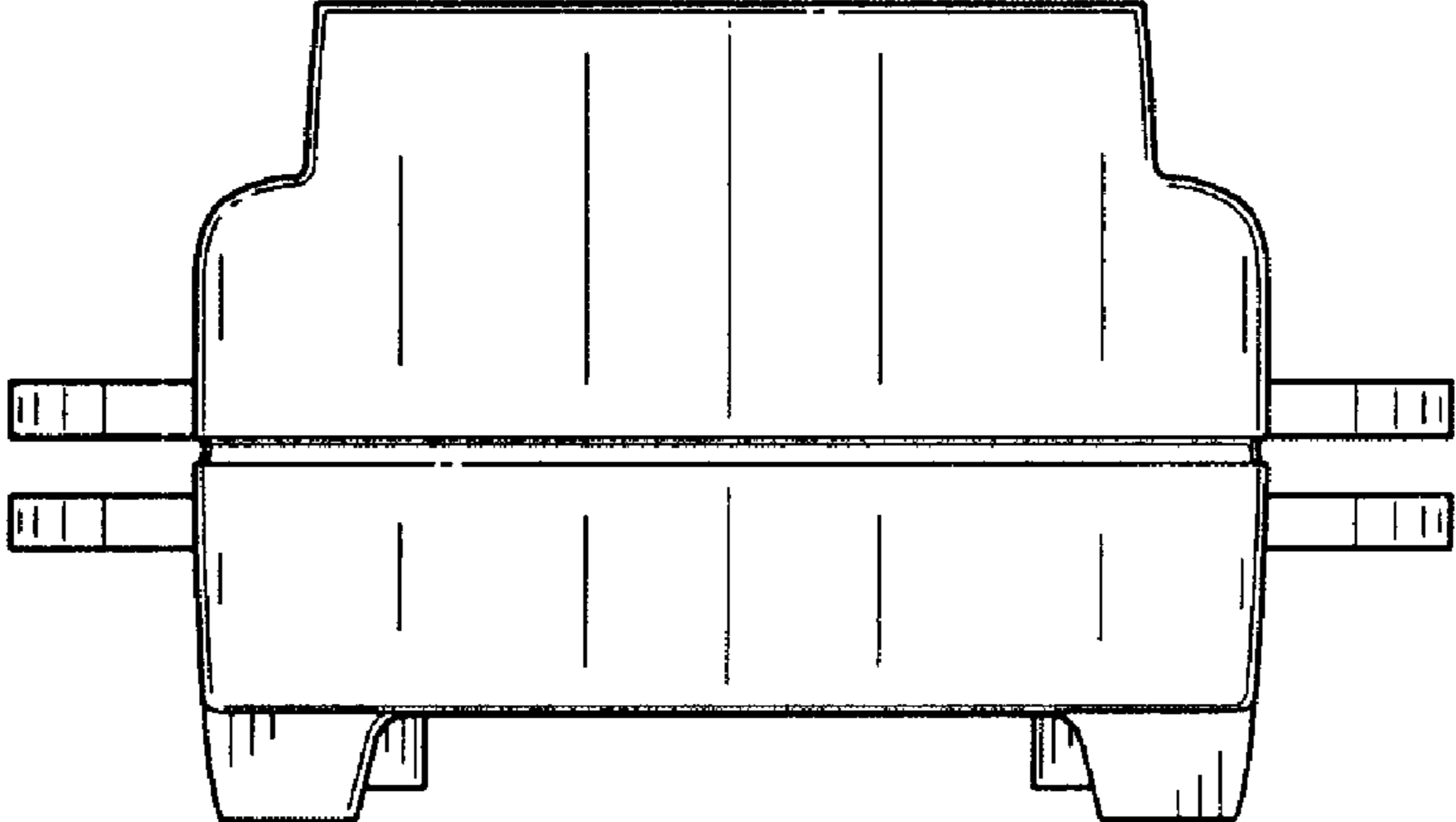


FIG. 4

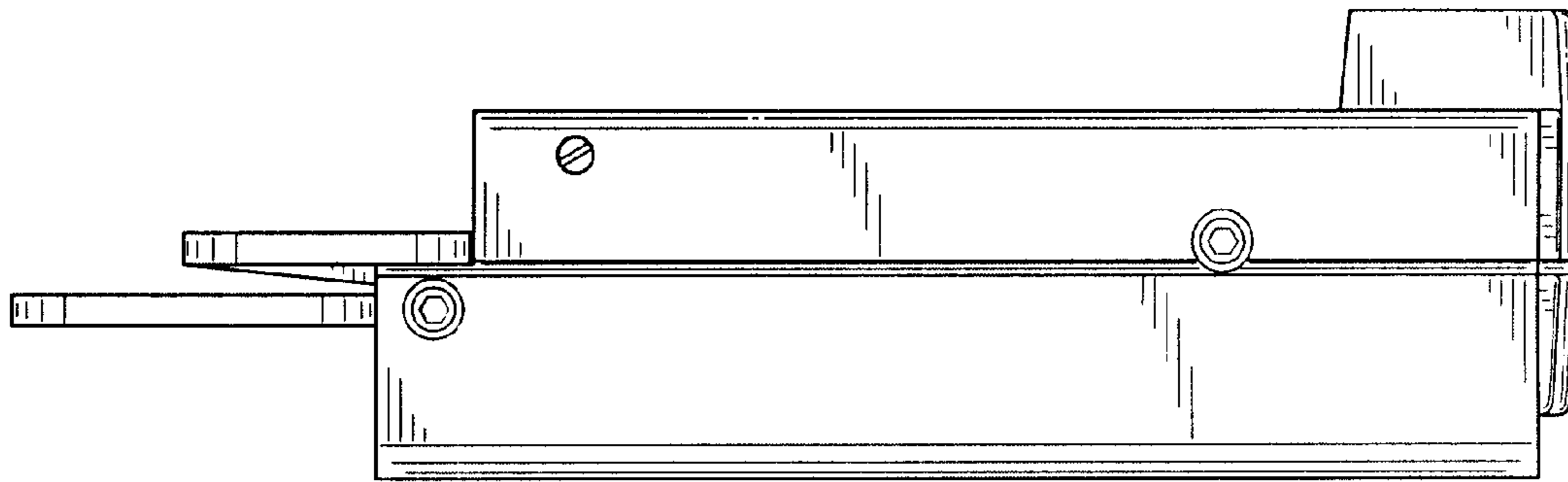


FIG. 3

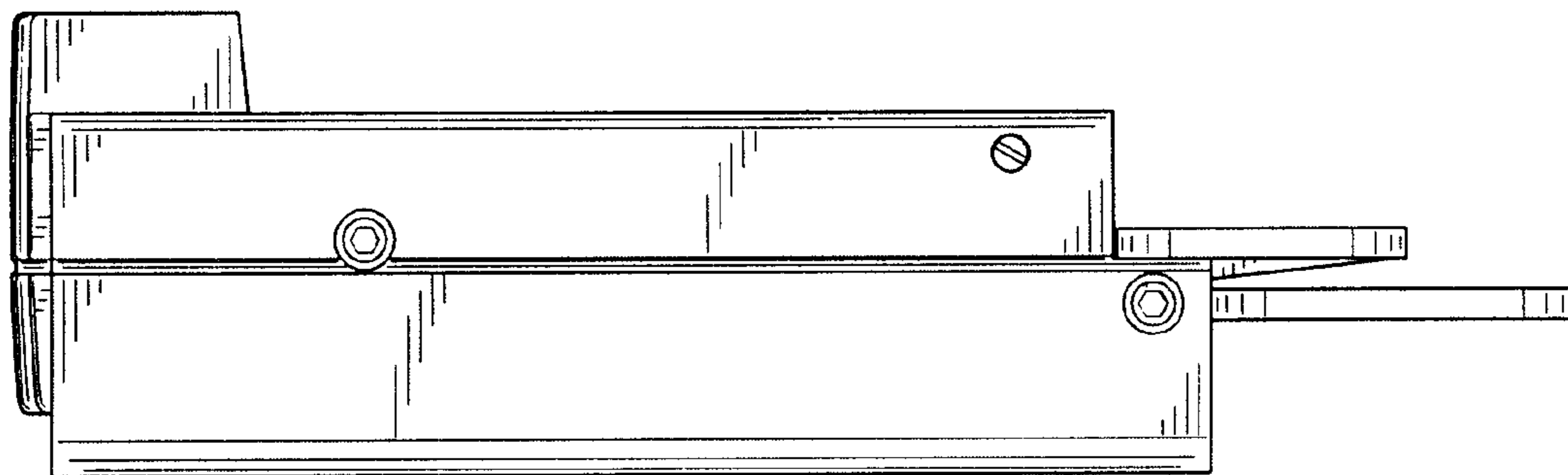


FIG. 7

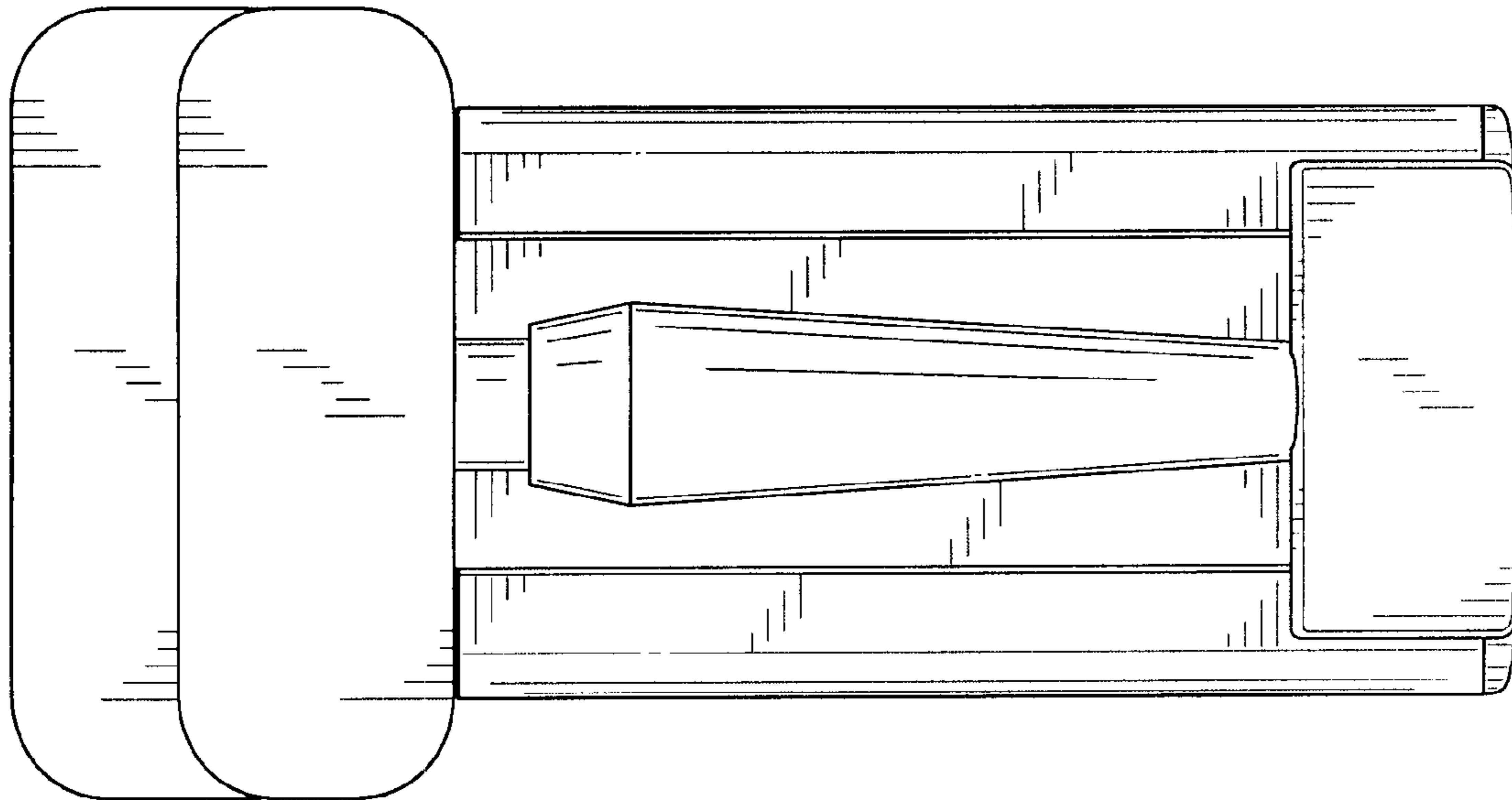


FIG. 5

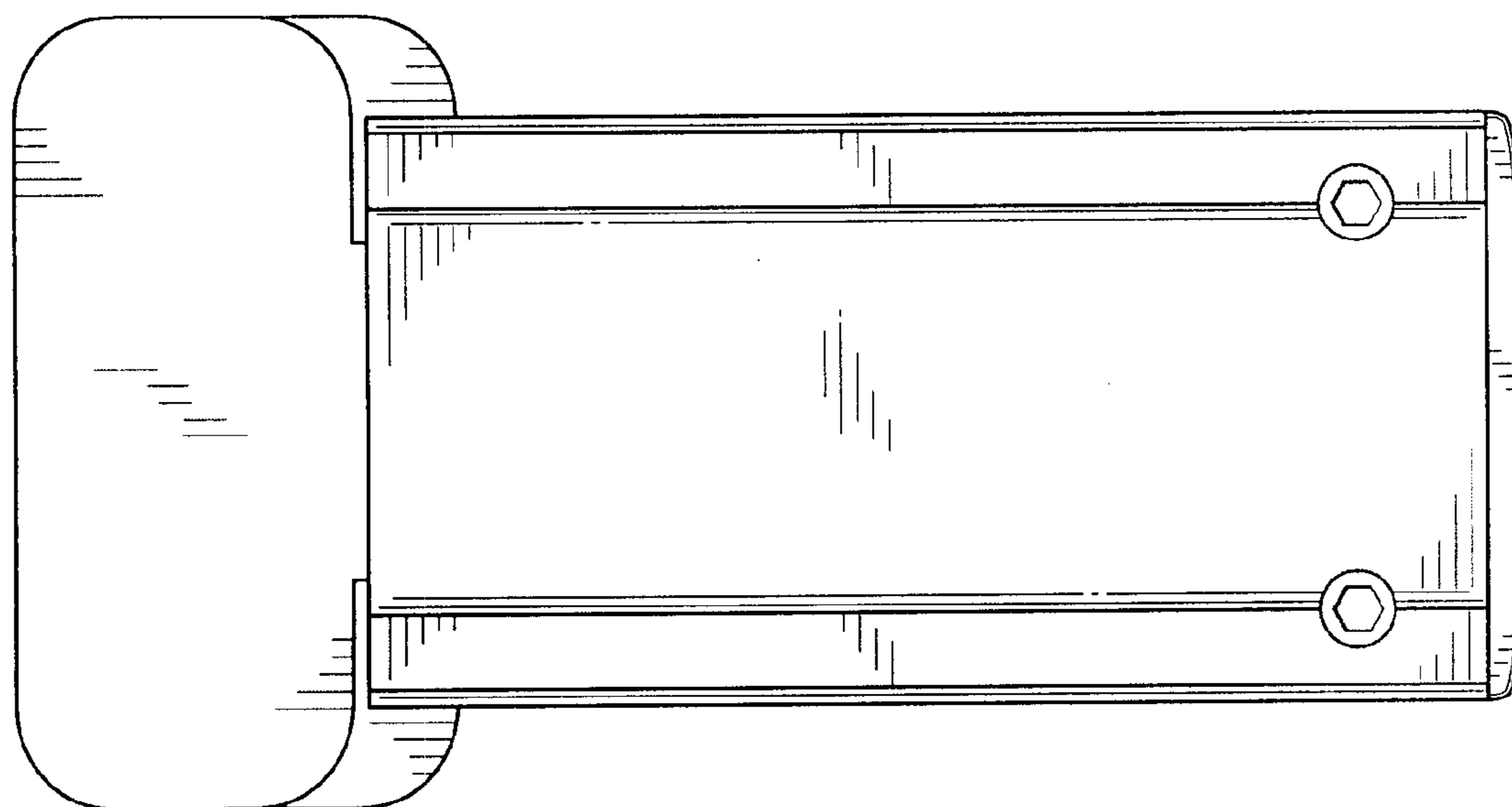


FIG. 6

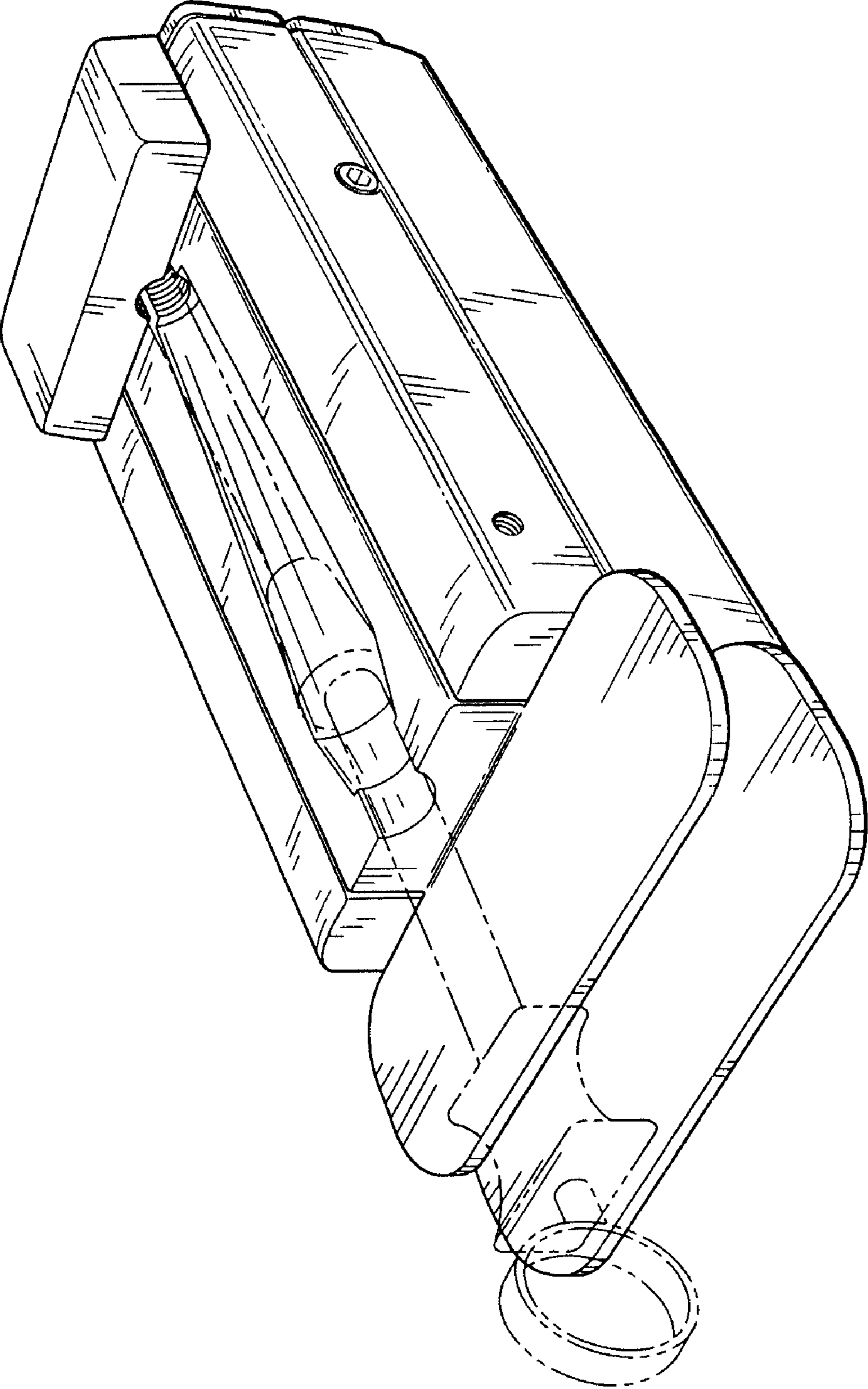


FIG. 8