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

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(54) **COIL AXLE FOR A RELAY**

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Taichung (TW)

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

(21) Appl. No.: **29/284,692**

(22) Filed: **Sep. 13, 2007**

(51) **LOC (9) Cl.** ..... **13-01**

(52) **U.S. Cl.** ..... **D13/117**

(58) **Field of Classification Search** ..... D13/117,  
D13/113, 122, 184, 199; D15/5, 141, 143,  
D15/199; 74/6, 421 A; 123/634, 635; 310/89,  
310/164, 194

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D215,324 S *	9/1969	Fleming	.....	D15/141
D250,184 S *	11/1978	Fujita et al.	.....	D13/159
D451,469 S *	12/2001	Tripp	.....	D13/117
D513,492 S *	1/2006	Redfield	.....	D13/122

\* cited by examiner

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(57) **CLAIM**

The ornamental design for coil axle for a relay, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of coil axle for a relay 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 elevational view thereof;

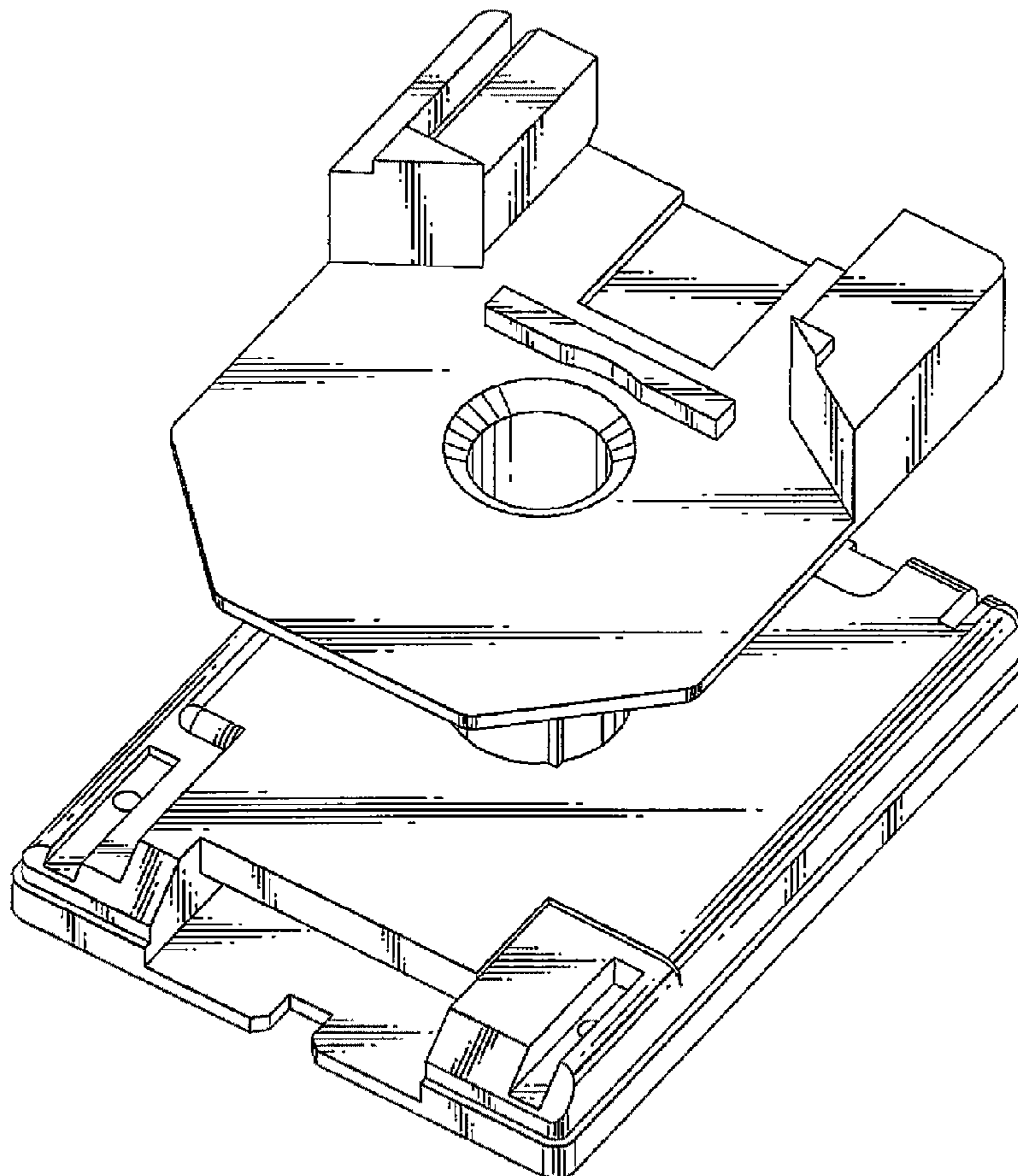
FIG. 5 is a right side elevational view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The broken lines showing circular elements in FIG. 7 is for environmental purpose only and forms no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



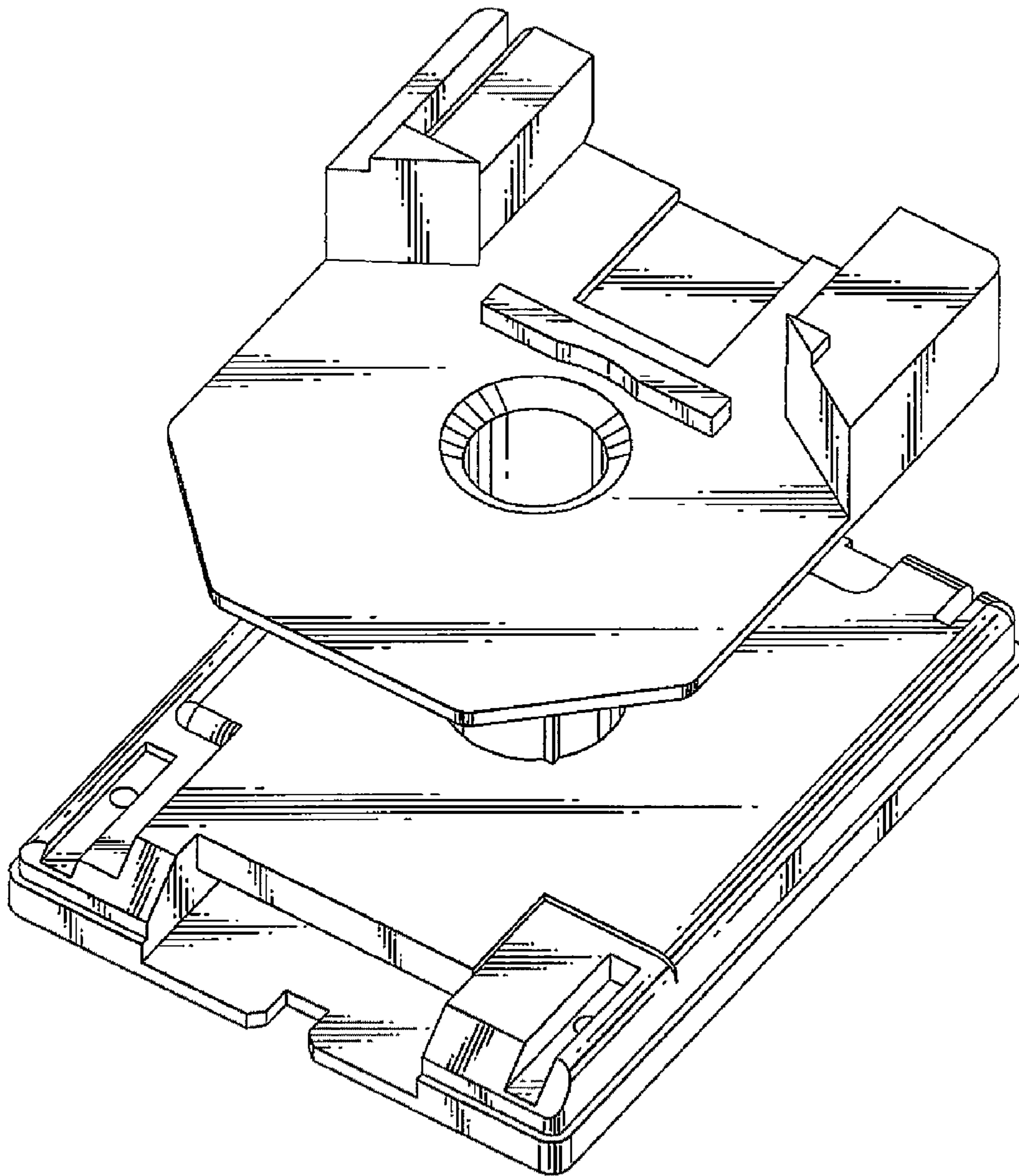


FIG. 1

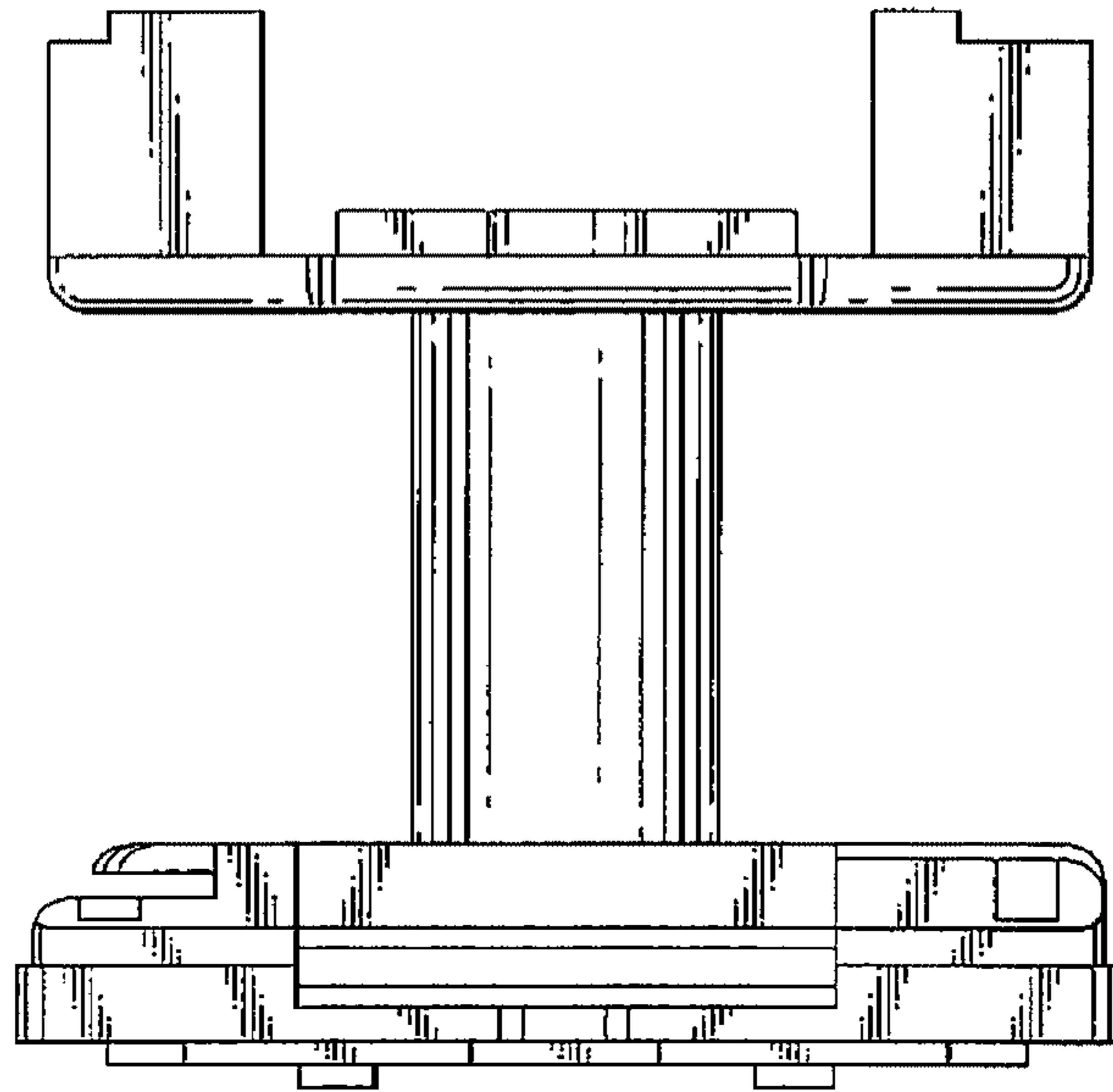


FIG. 2

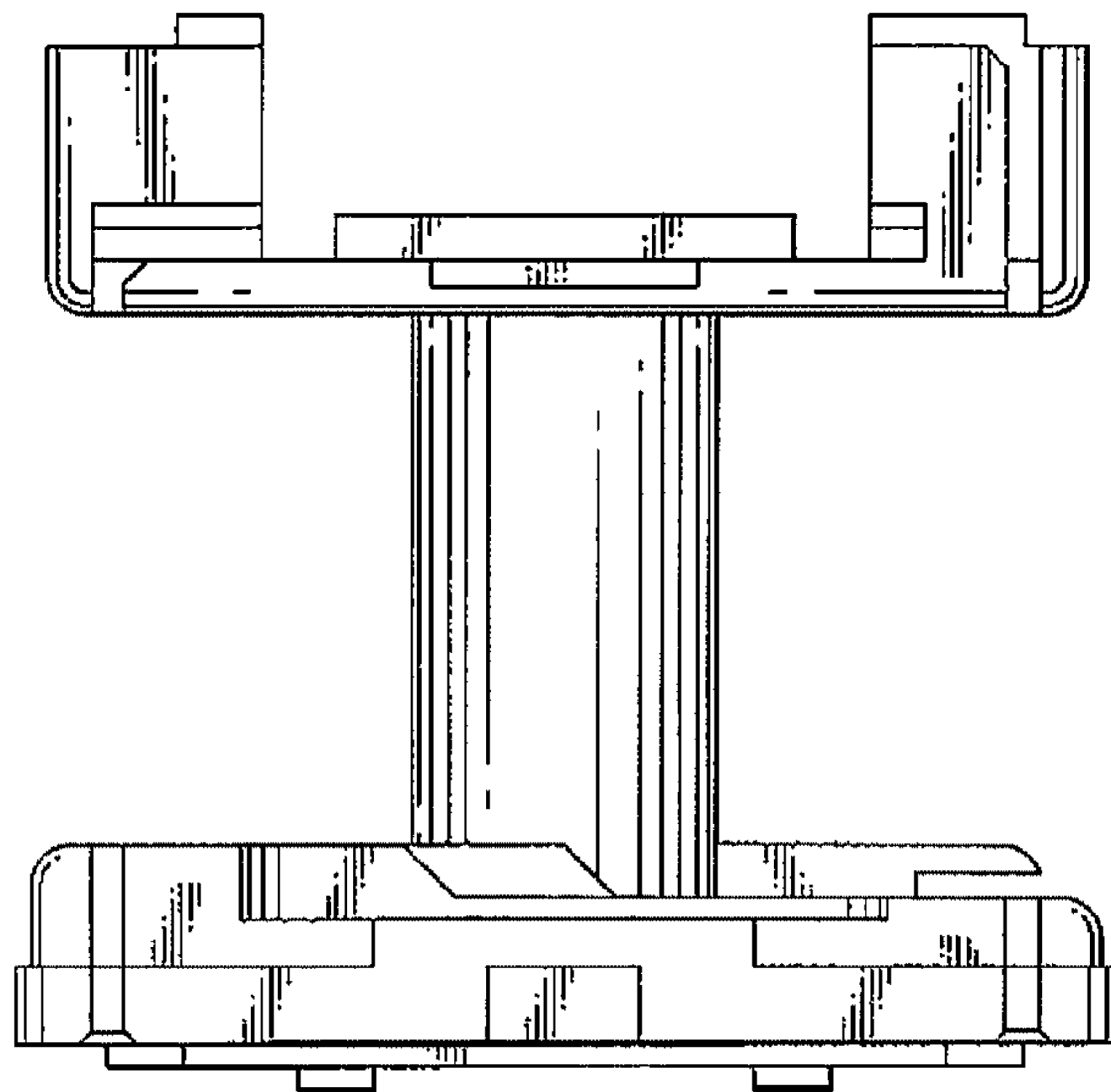


FIG. 3

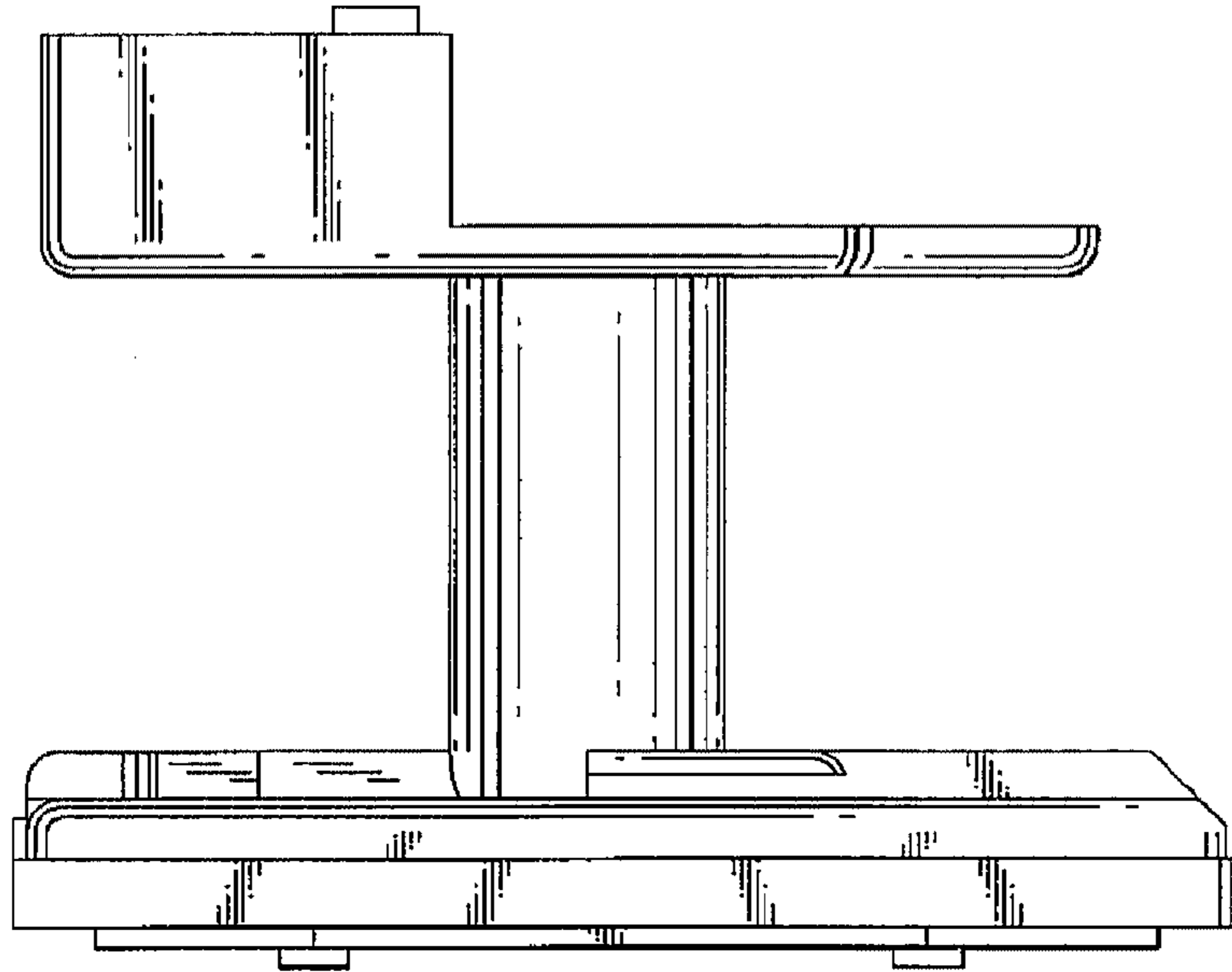


FIG. 4

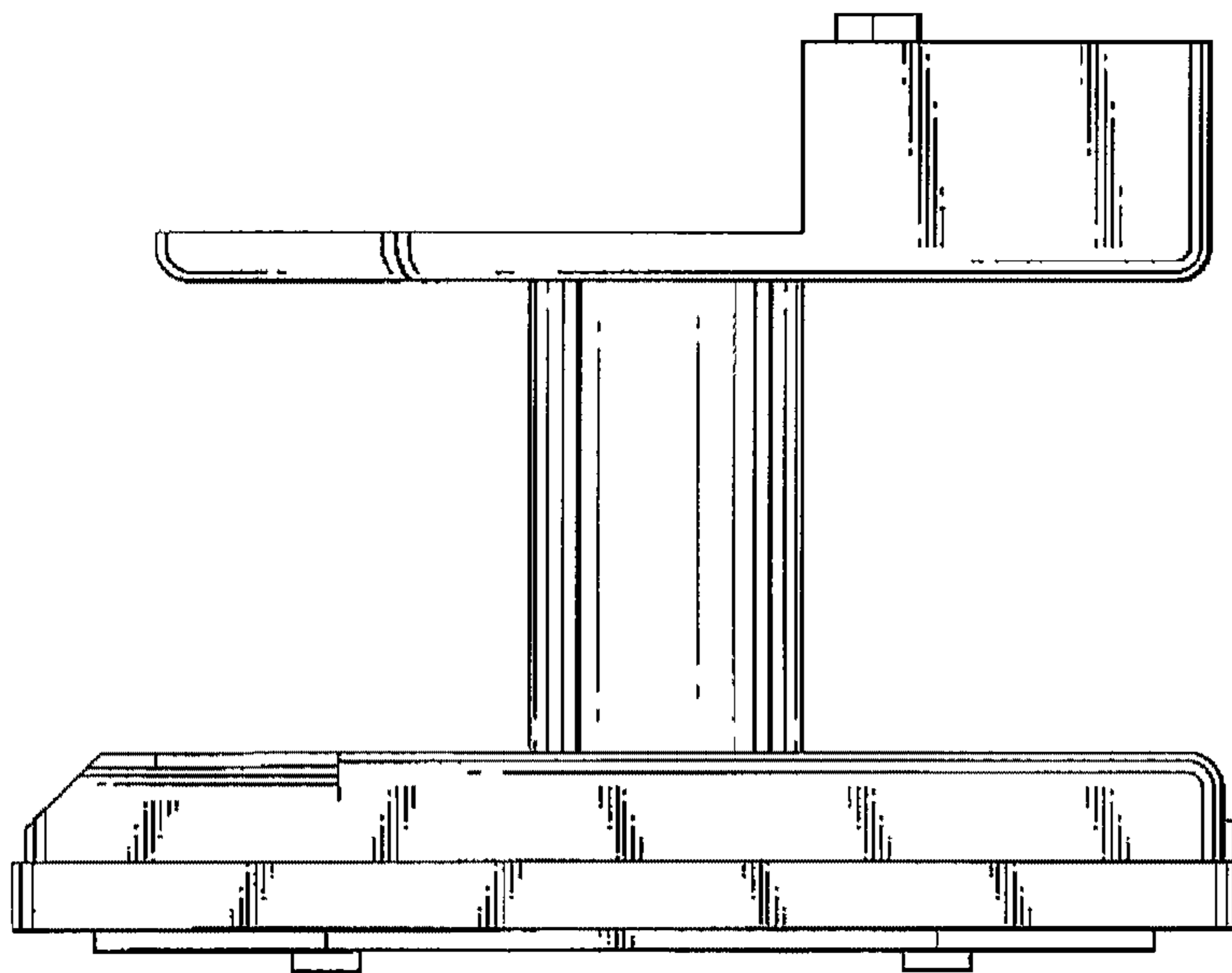


FIG. 5

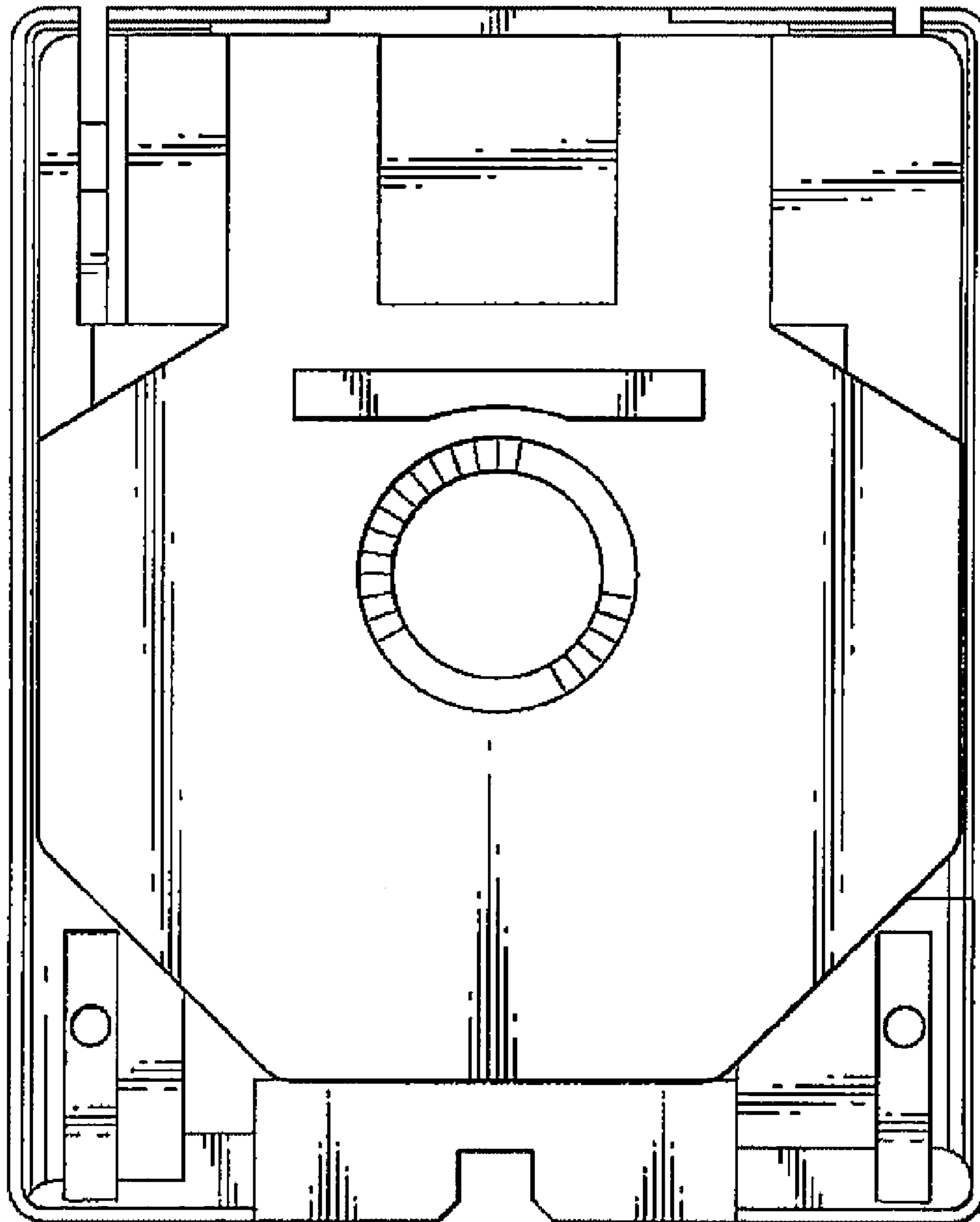


FIG. 6

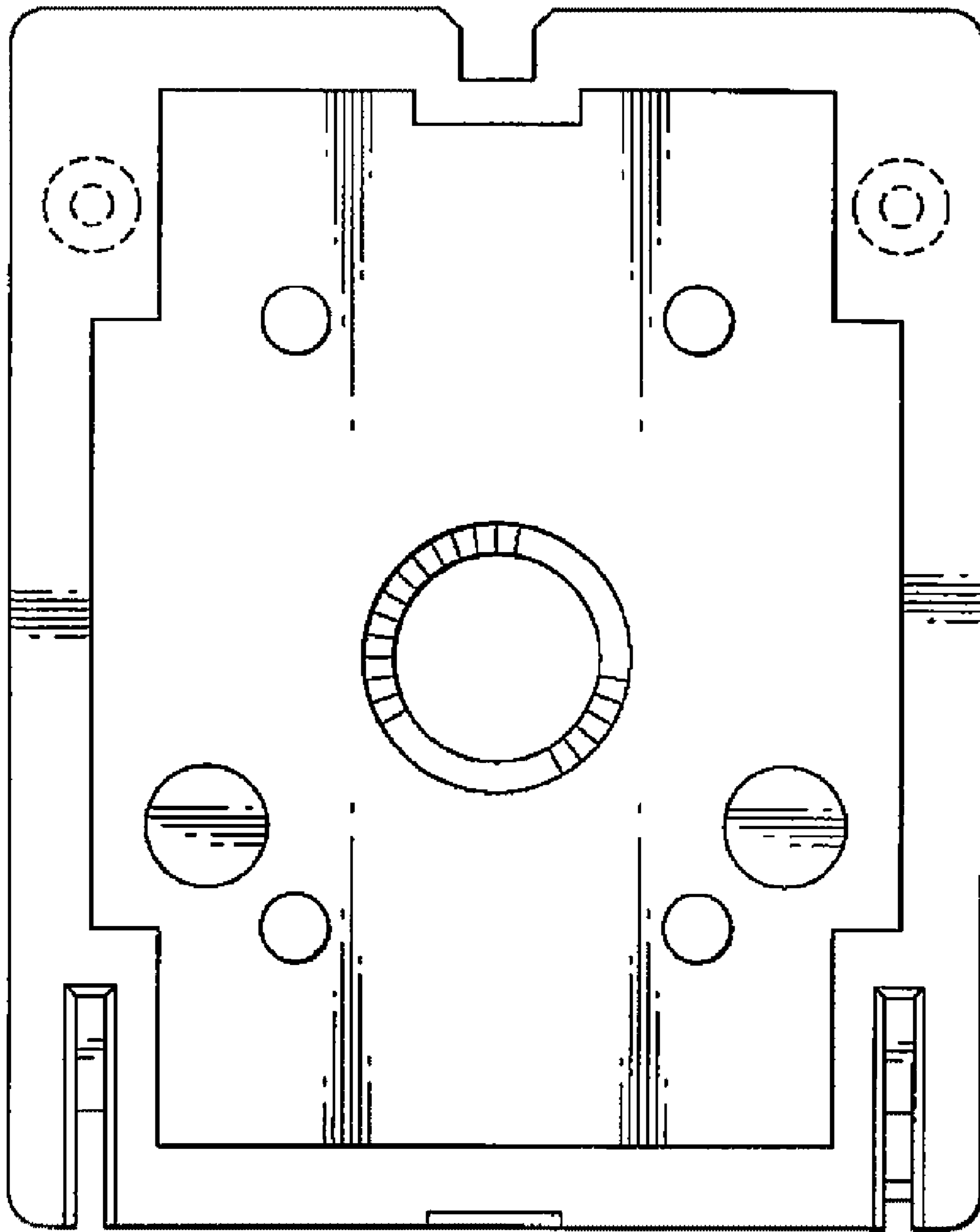


FIG. 7