



US00D470450S

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

(10) **Patent No.:** **US D470,450 S**

(45) **Date of Patent:** **\*\* Feb. 18, 2003**

(54) **ENCLOSURE FOR CRASH SURVIVABLE  
DATA RECORDER**

D425,506 S \* 5/2000 Olzak et al. .... D14/167  
6,153,720 A \* 11/2000 Olzak et al. .... 528/182  
D457,510 S \* 5/2002 Olzak et al. .... D14/167

(75) Inventor: **Richard Olzak**, Kirkland, WA (US)

\* cited by examiner

(73) Assignee: **Honeywell International Inc.**,  
Morristown, NJ (US)

*Primary Examiner*—Stacia Cadmus

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

(57) **CLAIM**

(21) Appl. No.: **29/142,342**

The ornamental design for enclosure for crash survivable data recorder, as shown and described.

(22) Filed: **May 22, 2001**

**DESCRIPTION**

(51) **LOC (7) Cl.** ..... **12-16**

(52) **U.S. Cl.** ..... **D12/400; D6/448; D14/168**

(58) **Field of Search** ..... D12/400, 415,  
D12/423, 345; D14/168, 167; D6/448, 449,  
432, 455-456, 496; 109/29, 84; D9/430;  
169/48; 455/344, 347, 351; 528/182, 186;  
206/305, 321, 811; 220/560.01, 453, 468,  
88.1; 361/704; 174/52.2

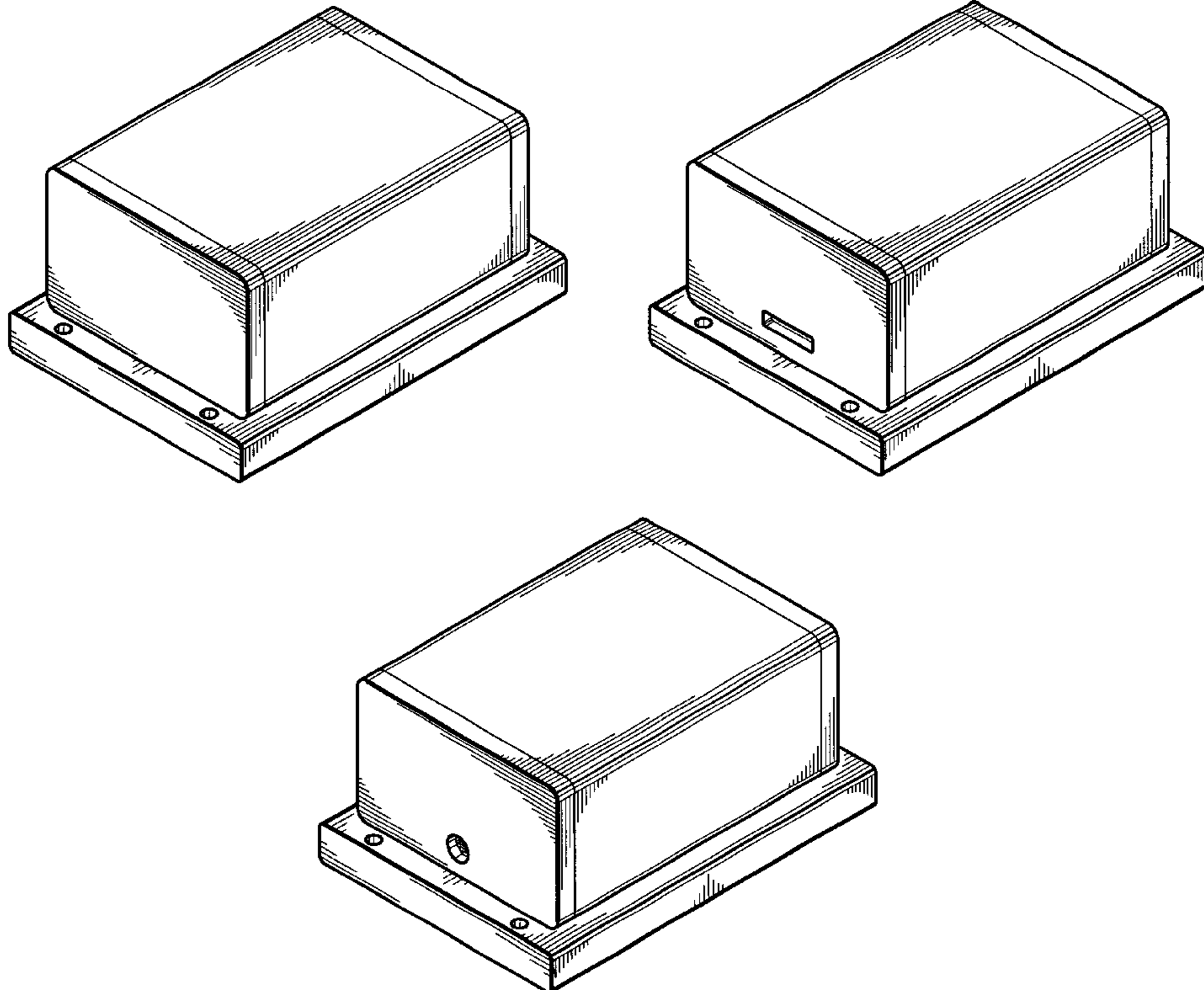
FIG. 1 is a perspective view of a crash survivable data recorder showing my new design;  
FIG. 2 is a top plan view thereof;  
FIG. 3 is a bottom plan view thereof;  
FIG. 4 is a front elevational view, the rear elevational view being a mirror image thereof;  
FIG. 5 is a right side elevational view, the left side elevational view being a mirror image thereof;  
FIG. 6 is a perspective view of a second embodiment of the invention;  
FIG. 7 is a front elevational view of FIG. 6;  
FIG. 8 is a rear elevational view of FIG. 6;  
FIG. 9 is a perspective of a third embodiment of the invention;  
FIG. 10 is a front elevational view of FIG. 9; and,  
FIG. 11 is a rear elevational view of FIG. 9.

(56) **References Cited**

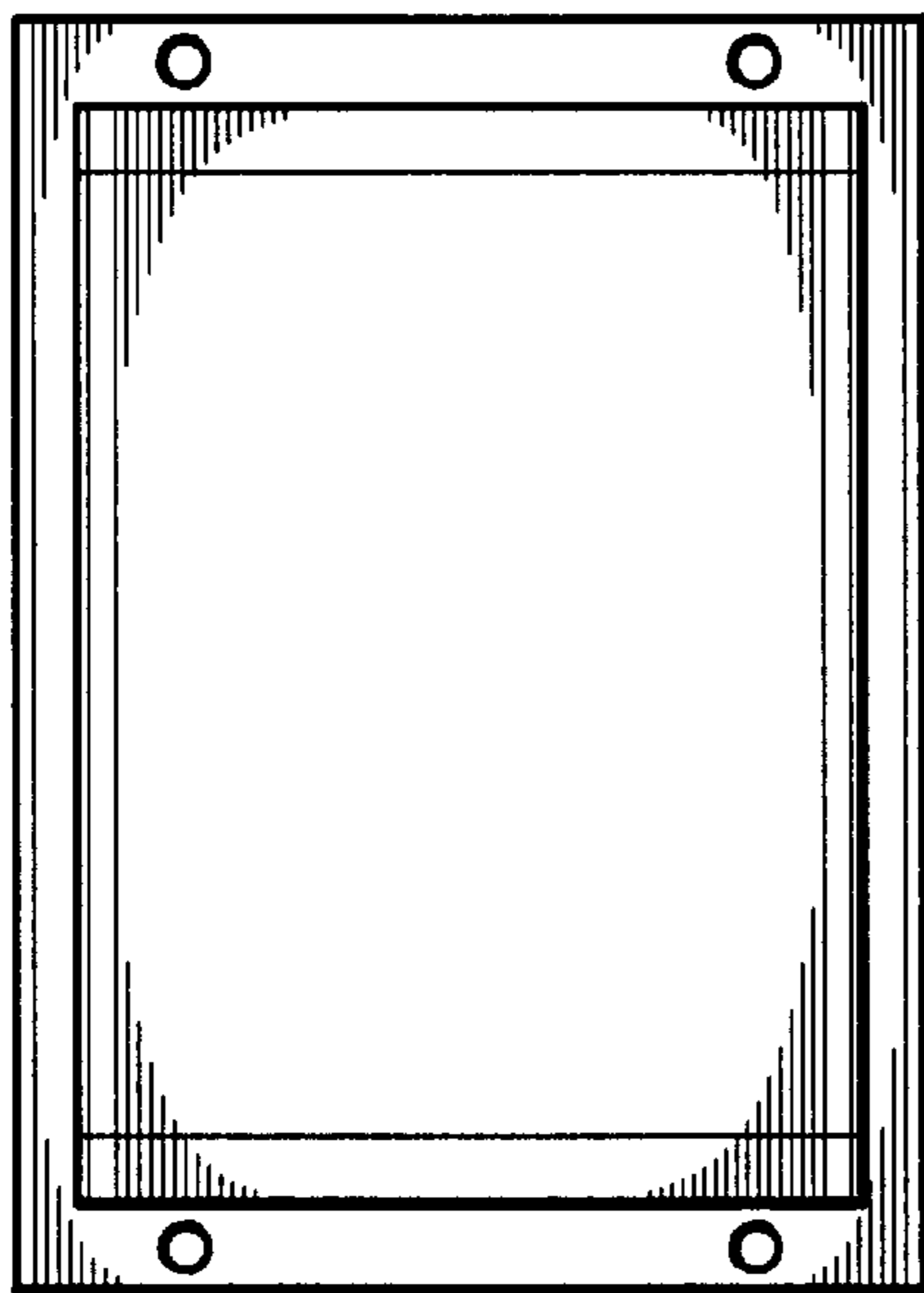
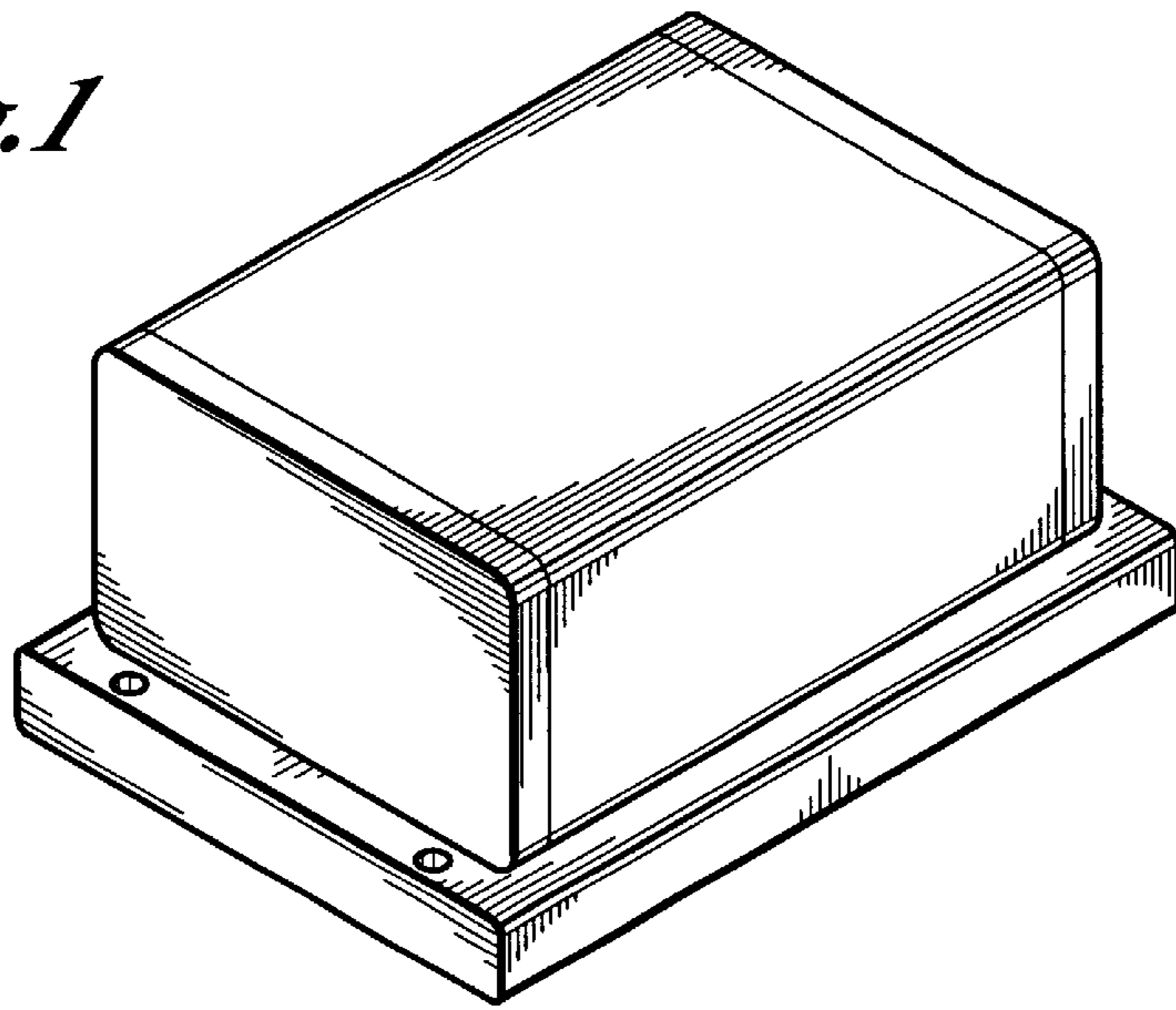
**U.S. PATENT DOCUMENTS**

3,702,592 A \* 11/1972 Gamble ..... 109/29  
4,694,119 A \* 9/1987 Groenewegen ..... 174/52.2  
4,944,401 A \* 7/1990 Groenewegen ..... 206/521  
D327,793 S \* 7/1992 McGrory ..... D6/448  
D336,177 S \* 6/1993 Kulaga ..... D6/432  
D383,278 S \* 9/1997 Jennings ..... D6/432 X  
5,708,565 A \* 1/1998 Fairbanks ..... 206/305 X

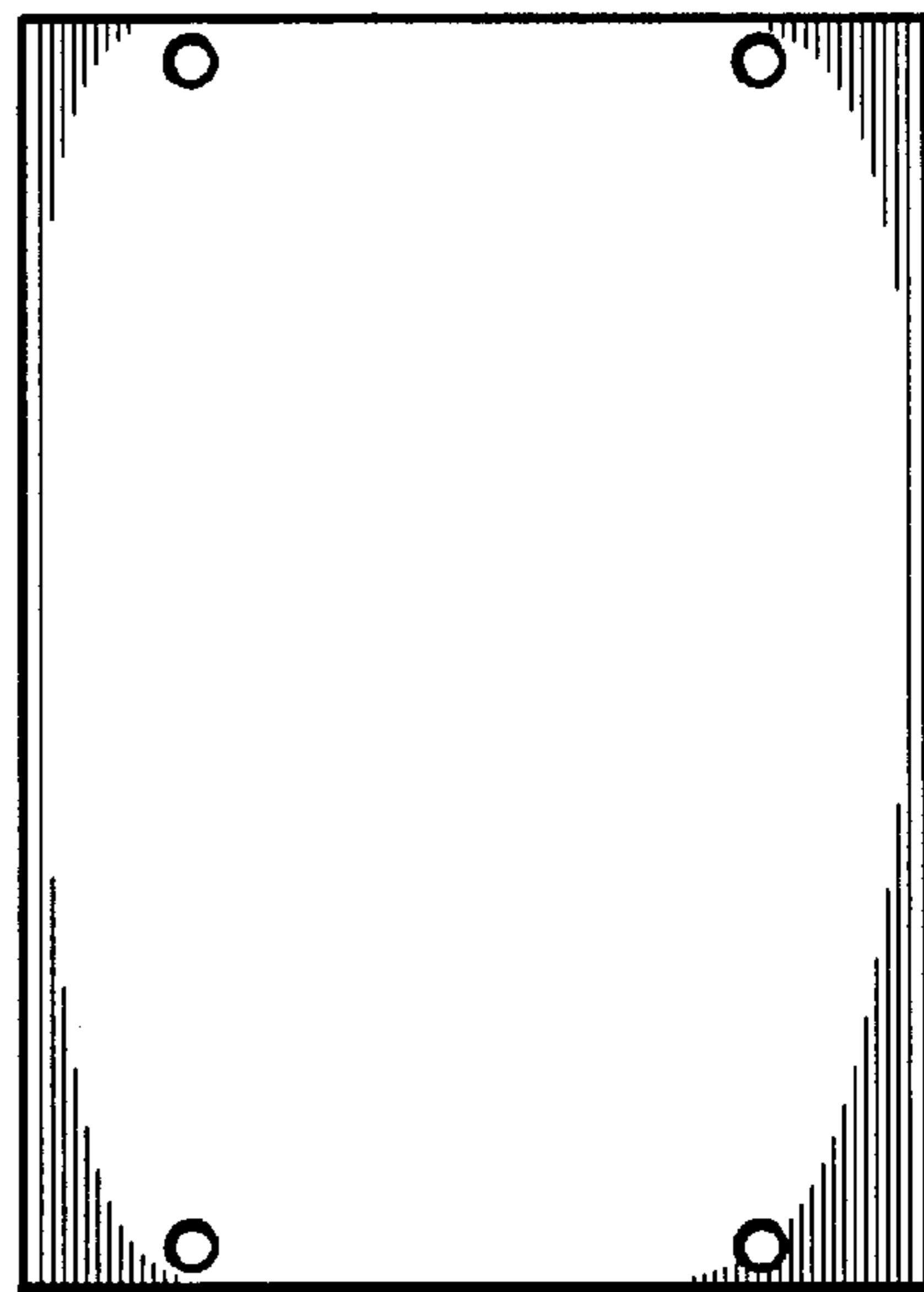
**1 Claim, 3 Drawing Sheets**



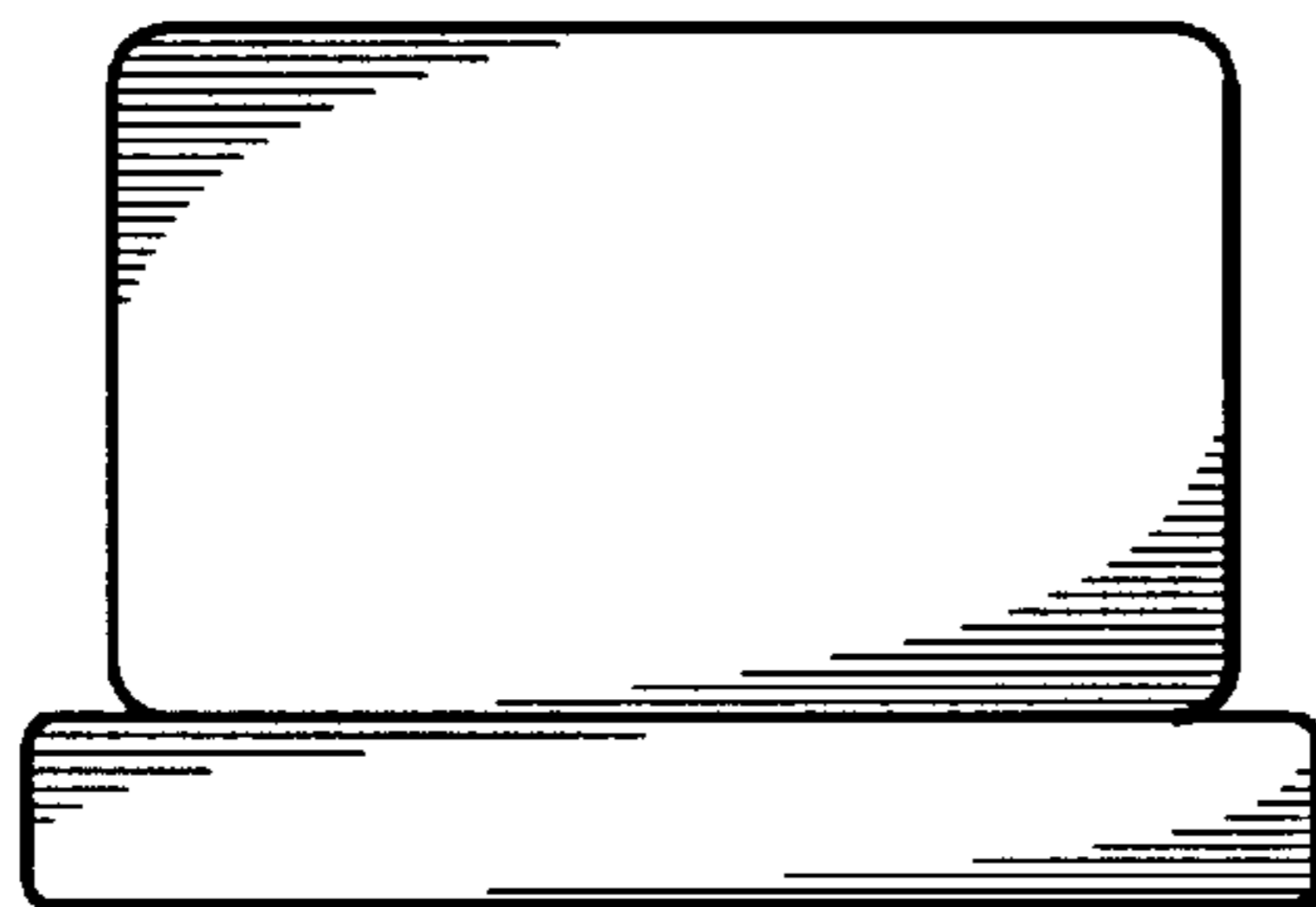
*Fig.1*



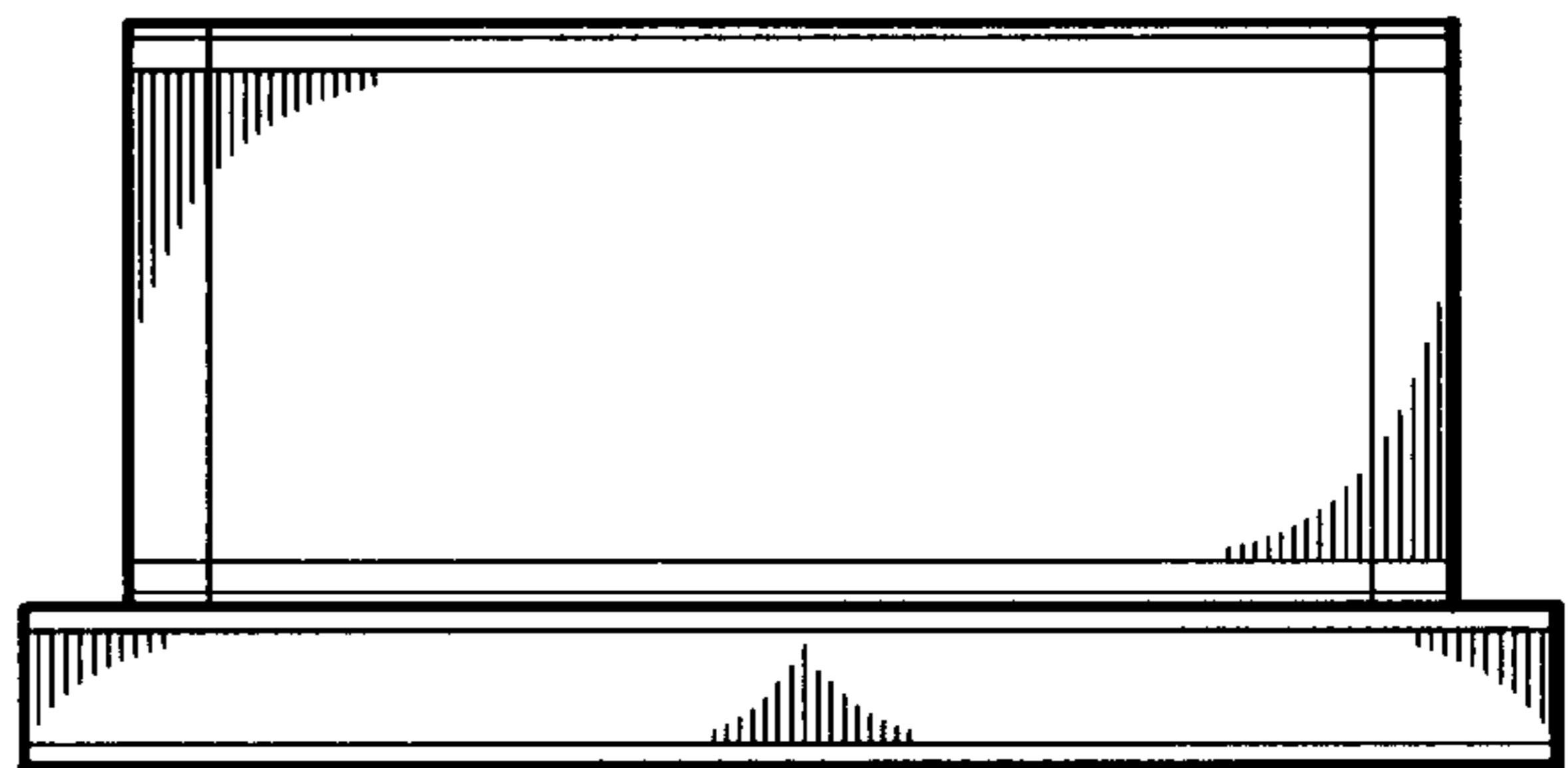
*Fig.2*



*Fig.3*

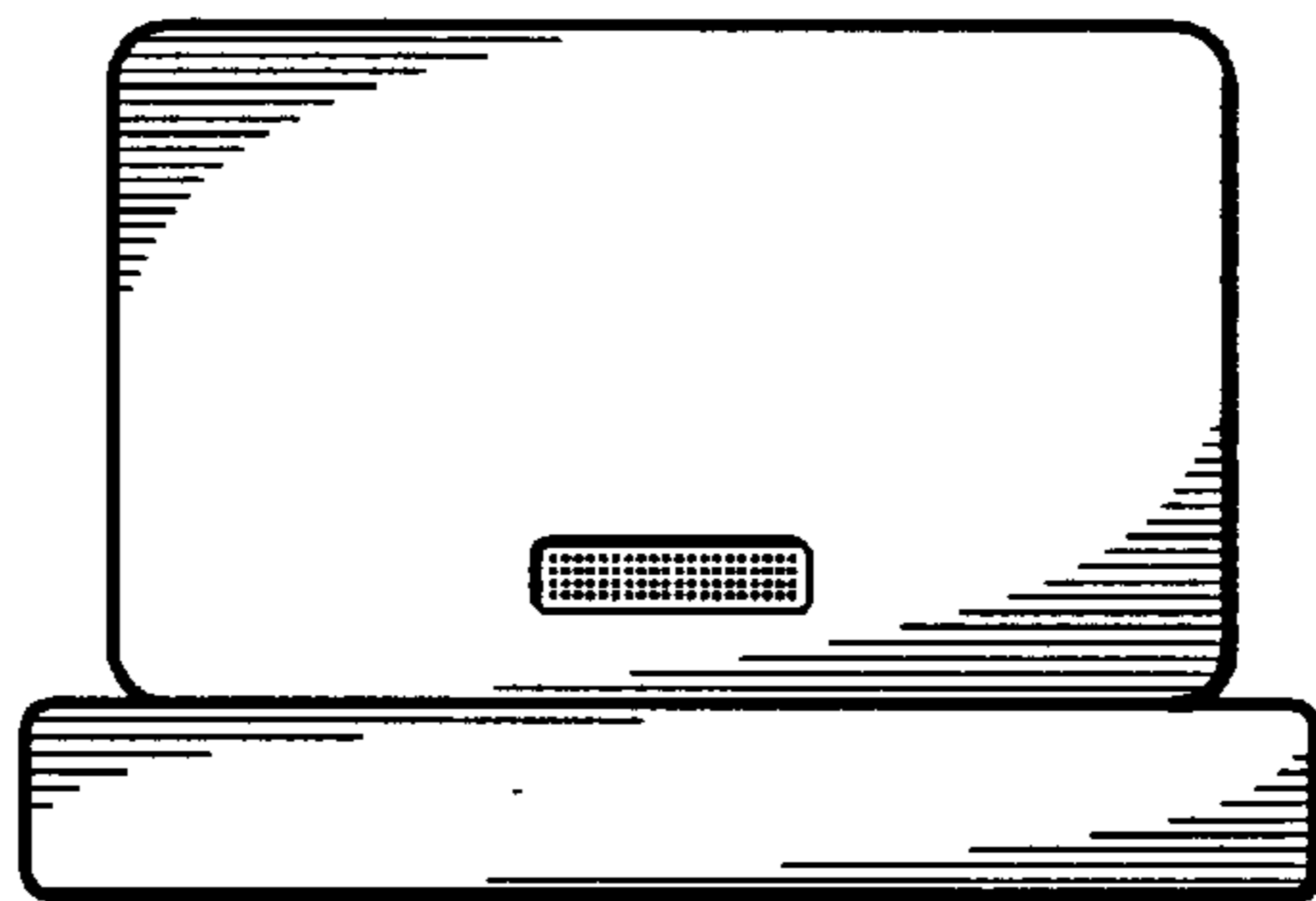
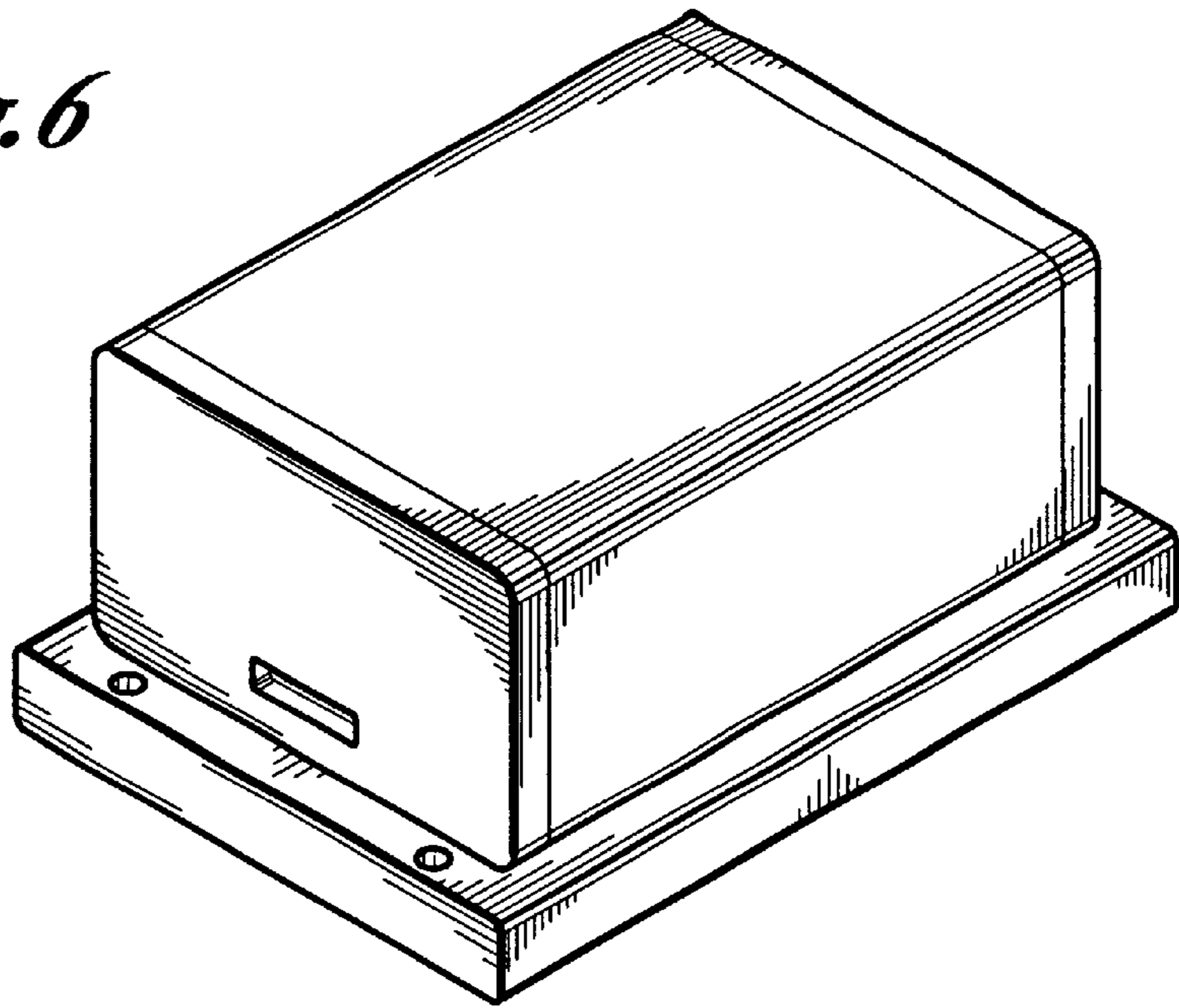


*Fig.4*

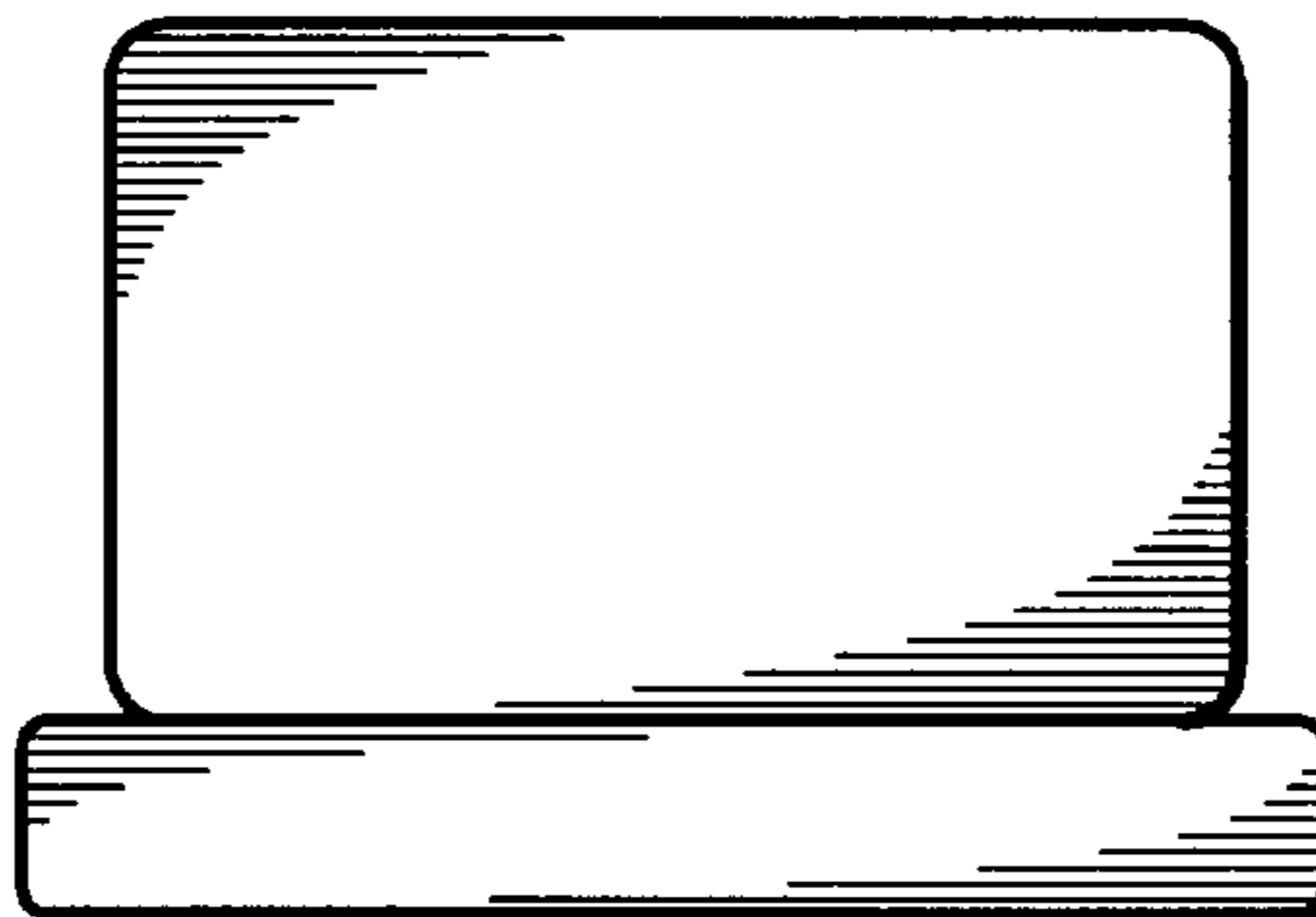


*Fig.5*

*Fig. 6*

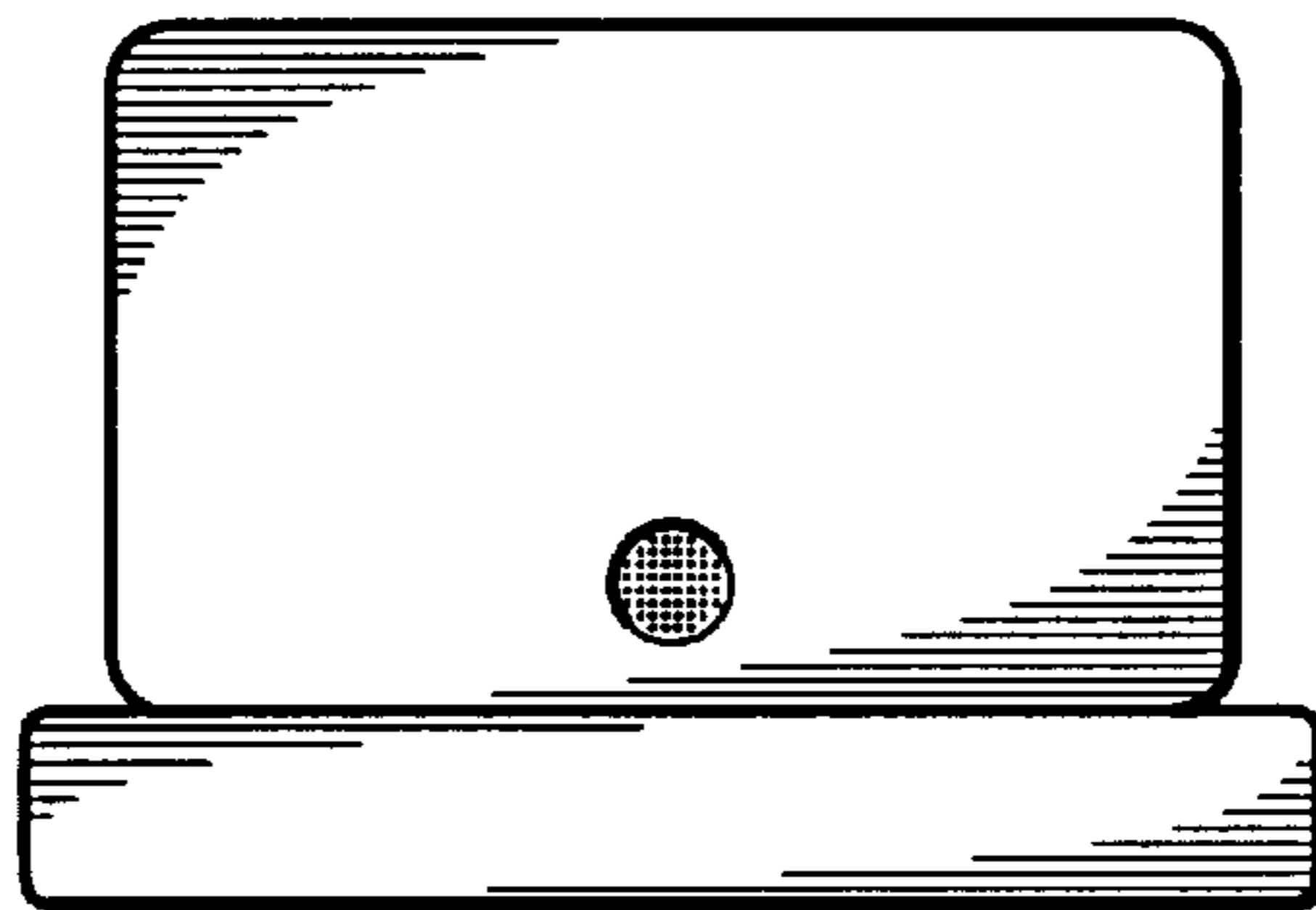
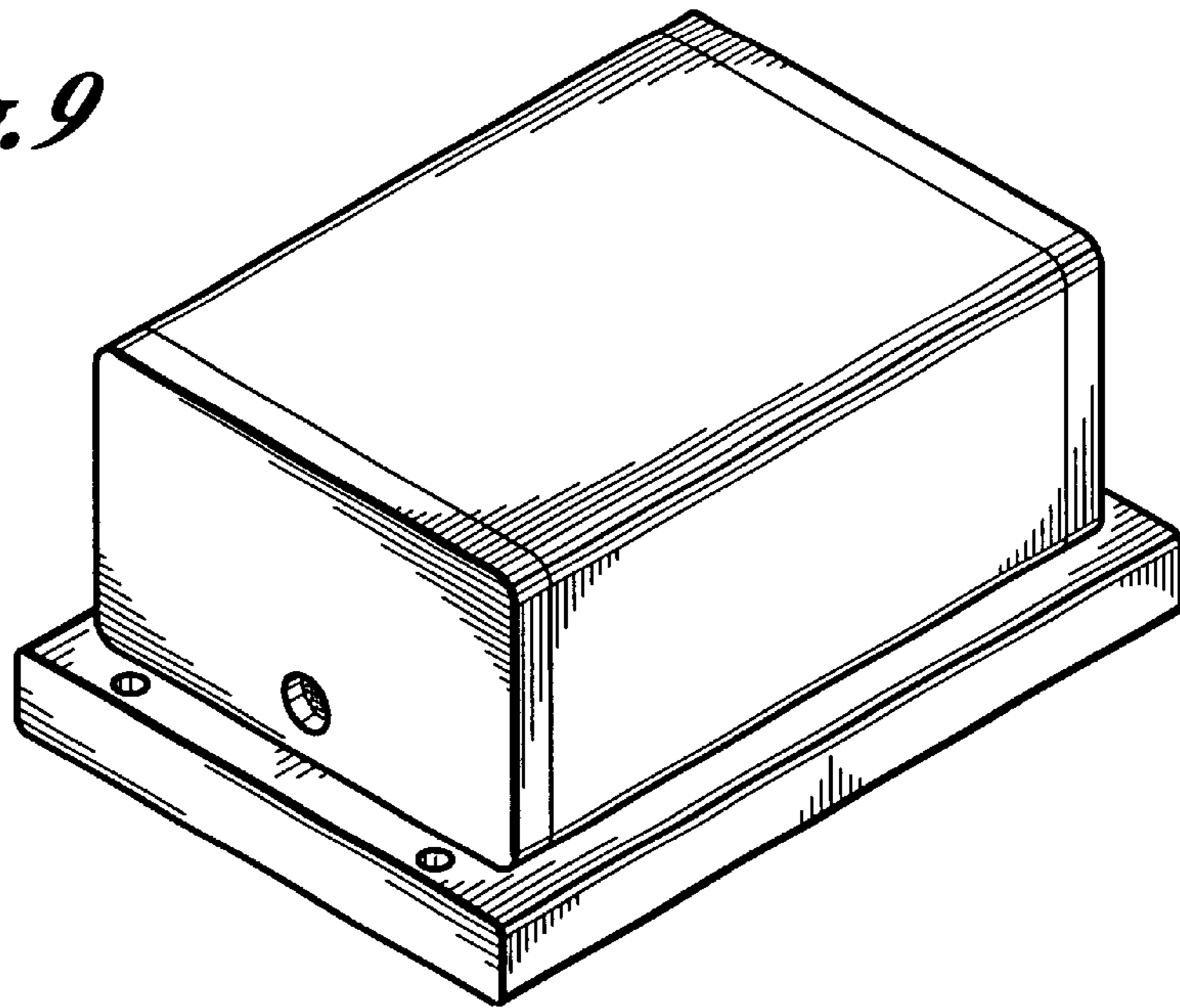


*Fig. 7*

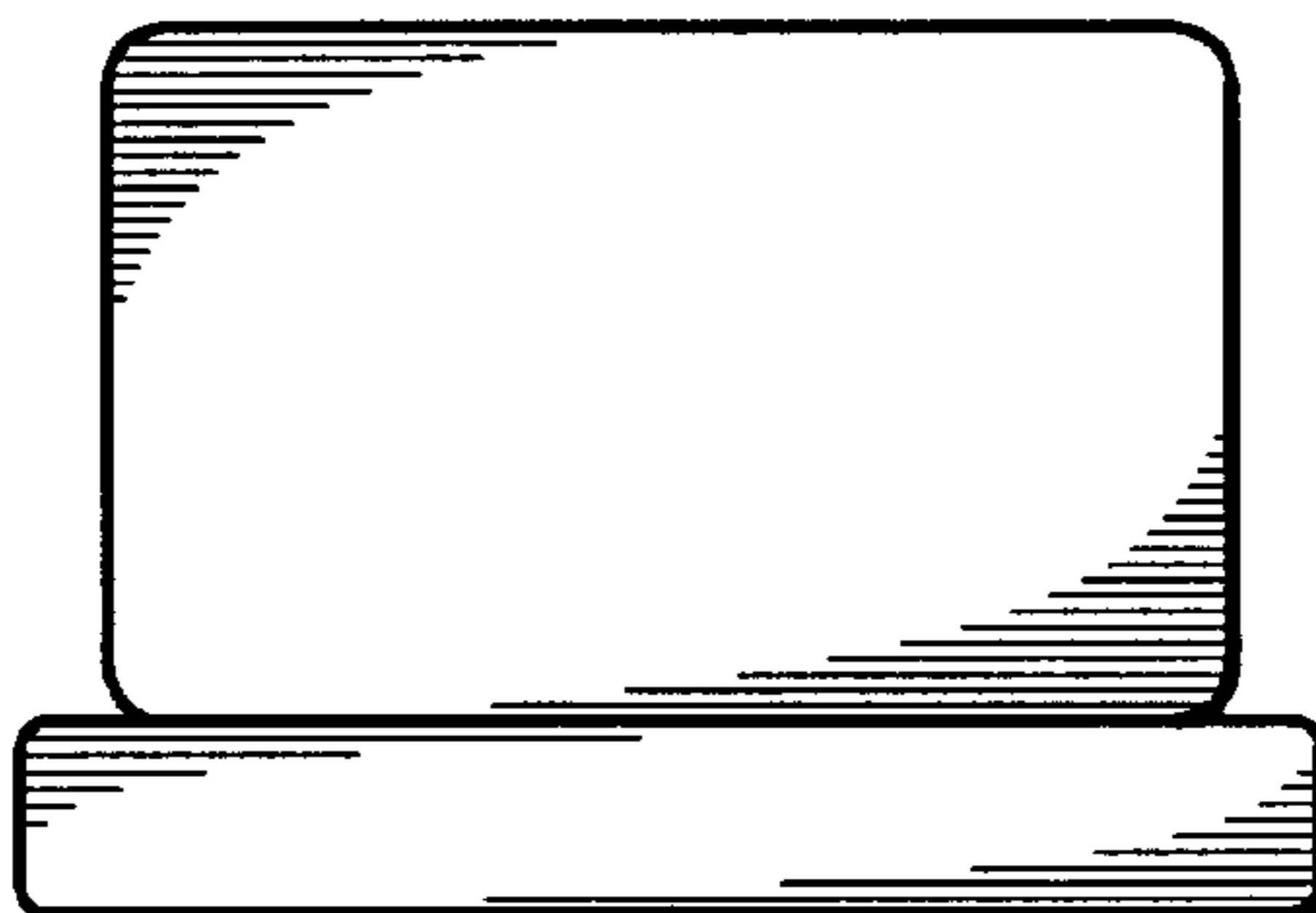


*Fig. 8*

*Fig.9*



*Fig.10*



*Fig.11*