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(12) **United States Design Patent** (10) **Patent No.:** **US D468,025 S**
Heimberg et al. (45) **Date of Patent:** **** Dec. 31, 2002**

(54) **DEVICE FOR THE EXECUTION OF
CHEMICAL AND BIOLOGICAL REACTIONS**

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

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Related U.S. Application Data

(63) Continuation-in-part of application No. 29/130,800, filed on
Oct. 9, 2000, now abandoned.

(30) **Foreign Application Priority Data**

Apr. 8, 2000 (DE) 400 03 832

(51) **LOC (7) Cl.** **24-01**

(52) **U.S. Cl.** **D24/232**

(58) **Field of Search** D4/231, 232, 216;
422/72, 102, 64, 104, 100; 73/864.25, 864.14

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,705,630 A * 11/1987 Gordon et al. 422/102
D328,954 S * 8/1992 Brech D24/216

5,324,480 A * 6/1994 Shumate et al. 422/100
D368,967 S * 4/1996 Keiser et al. D24/232
5,531,959 A * 7/1996 Johnson et al. 422/70
5,537,880 A * 7/1996 Takeda et al. 73/864.25
5,660,792 A * 8/1997 Koike 422/63
D406,900 S * 3/1999 Murrell et al. D24/232

* cited by examiner

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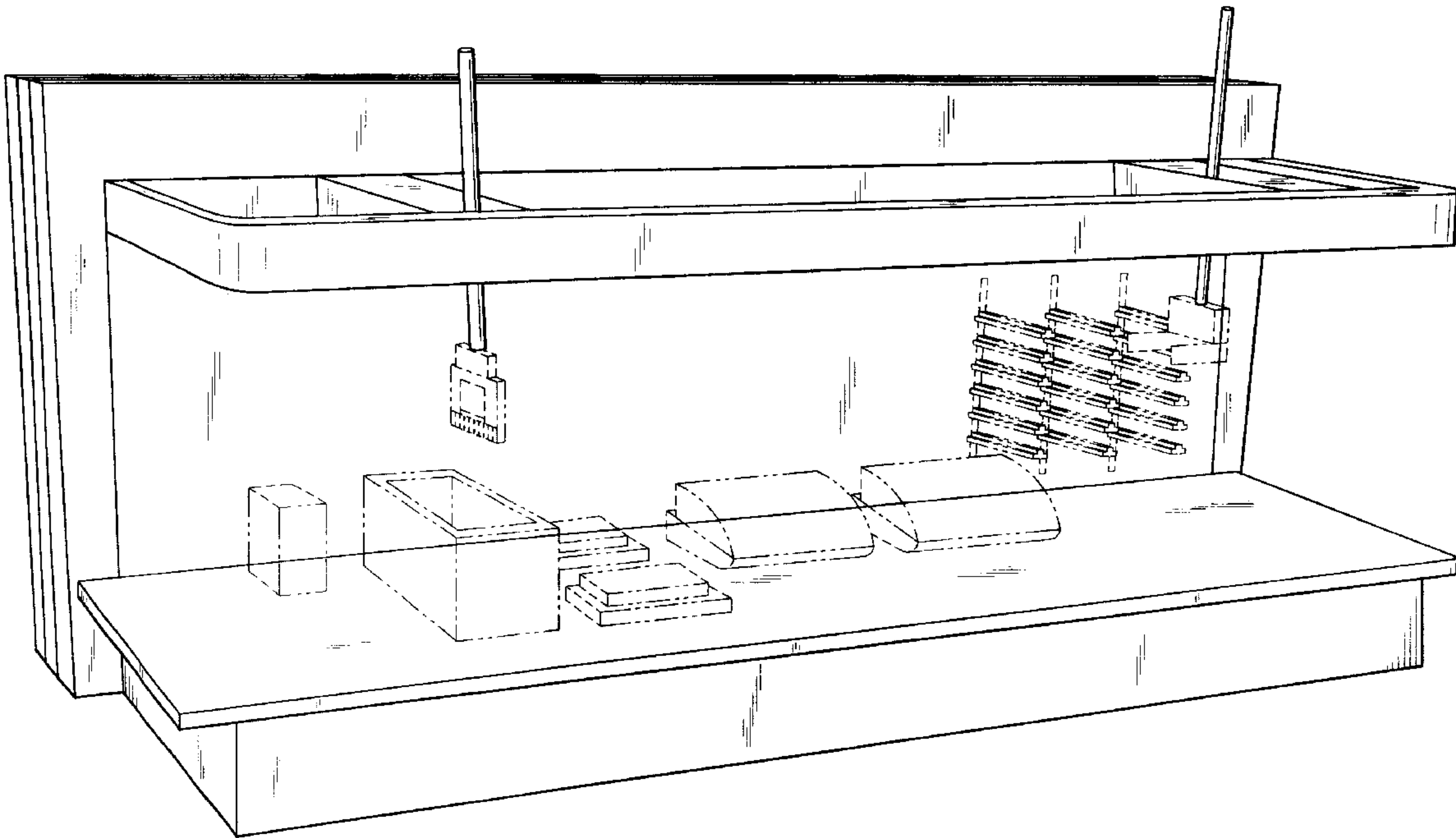
(57) **CLAIM**

The ornamental design for a device for the execution of
chemical and biological reactions, as shown and described.

DESCRIPTION

FIG. 1 is an elevated perspective view of a device for the
execution of chemical and biological reactions in accor-
dance with the present invention, showing the new design.
FIG. 2 is a front view of the device for the execution of
chemical and biological reactions of FIG. 1.
FIG. 3 is a top plan view of the device for the execution of
chemical and biological reactions of FIG. 1.
FIG. 4 is a left side view of the device for the execution of
chemical and biological reactions of FIG. 1; and,
FIG. 5 is a right side view of the device for the execution of
chemical and biological reactions of FIG. 1.

1 Claim, 4 Drawing Sheets



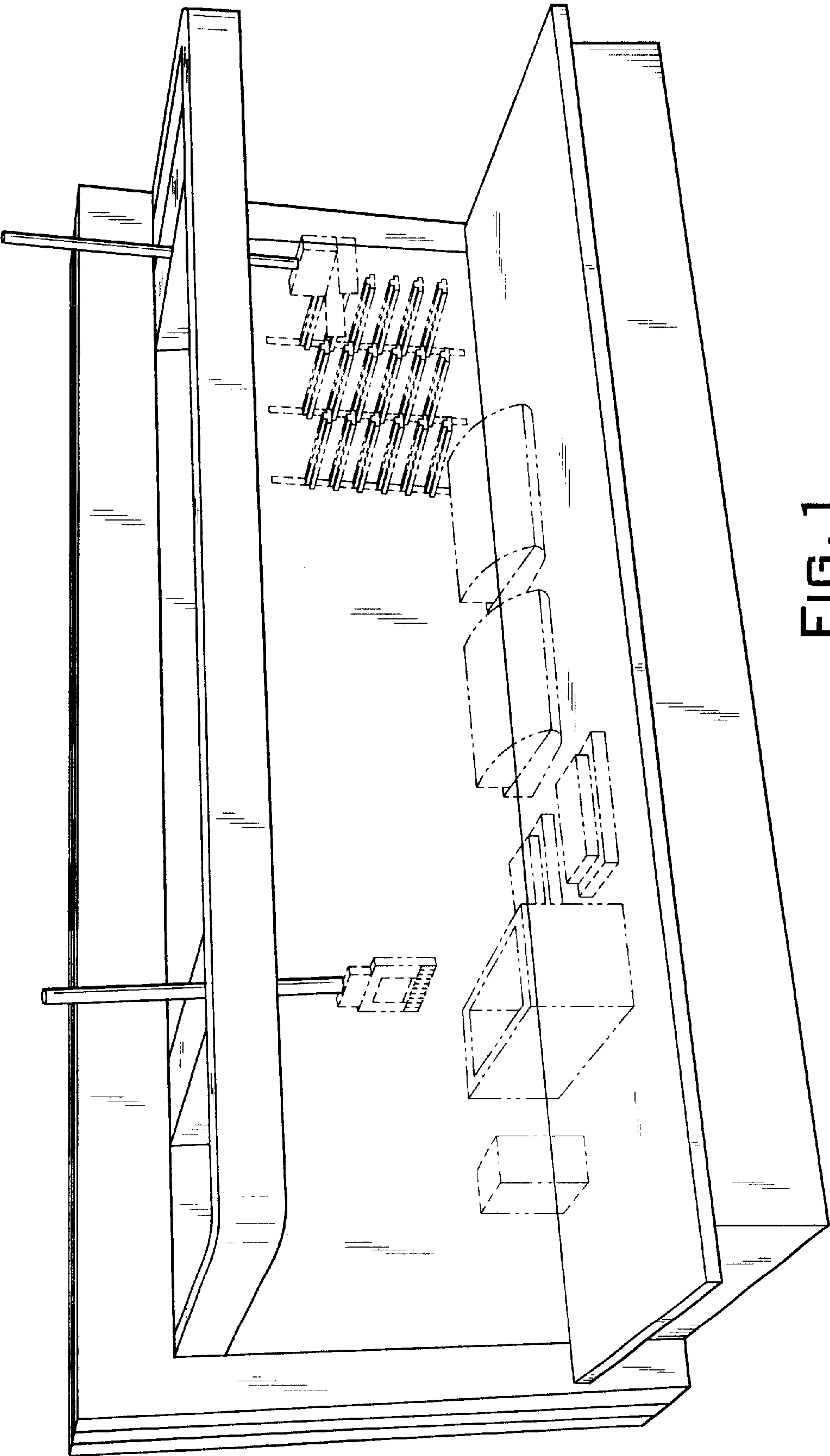


FIG. 1

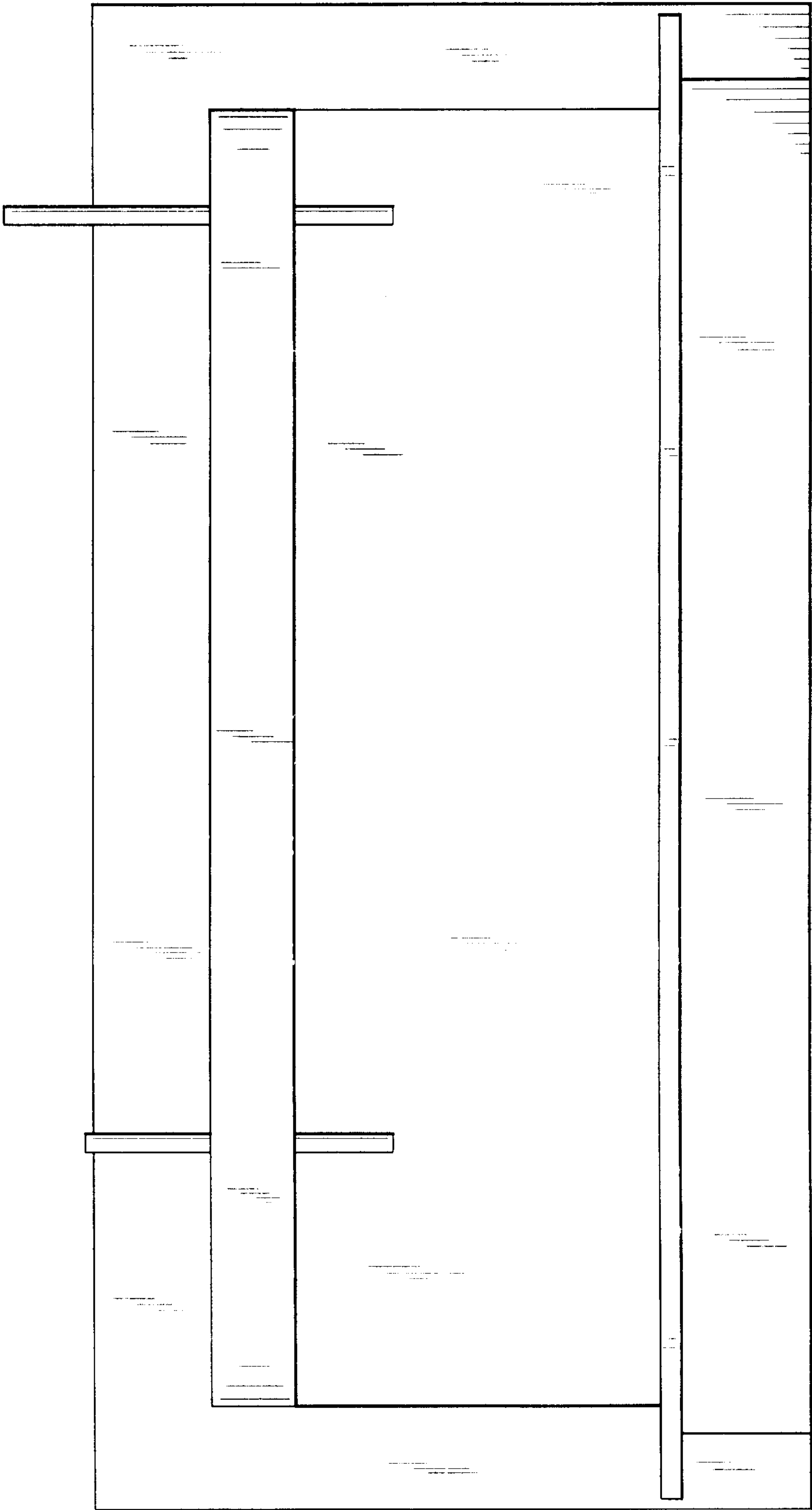


FIG. 2

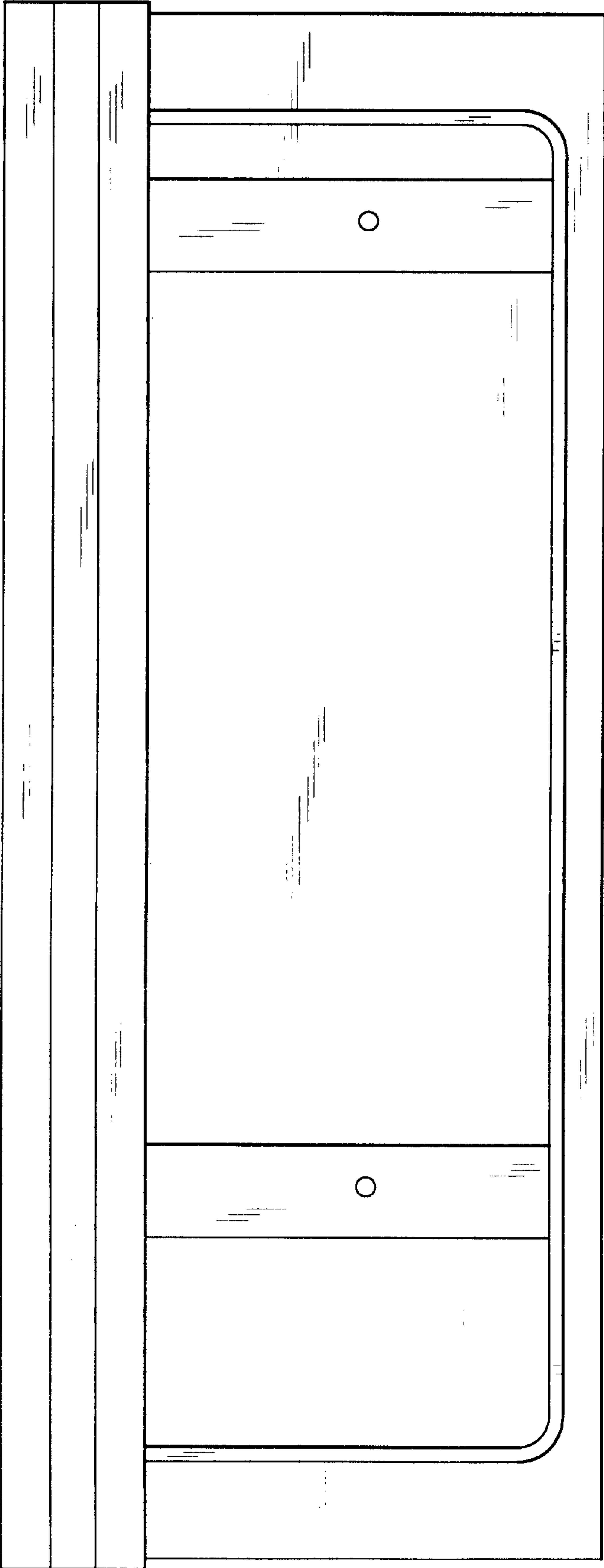


FIG. 3

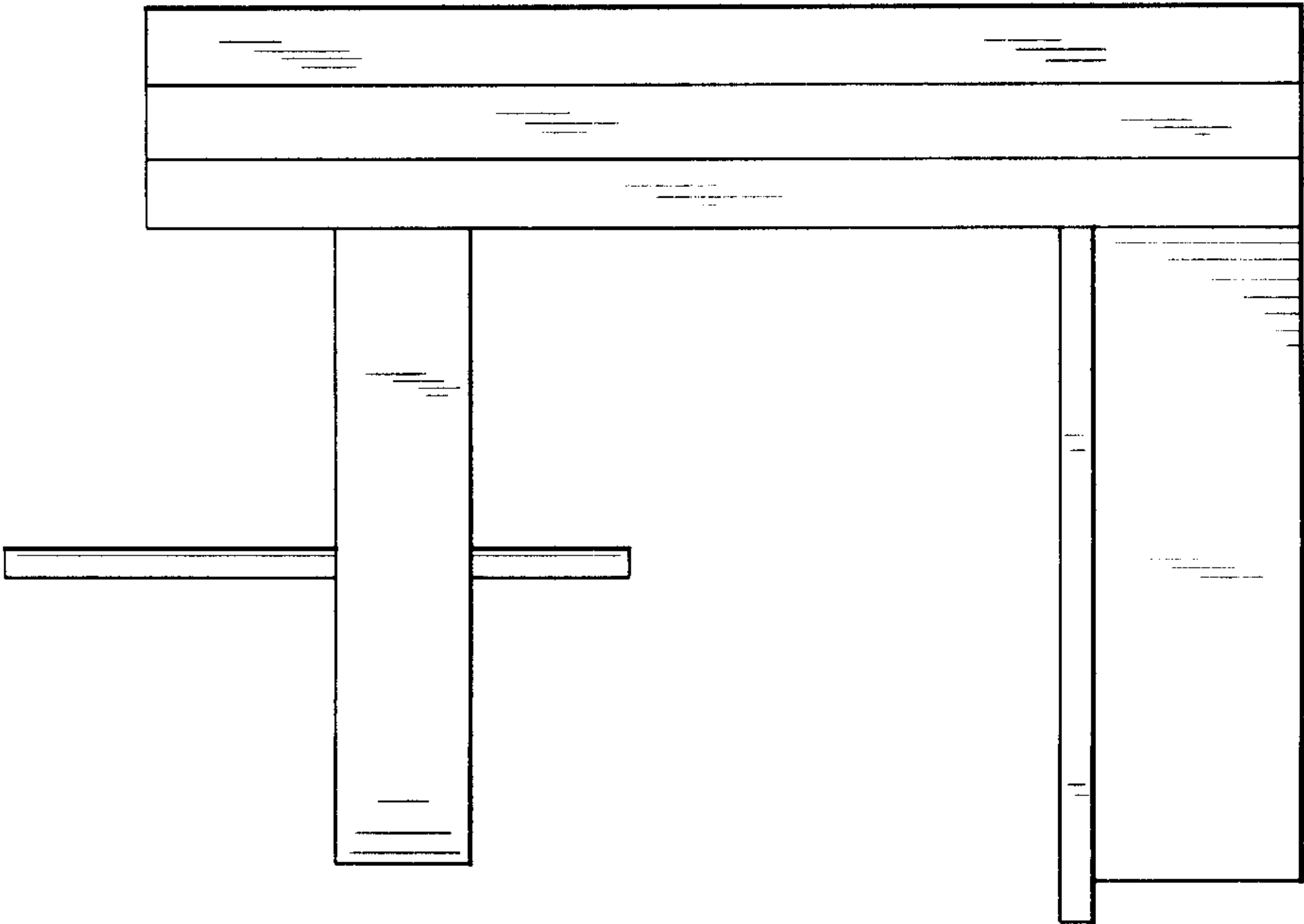


FIG. 5

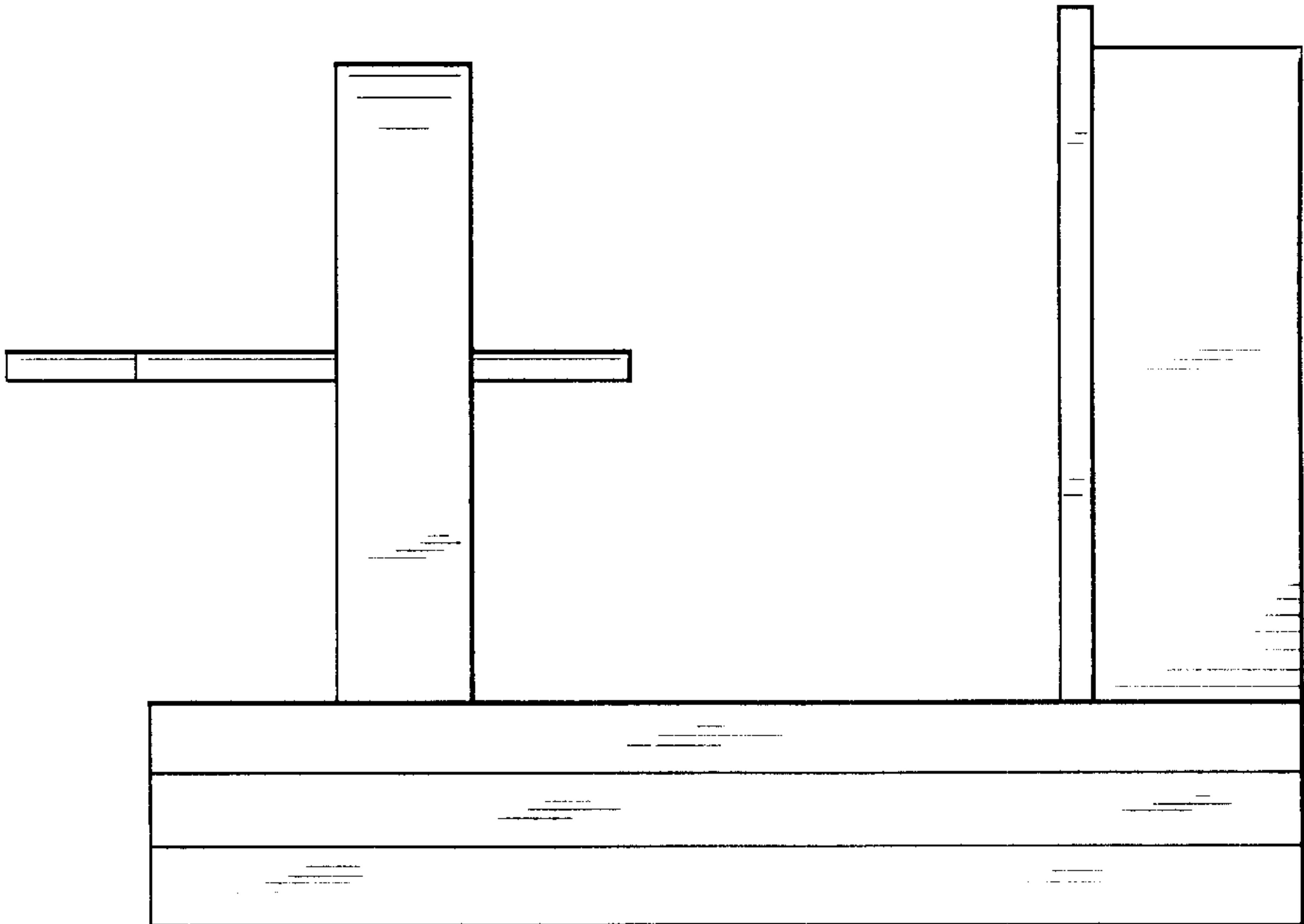


FIG. 4