

[54] **PROGRAMMABLE LOGIC CONTROLLER**

[75] **Inventor: James J. Backes, Hales Corners, Wis.**

[73] **Assignee: Square D Company, Palatine, Ill.**

[**] **Term: 14 Years**

[21] **Appl. No.: 181,277**

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[52] **U.S. Cl. D13/162**

[58] **Field of Search D13/12, 35, 40, 41, D13/99, 123, 162, 158, 184, 199; D14/100, 101, 114; 361/331-334, 346, 390-394; 364/141, 146, 147, 188, 190-193; 901/3, 4, 5**

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 272,819	2/1984	Bean et al.	D13/12
D. 274,615	7/1984	Bean et al.	D13/12
D. 281,493	11/1985	Prager	D13/40
D. 292,394	10/1987	Boucher	D13/12
D. 296,432	6/1988	Harris et al.	D13/12
4,672,511	6/1987	Meusel et al.	361/380
4,716,497	12/1987	Craker	361/395

FOREIGN PATENT DOCUMENTS

1035318 1/1964 United Kingdom 361/394

OTHER PUBLICATIONS

Square D Company, 1987 Brochure "Programmable and Cell Controller Product Overview".
Design News, 12-2-85, Bradley Controller.
New Equipment Digest, 1-85, Gould Controller.

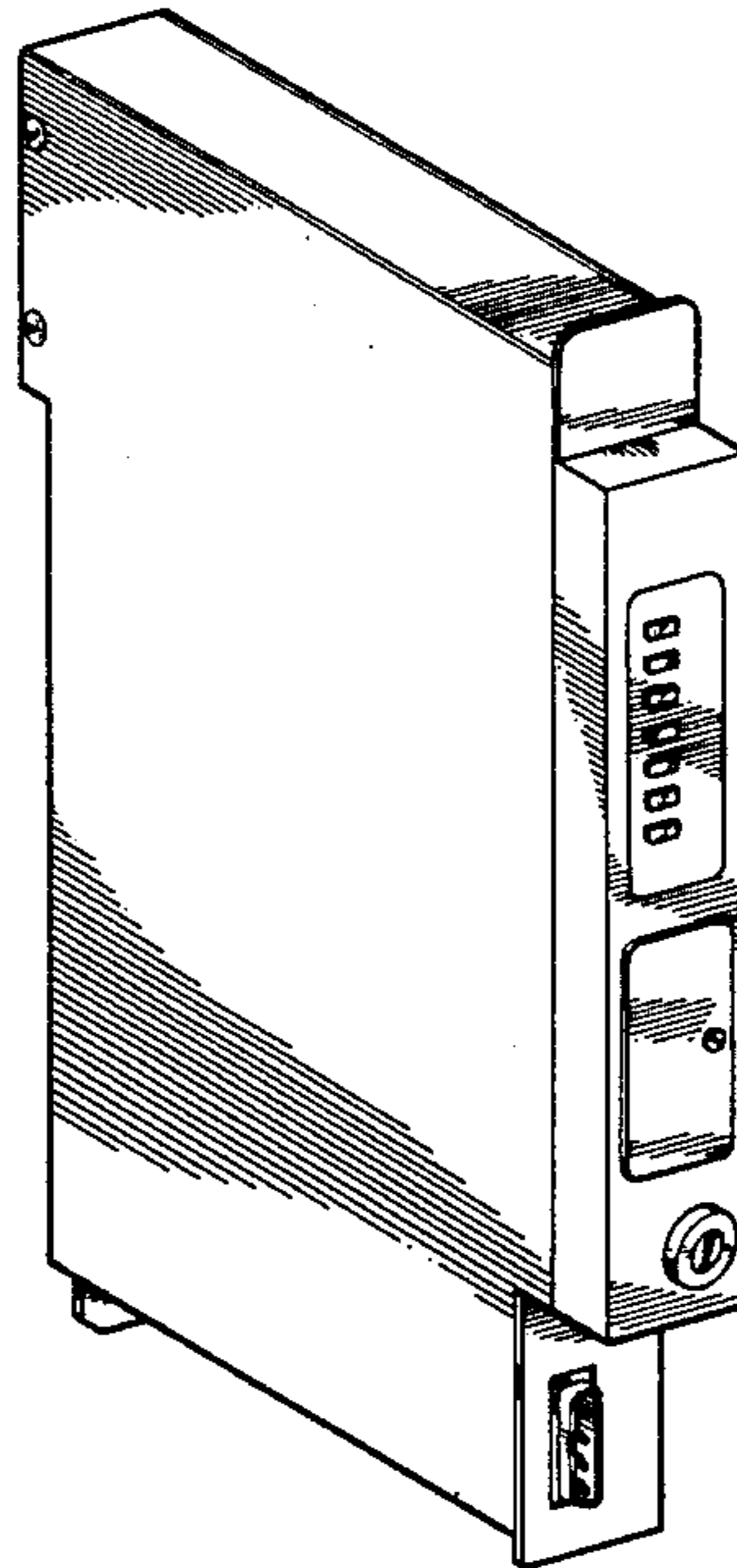
Primary Examiner—Susan J. Lucas
Assistant Examiner—Joel Sincavage
Attorney, Agent, or Firm—Michael J. Femal

[57] **CLAIM**

The ornamental design for a programmable logic controller, as shown.

DESCRIPTION

FIG. 1 is a top, left, front perspective view of a programmable logic controller showing my new design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a right side elevational view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a rear elevational view thereof.



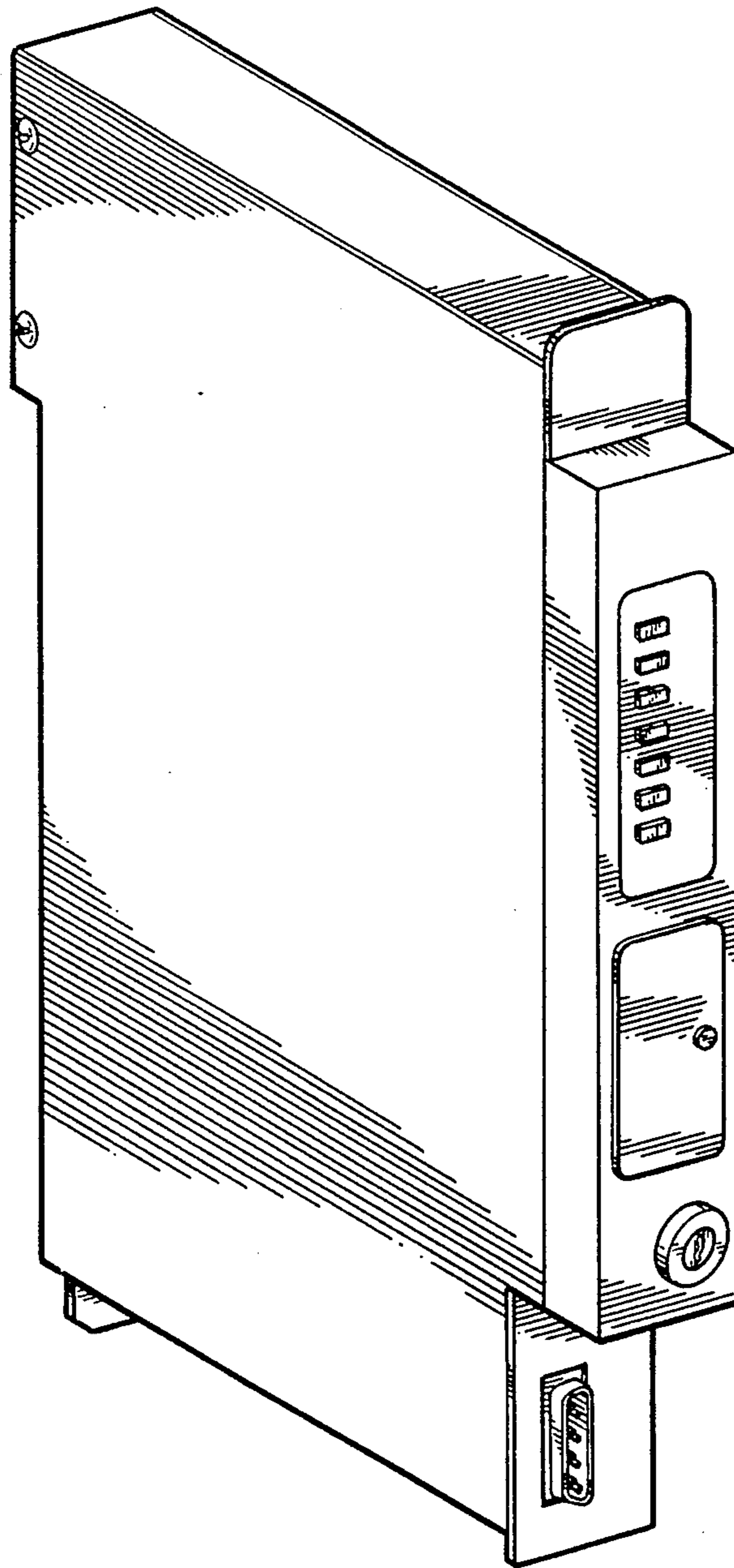


FIG. 1

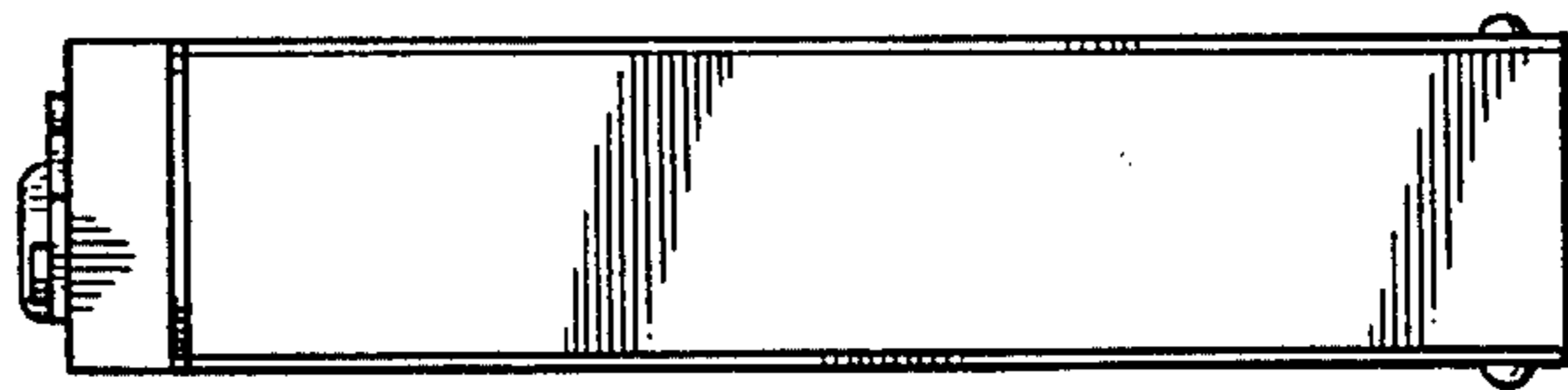


FIG. 2

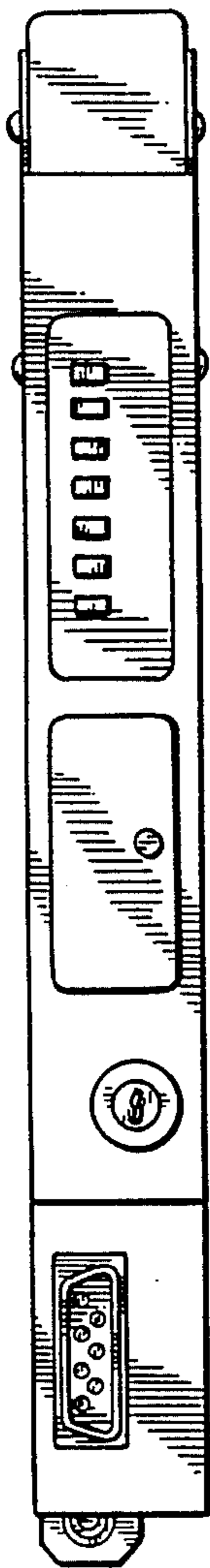


FIG. 3

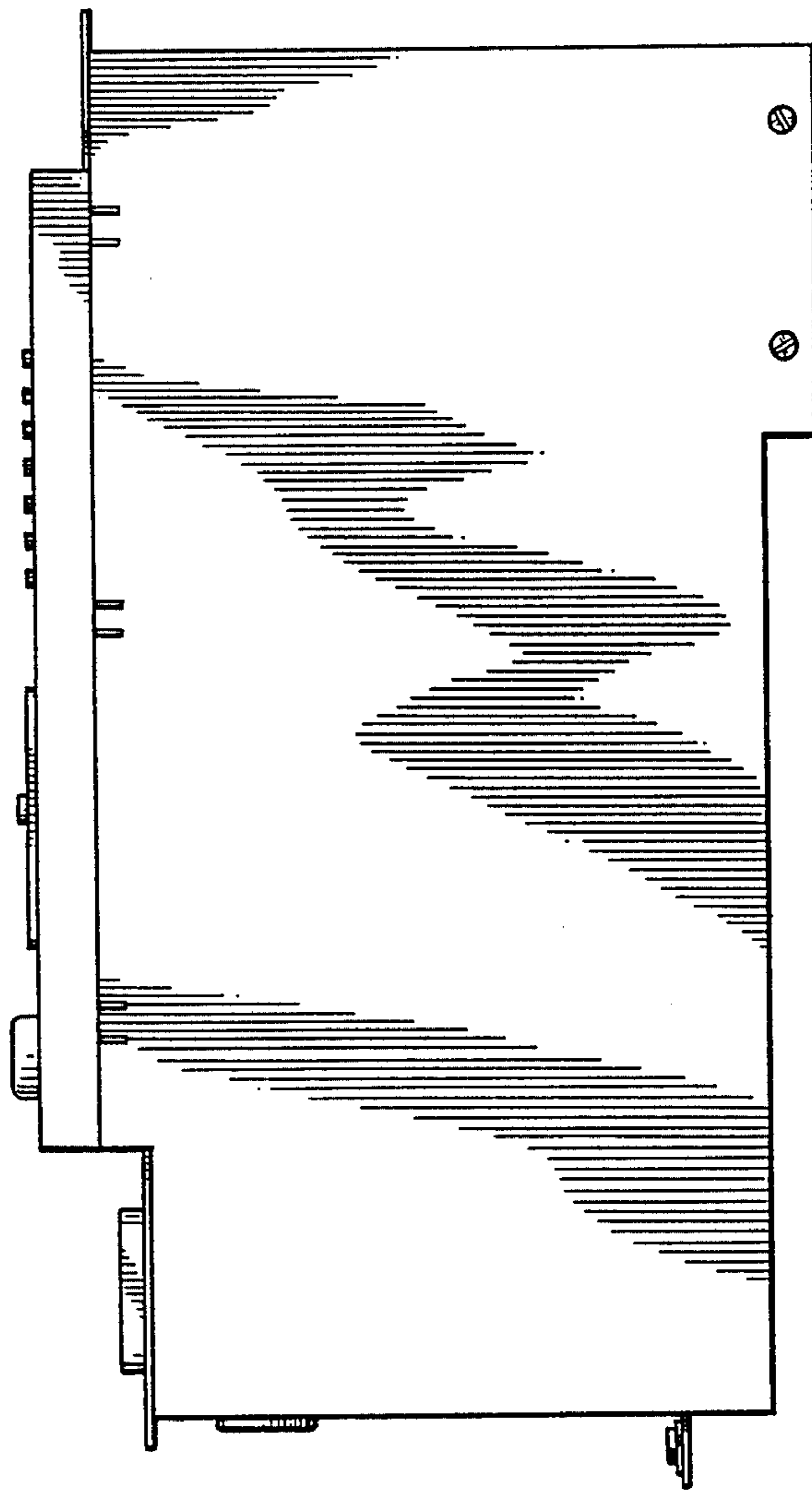


FIG. 4

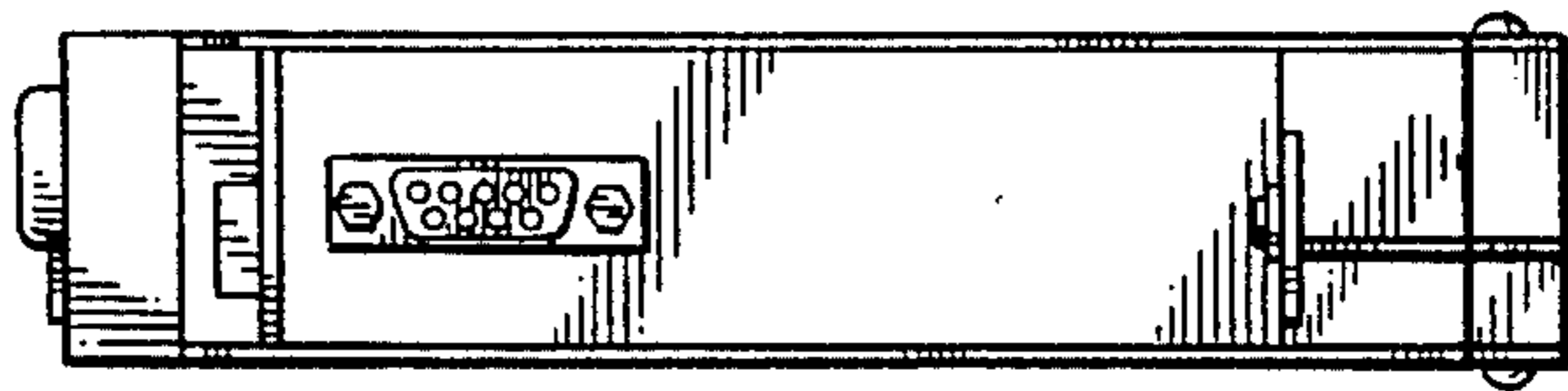


FIG. 5

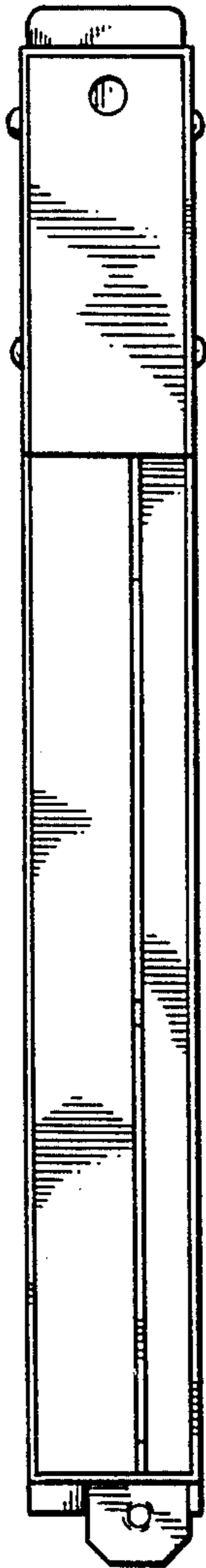


FIG. 6