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# United States Patent [19]

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Castagnoli

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[54] **STRESS GAUGE FORCE SENSING INSTRUMENT**

### FOREIGN PATENT DOCUMENTS

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2614698A 11/1988 France ..... 73/862.393

[73] Assignee: **Tractel S.A., France**

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*Attorney, Agent, or Firm*—William A. Drucker

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

### [57] CLAIM

[21] Appl. No.: **559,925**

The ornamental design for a stress gauge force sensing instrument, as shown and described.

[22] Filed: **Jul. 27, 1990**

### DESCRIPTION

### [30] Foreign Application Priority Data

Jan. 30, 1990 [FR] France ..... 900606

FIG. 1 is a top, front and right side perspective view of a stress gauge force sensing instrument showing my new design;

[52] U.S. Cl. .... **D10/83**

FIG. 2 is a front elevational view;

[58] Field of Search ..... **D10/83, 85, 86;**

FIG. 3 is a right side elevational view;

73/862.39, 862.392, 862.393, 800, 850, 862;

FIG. 4 is a left side elevational view;

356/33, 367

FIG. 5 is a top plan view;

FIG. 6 is a bottom plan view;

### [56] References Cited

#### U.S. PATENT DOCUMENTS

D. 264,444 5/1982 Muchenberger et al. .... **D10/83 X**

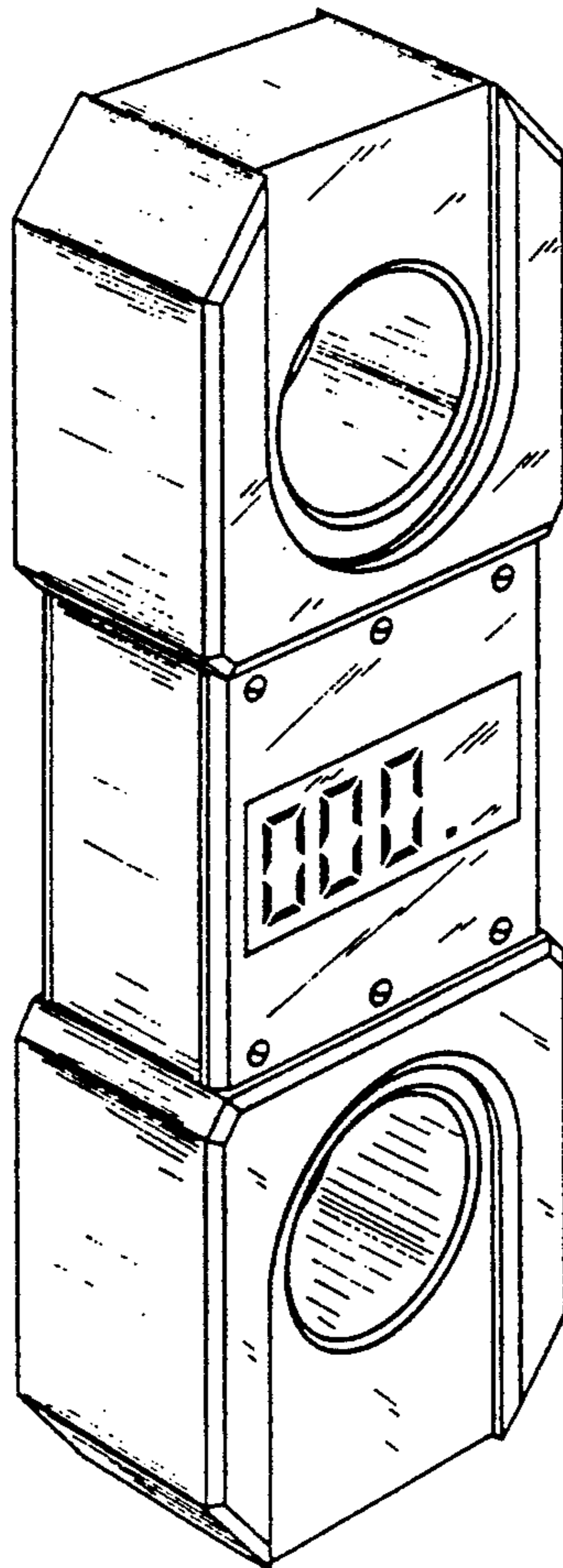
2,390,304 12/1945 Hitchen ..... 73/862.393 **X**

4,059,012 11/1977 Pietzsch et al. .... 73/862.392 **X**

FIG. 7 is a rear elevational view thereof;

FIG. 8 is a perspective view taken from the right side of FIG. 2; and,

FIG. 9 is a perspective view taken from the left side of FIG. 2.



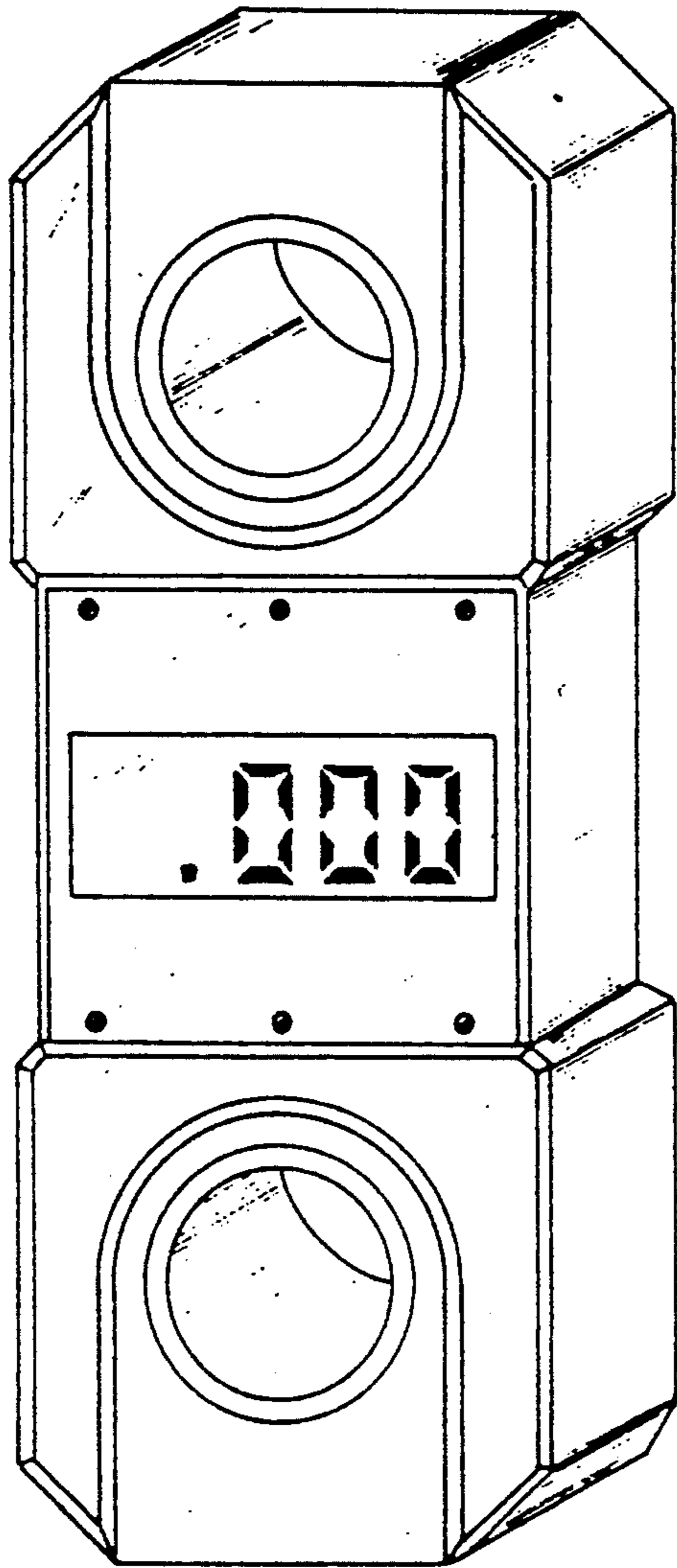


FIG. 1

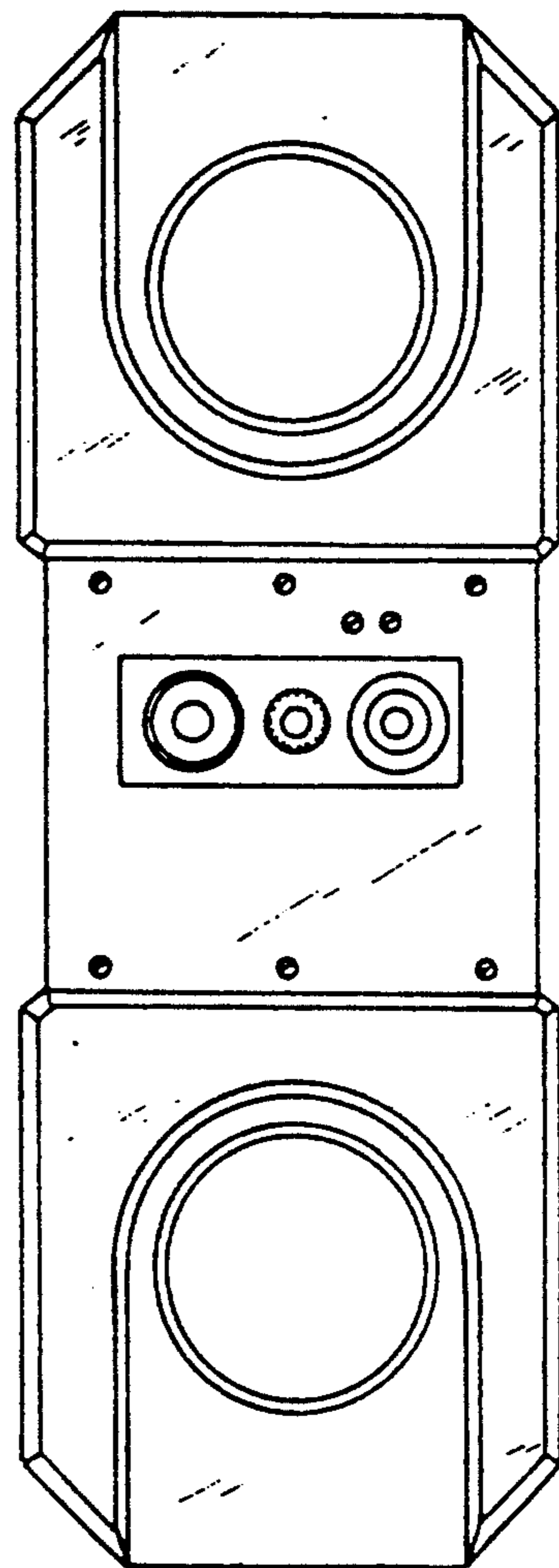


FIG. 7

FIG. 6

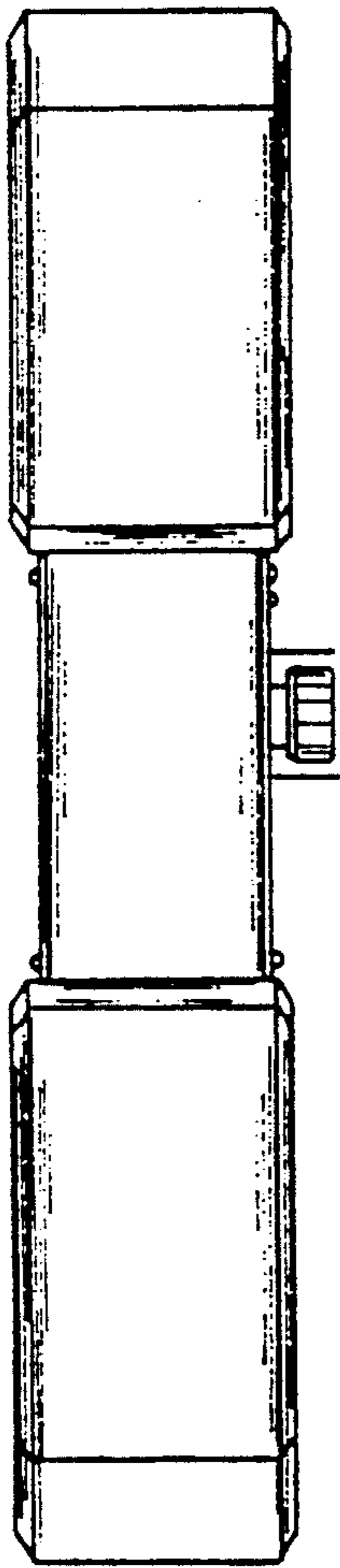
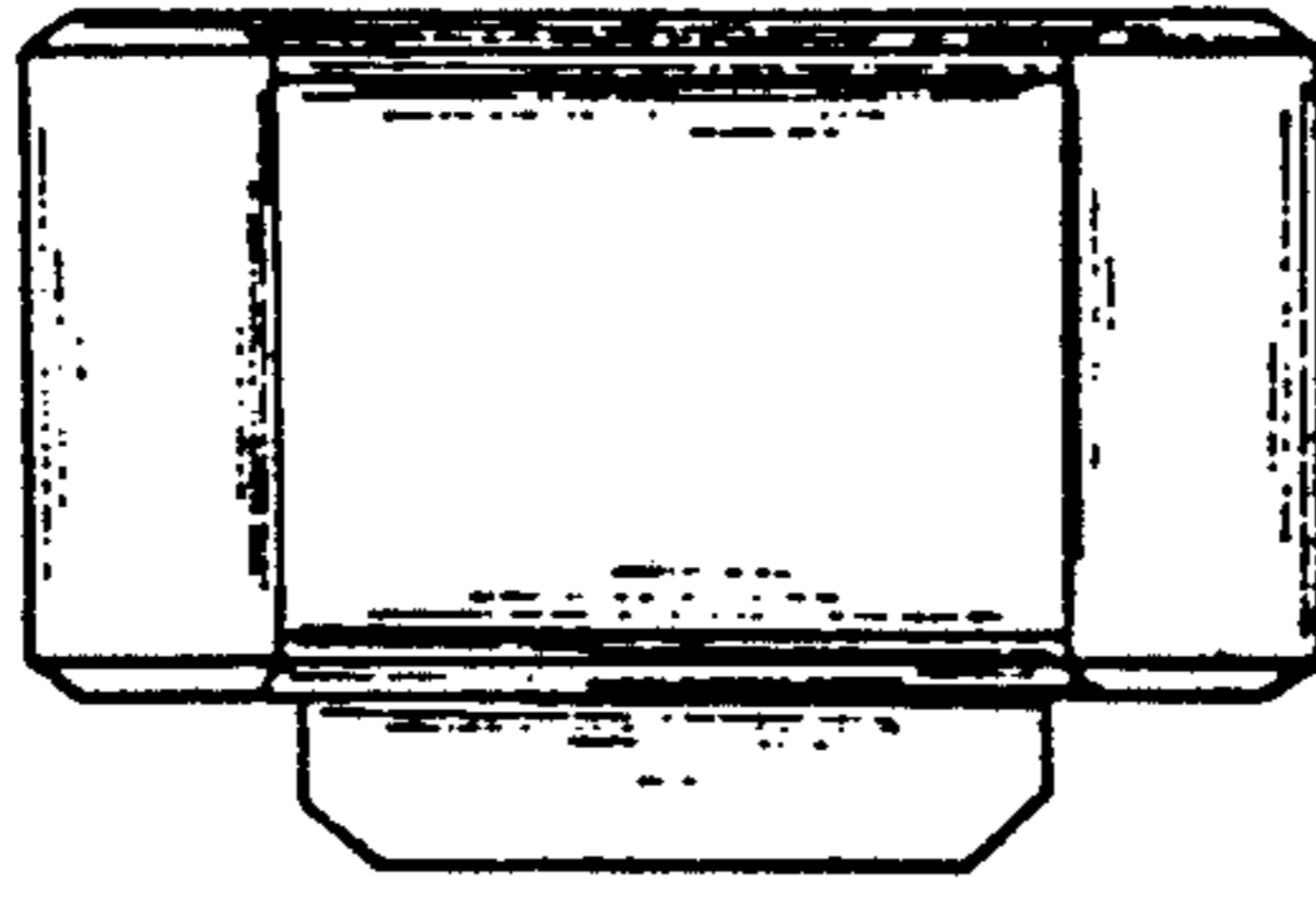


FIG. 3

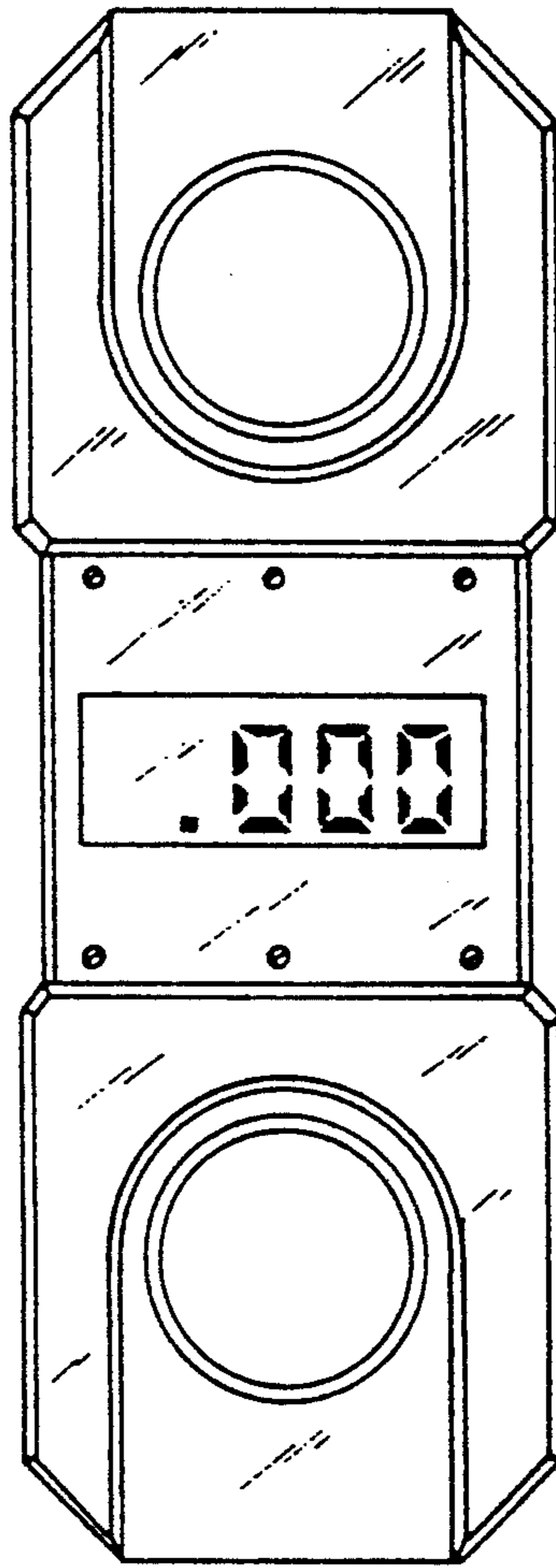


FIG. 2

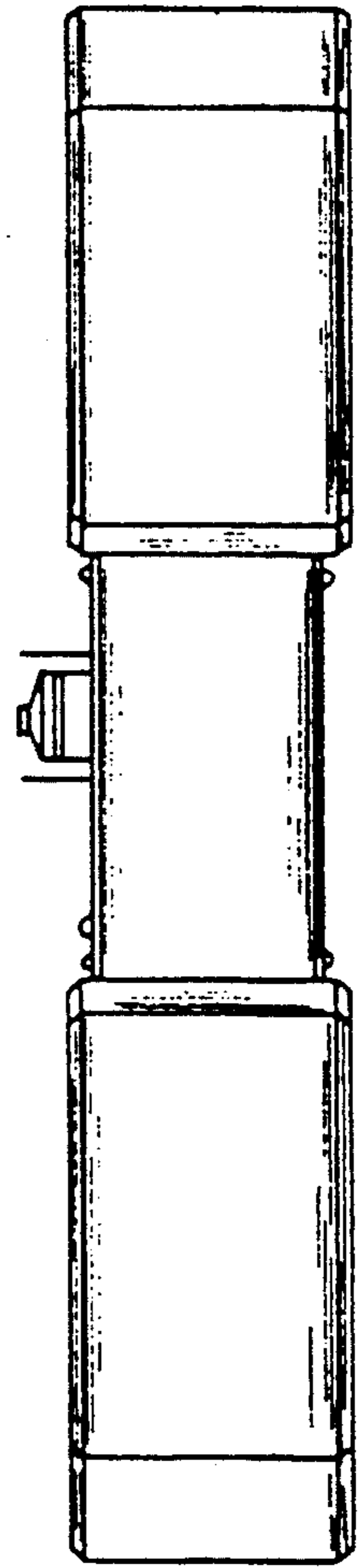
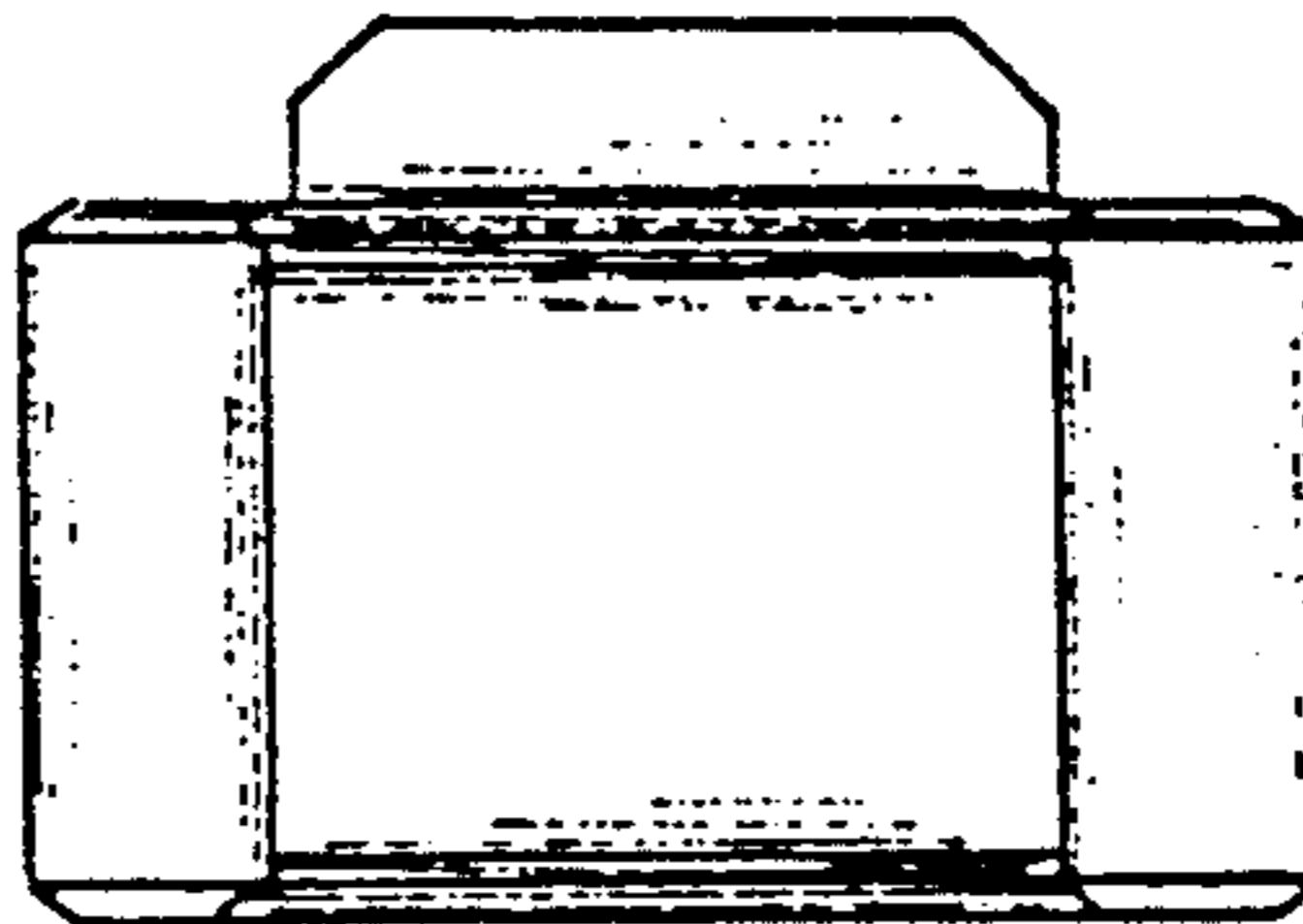


FIG. 4

FIG. 5





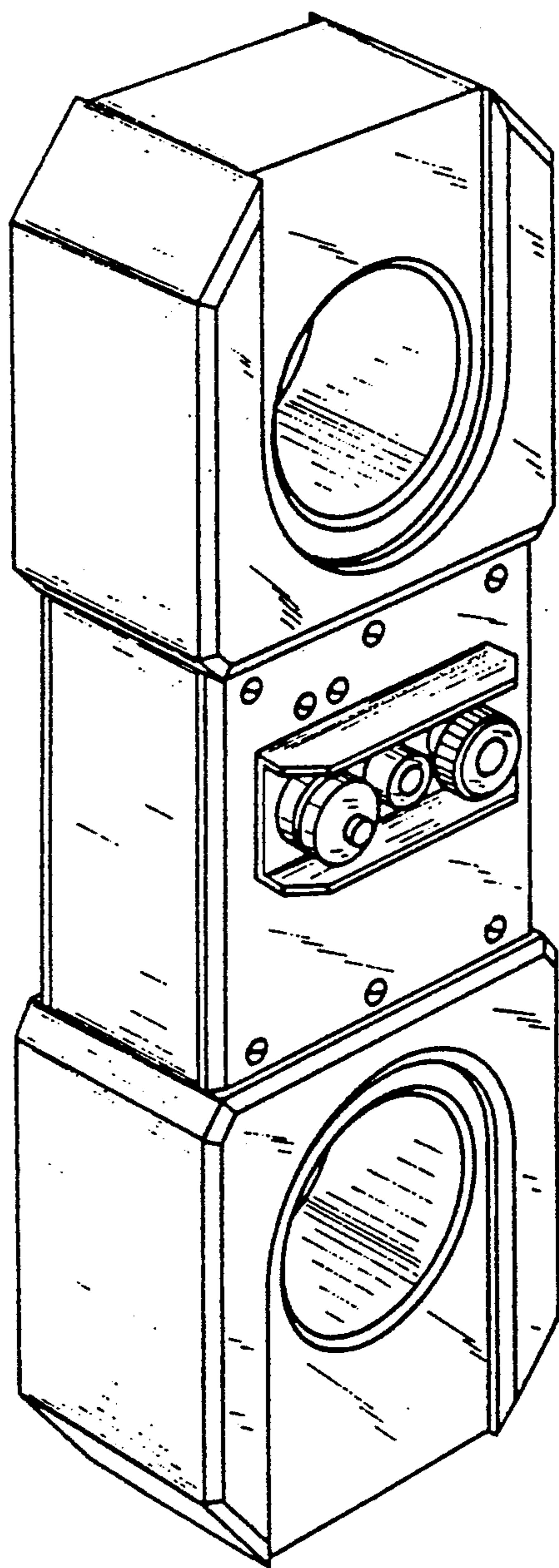


FIG. 8

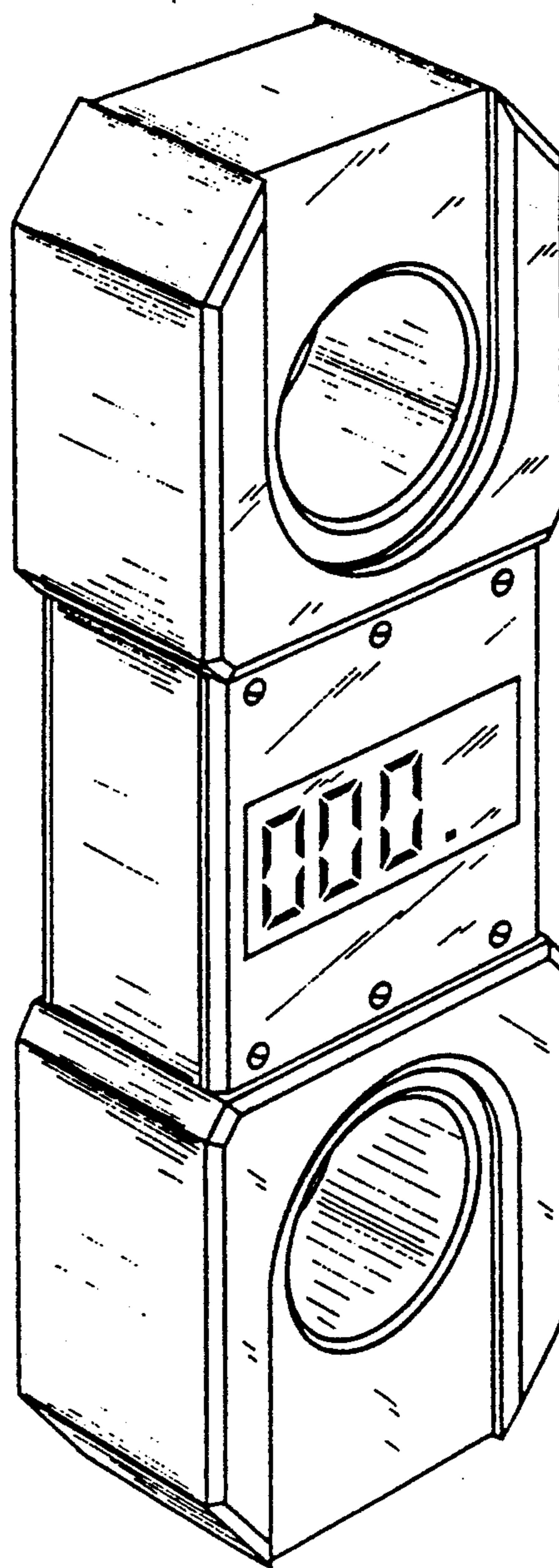


FIG. 9