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United States Patent [19]

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Dotterman et al.

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[54] **DENTAL MATERIAL CURING APPARATUS**

[75] Inventors: **Perry S. Dotterman, Maplewood; Carl S. Ahlberg, Minneapolis, both of Minn.**

[73] Assignee: **Minnesota Mining and Manufacturing Company, St. Paul, Minn.**

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

[21] Appl. No.: **742,701**

[22] Filed: **Aug. 8, 1991**

[52] U.S. Cl. **D24/177**

[58] Field of Search 433/25, 29, 49, 52-53, 433/60, 118, 126, 131-133; D24/176-182, 185, 108, 234

Demetron Brochure, Demetron Research Corporation, copyright date unknown.

Max Brochure, L. D. Caulk Division, Dentsply International, Inc., copyright 1988.

Visilux II Brochure, 3M Company, 3M Deutschland GmbH, copyright date unknown.

Visilux 2 Brochure, 3M Company, copyright 1987.

Visilux 2 Field Service Handbook, 3M Company, pp. 2-1 to 2-5 and 6-1 to 6-5, copyright Sep. 1990.

Executor Brochure, Pro-Den Systems, Inc. copyright date unknown.

Executor, Poly-Fil Brochure, Pro-Den Systems, Inc. copyright date unknown.

Translux CL Brochure, Kulzer & Co. GmbH copyright 1984.

Premierlite Brochure, Premier Dental Products Co., ESPE-Premier Sales Corp. copyright date unknown.

ESPE Elipar II Brochure, Fabrik Pharmazeutischer Preparate GmbH & Co., KG, copyright date unknown.

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[57] **CLAIM**

The ornamental design for a dental material curing apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a top, front and right side perspective view of a dental material curing apparatus showing our new design;

FIG. 2 is a reduced front elevational view thereof;

FIG. 3 is a reduced rear elevational view thereof;

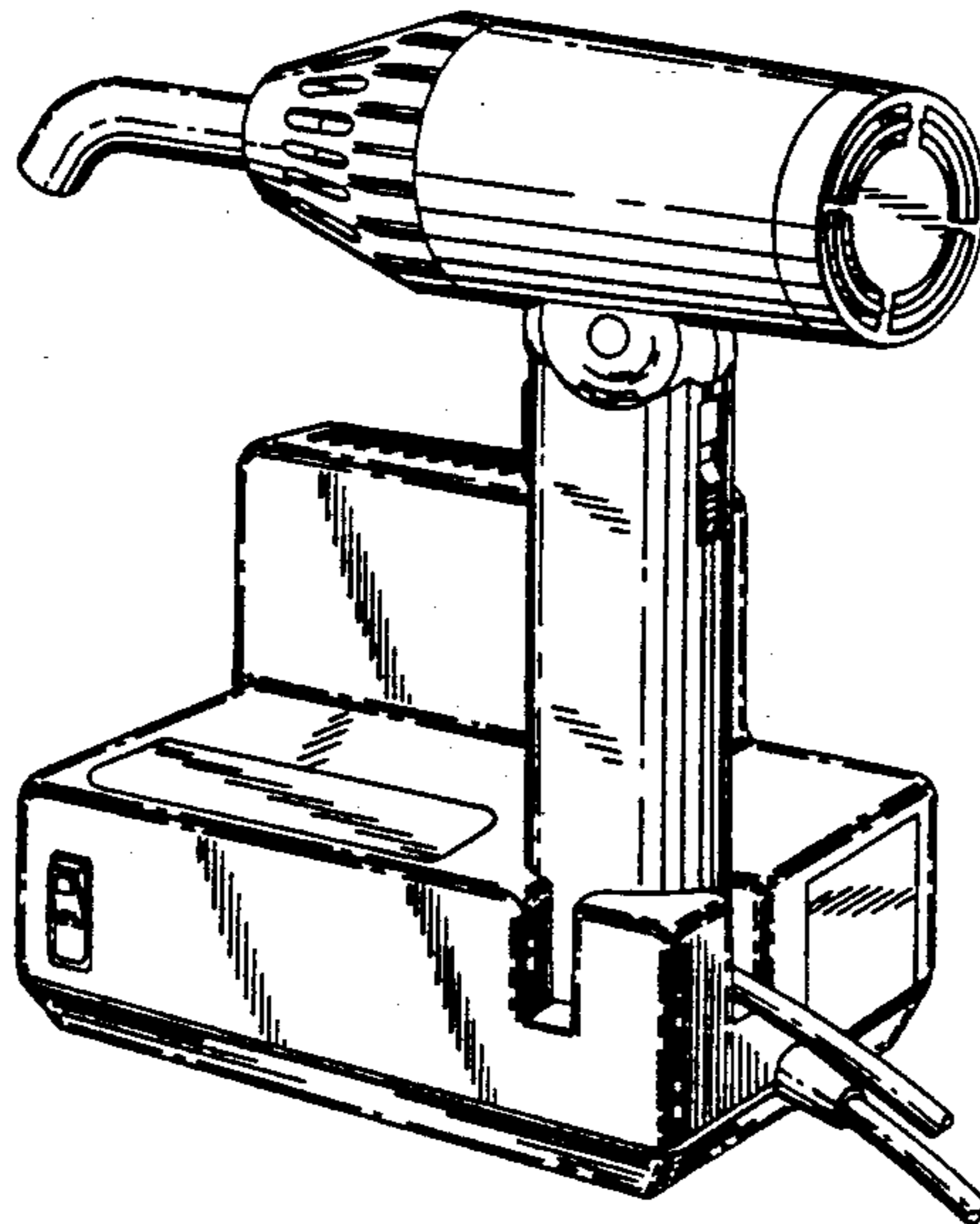
FIG. 4 is a reduced plan view thereof;

FIG. 5 is a reduced bottom view thereof;

FIG. 6 is a reduced right side elevational view thereof;

and,

FIG. 7 is a reduced left side elevational view thereof.



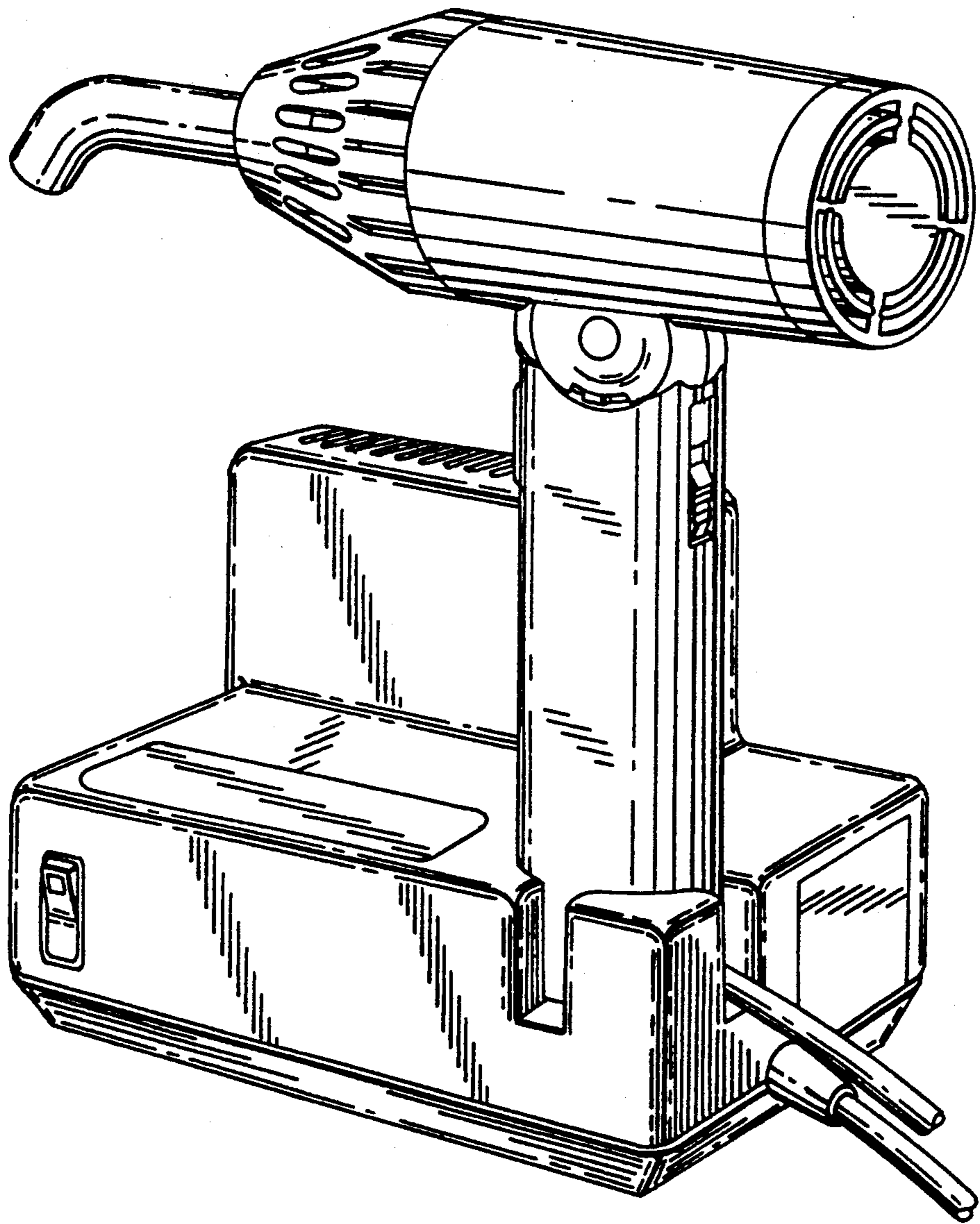


Fig. 1

Fig. 3

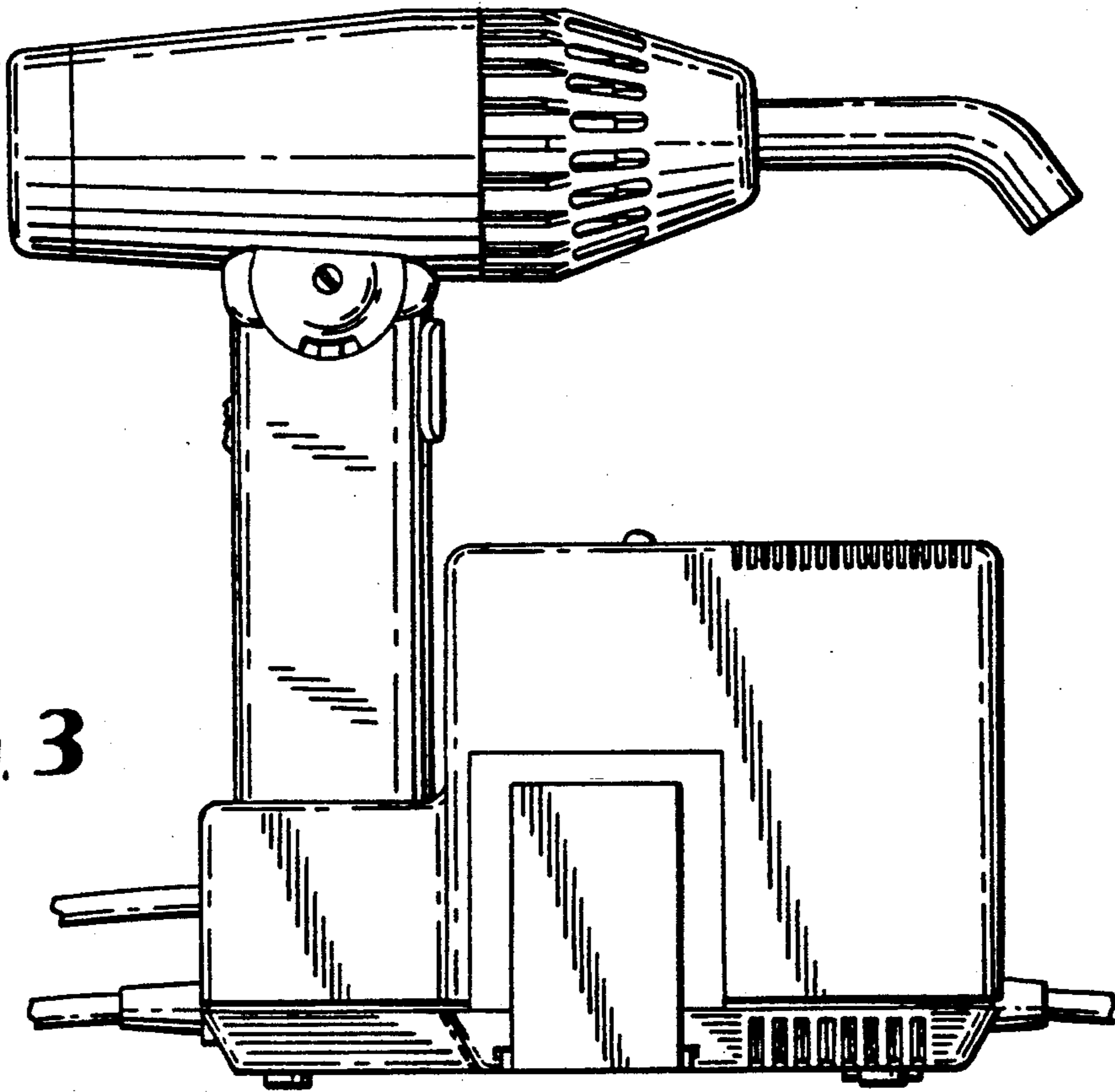
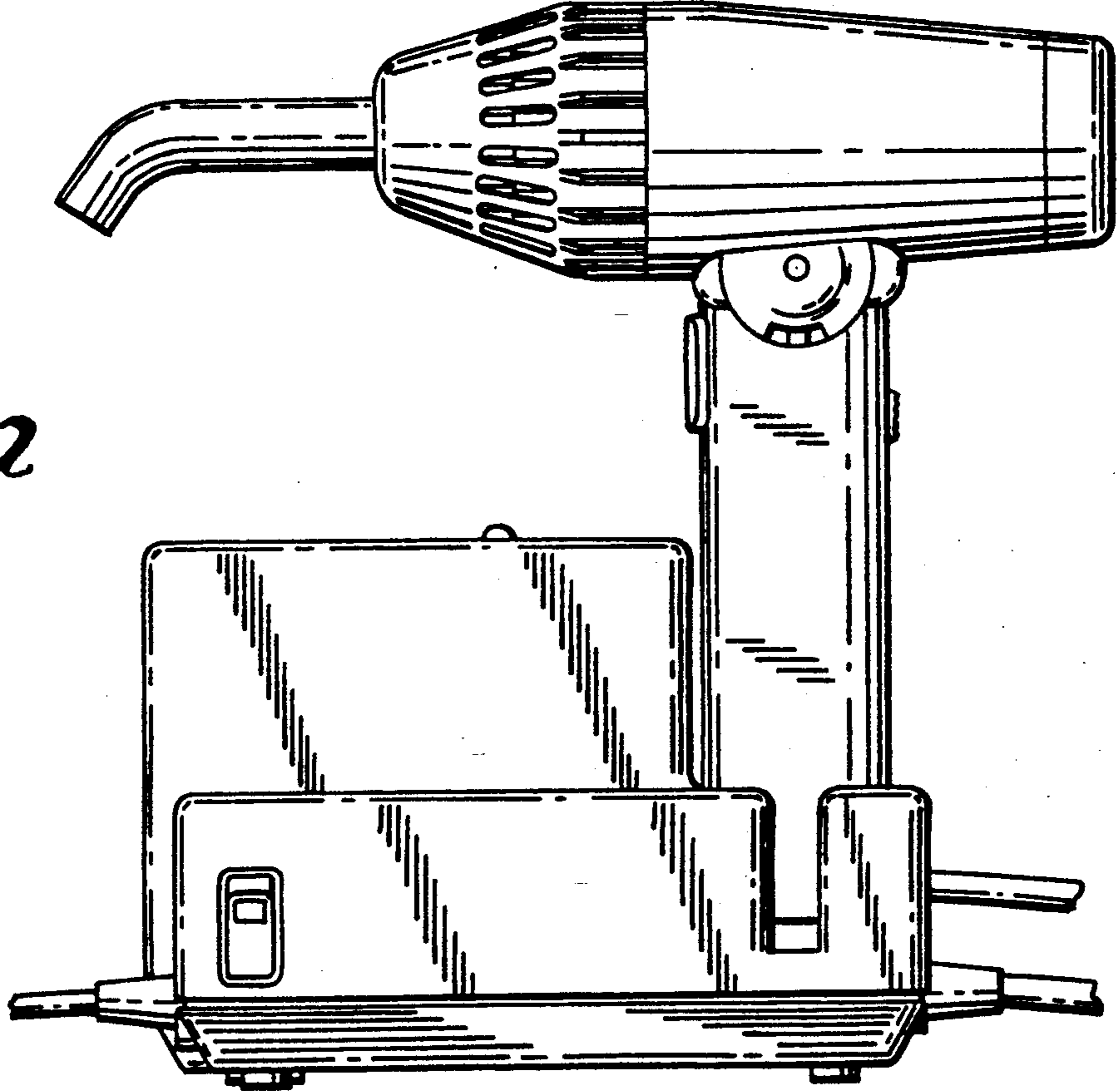


Fig. 2



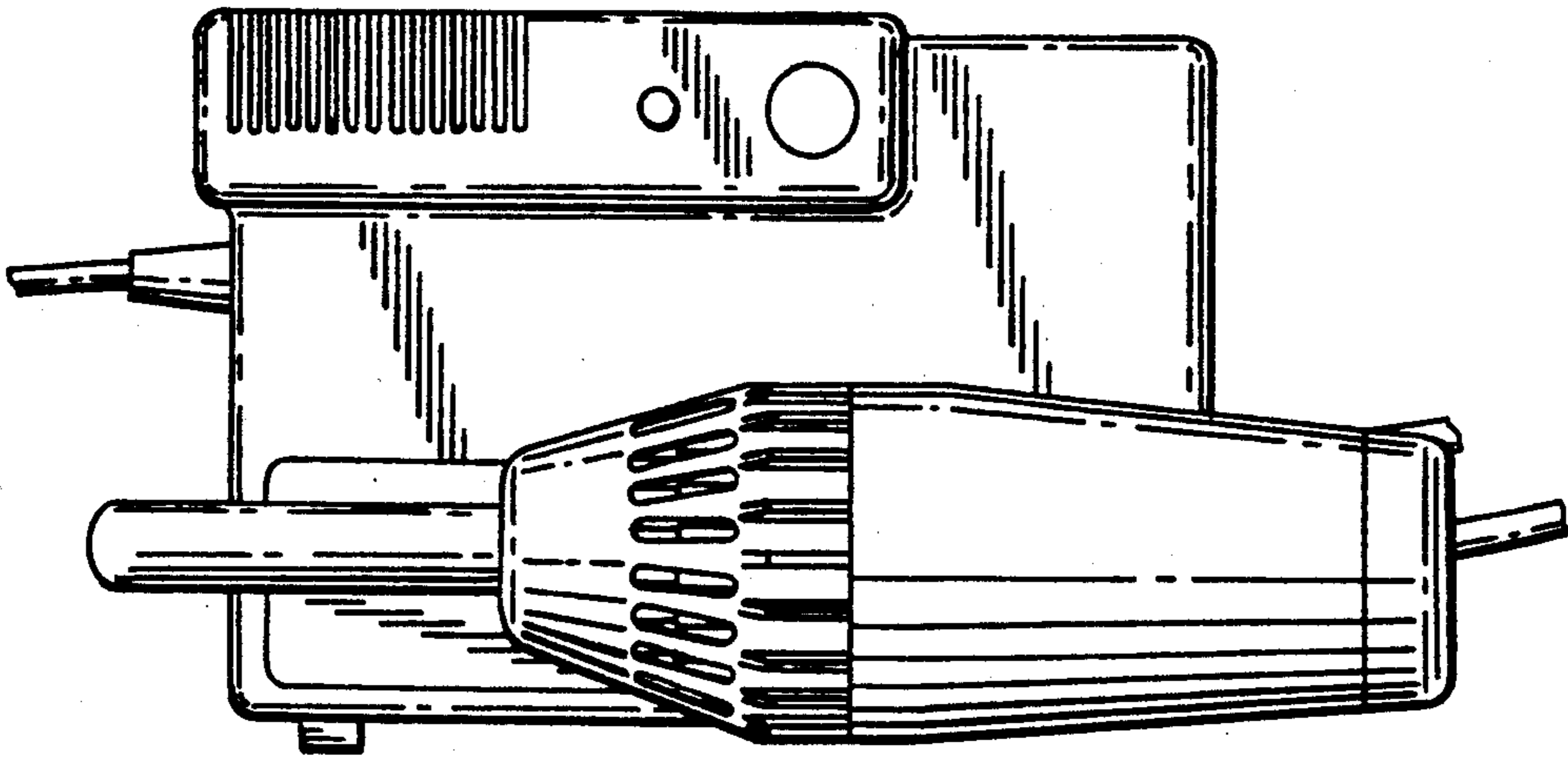


Fig. 4

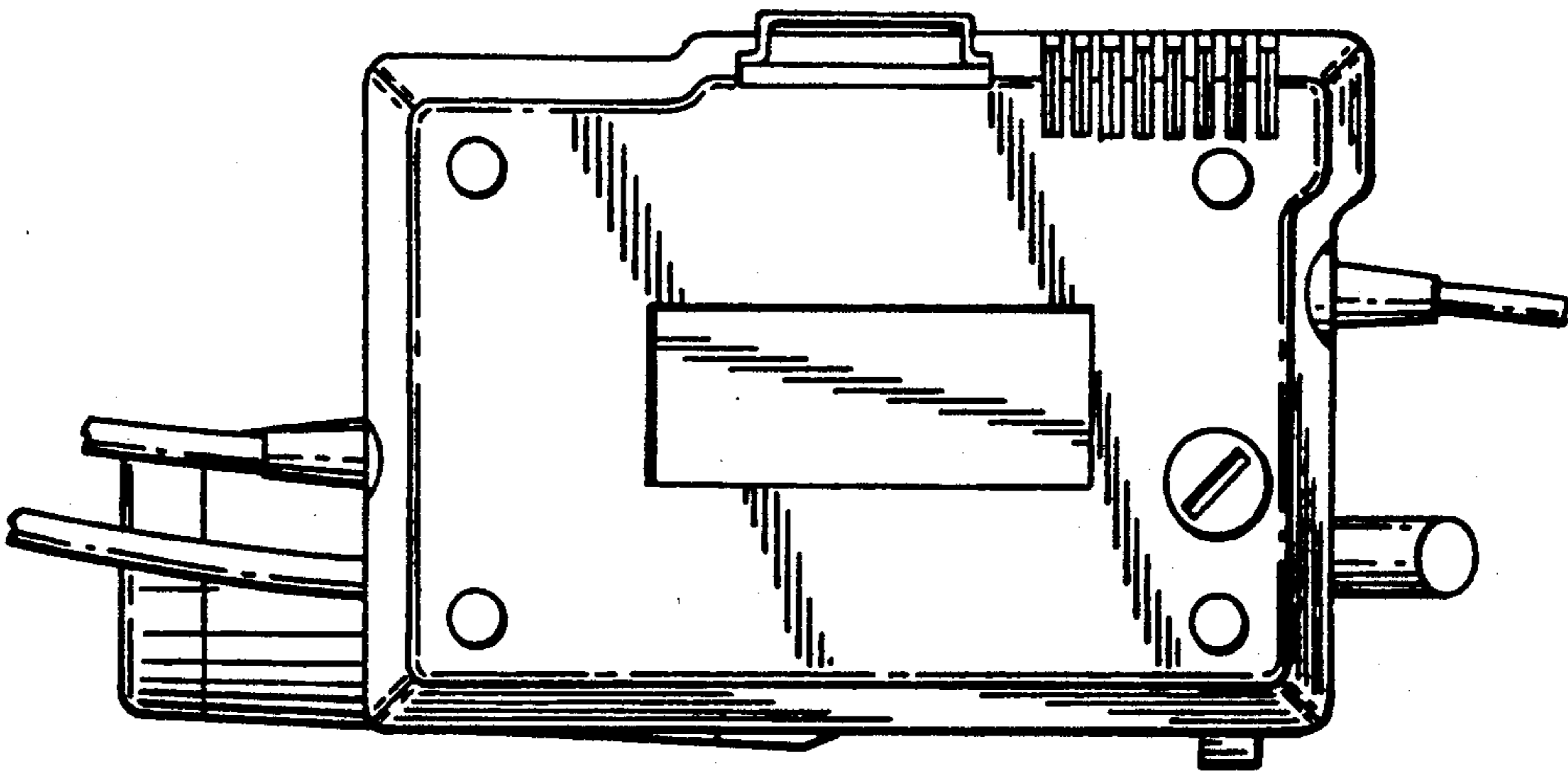


Fig. 5

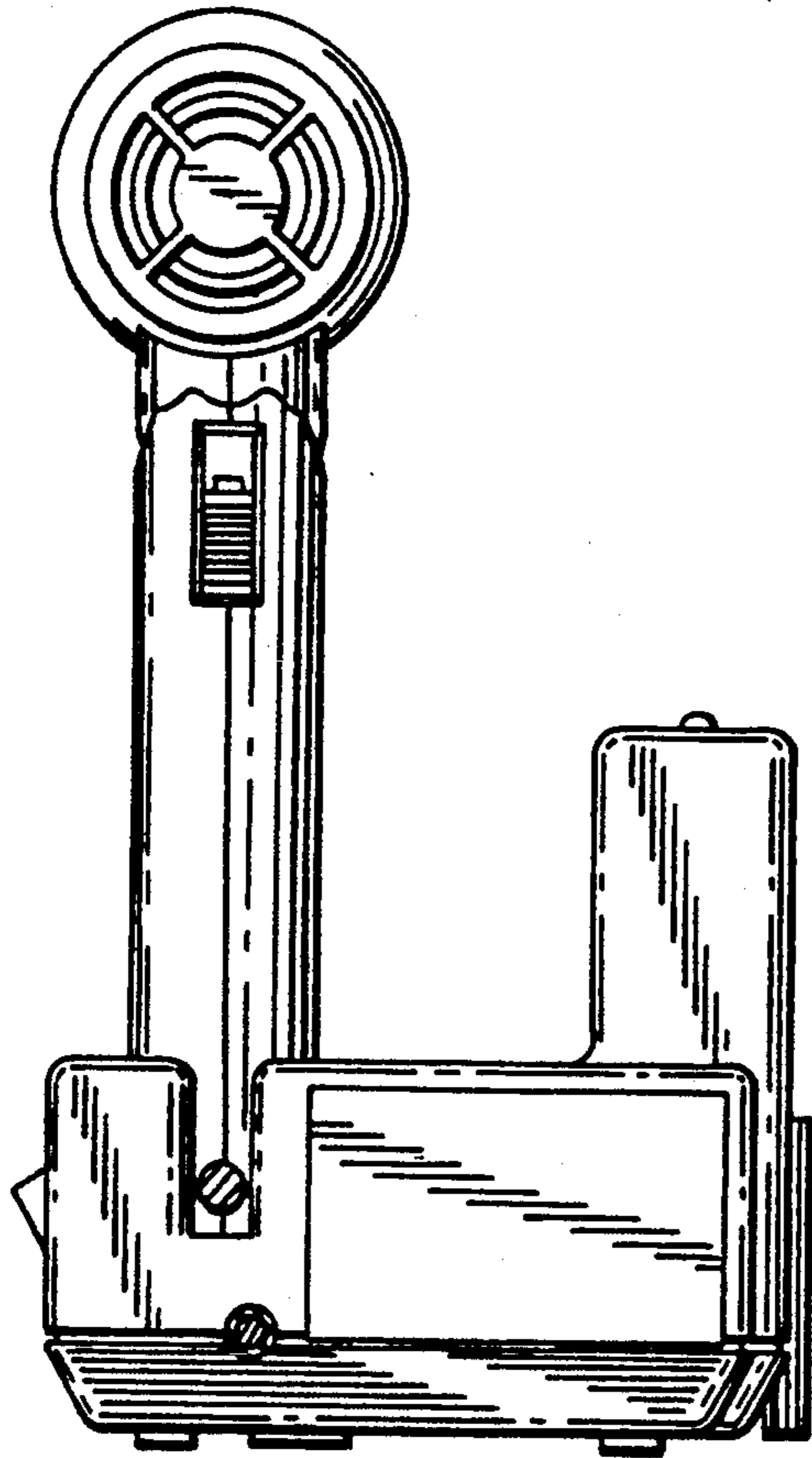


Fig. 6

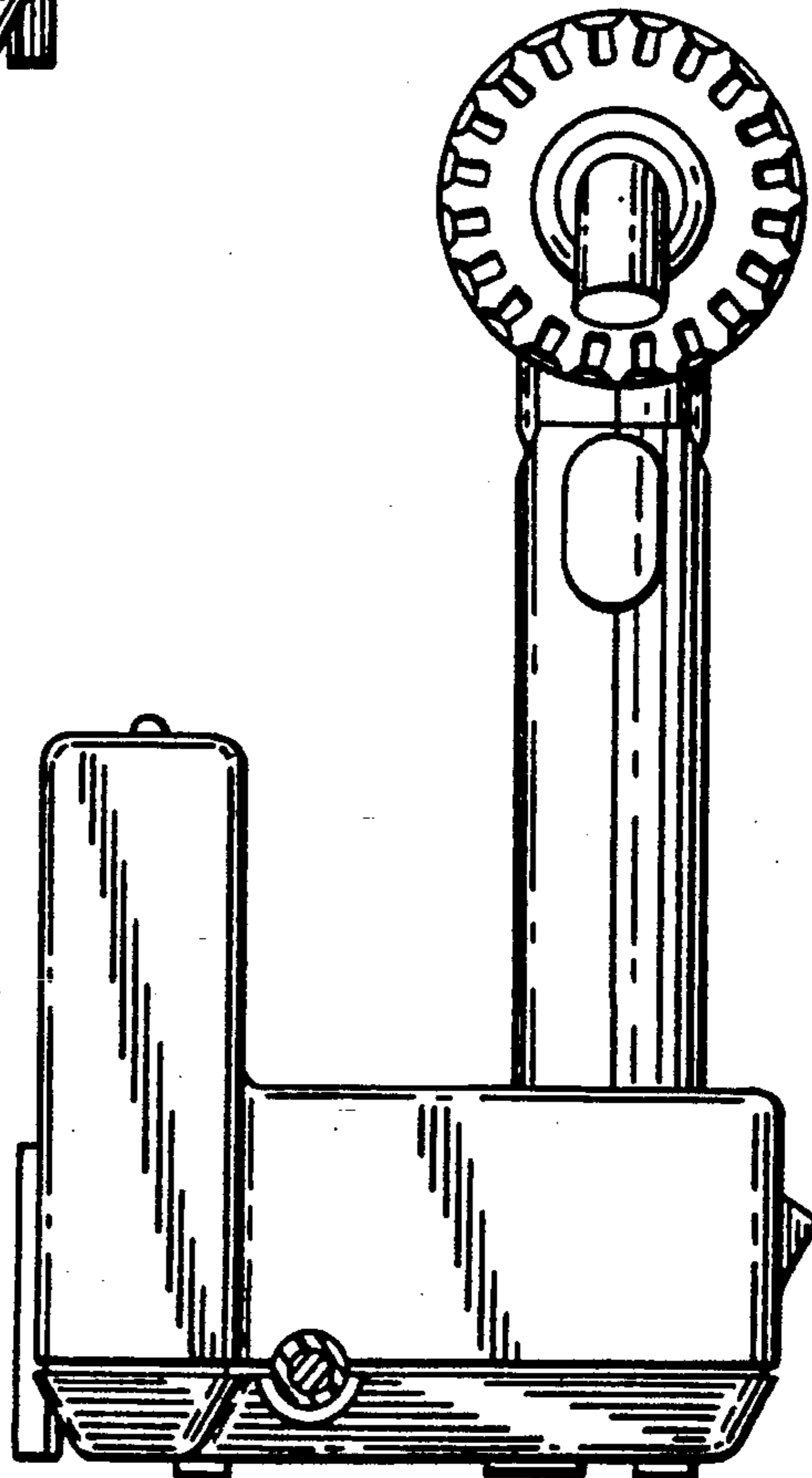


Fig. 7