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United States Patent [19]

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Mueller

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[54] **SOLAR ACTIVATED OPENING AND CLOSING DEVICE FOR USE WITH VERTICAL BLINDS**

4,956,588 9/1990 Ming 318/16
4,958,112 9/1990 Zerillo 318/16

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

[57] **CLAIM**

[21] Appl. No.: **25,085**

The ornamental design for a solar activated opening and closing device for use with vertical blinds, as shown and described.

[22] Filed: **Jun. 27, 1994**

[52] U.S. Cl. **D6/580; D6/577**

DESCRIPTION

[58] **Field of Search** D6/575-581; D13/101, D13/102; 49/25; 136/245, 248; 160/1, 5, 7, 19, 38, 39, 168.1 P, 176.1 P, 178.1 R, 178.1 V, 330, 331, 902; 318/280-286, 466-470, 480

FIG. 1 is a front, top and side perspective view of the solar activated opening and closing device for use with vertical blinds showing my new design;

FIG. 2 is a front elevational view thereof, the rear being a mirror image of the front shown in FIG. 2;

FIG. 3 is a side elevational view thereof;

FIG. 4 is a side elevational view thereof;

FIG. 5 is a top plan view thereof; and,

FIG. 6 is a bottom plan view thereof.

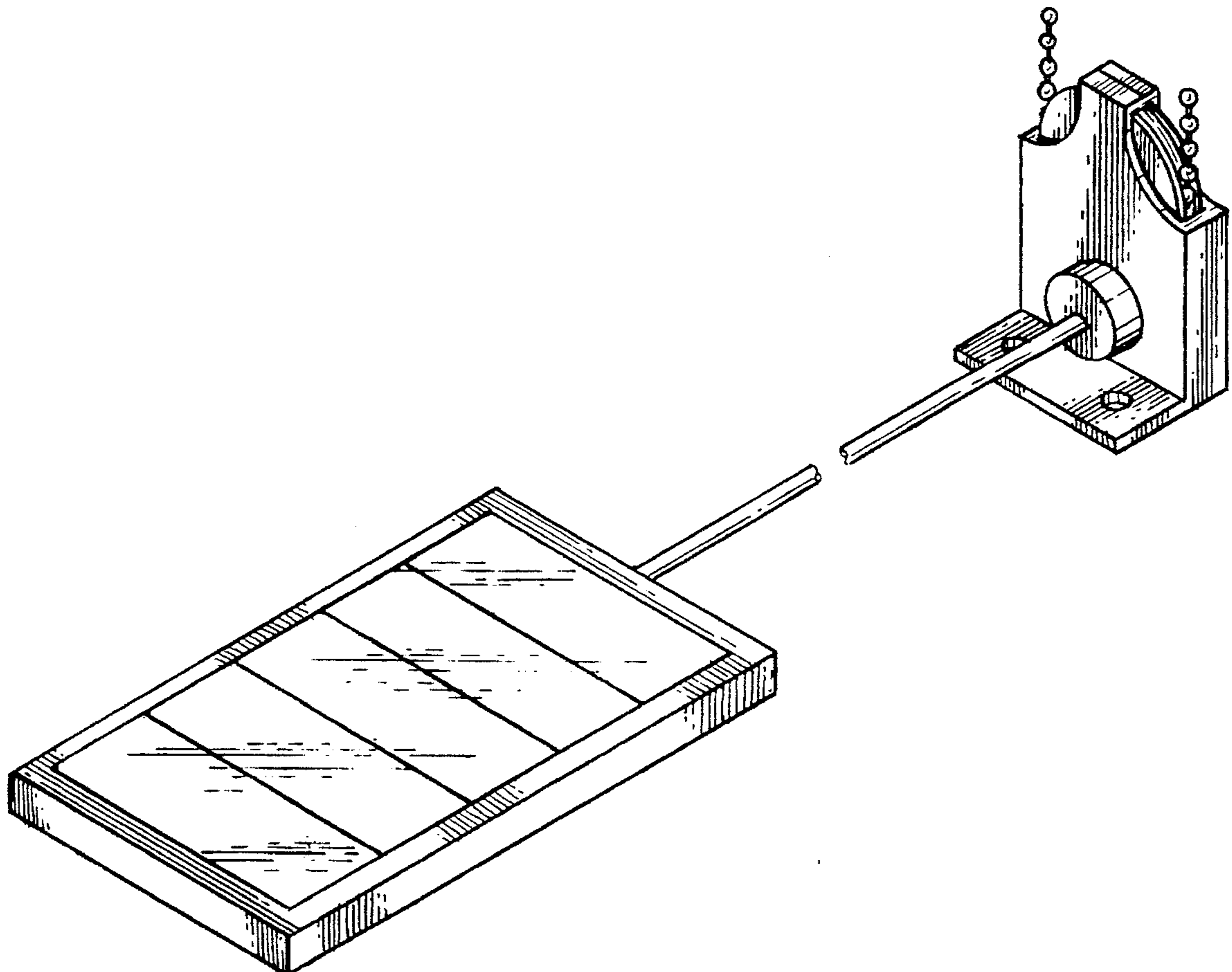
The chain is partially shown for the sake of convenience. The chain and conduit are shown broken away to indicate indeterminate length.

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 277,844	3/1985	Toews	.....	D13/102
D. 289,956	3/1987	Wadleigh	.....	D13/102
D. 311,722	10/1990	Cheng	.....	D13/102
2,917,795	12/1959	Brown	.....	49/25
3,064,131	11/1962	Brown	.....	49/25 X
4,914,360	4/1990	Hsieh	.....	318/16

1 Claim, 3 Drawing Sheets



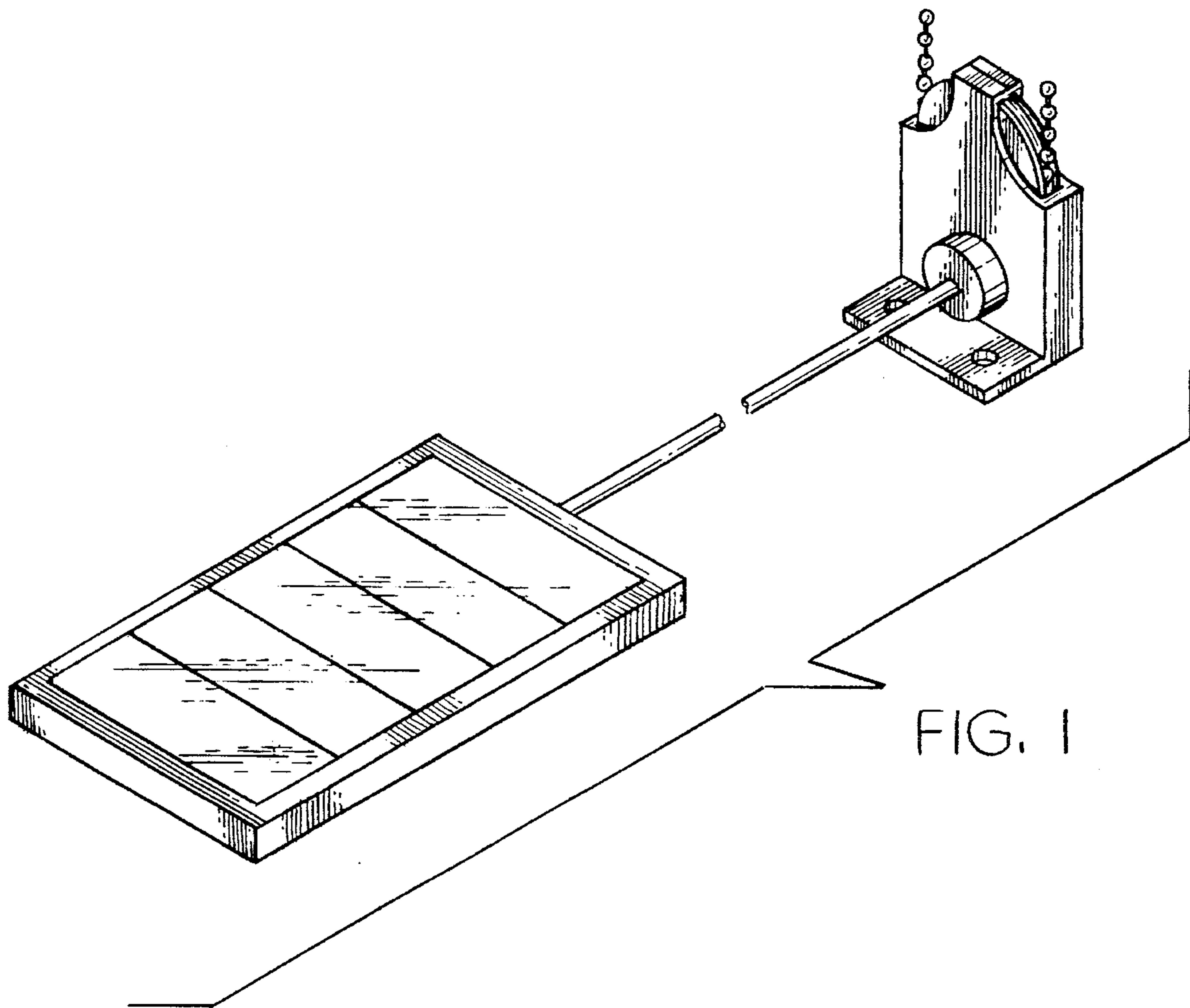


FIG. 1

FIG. 2

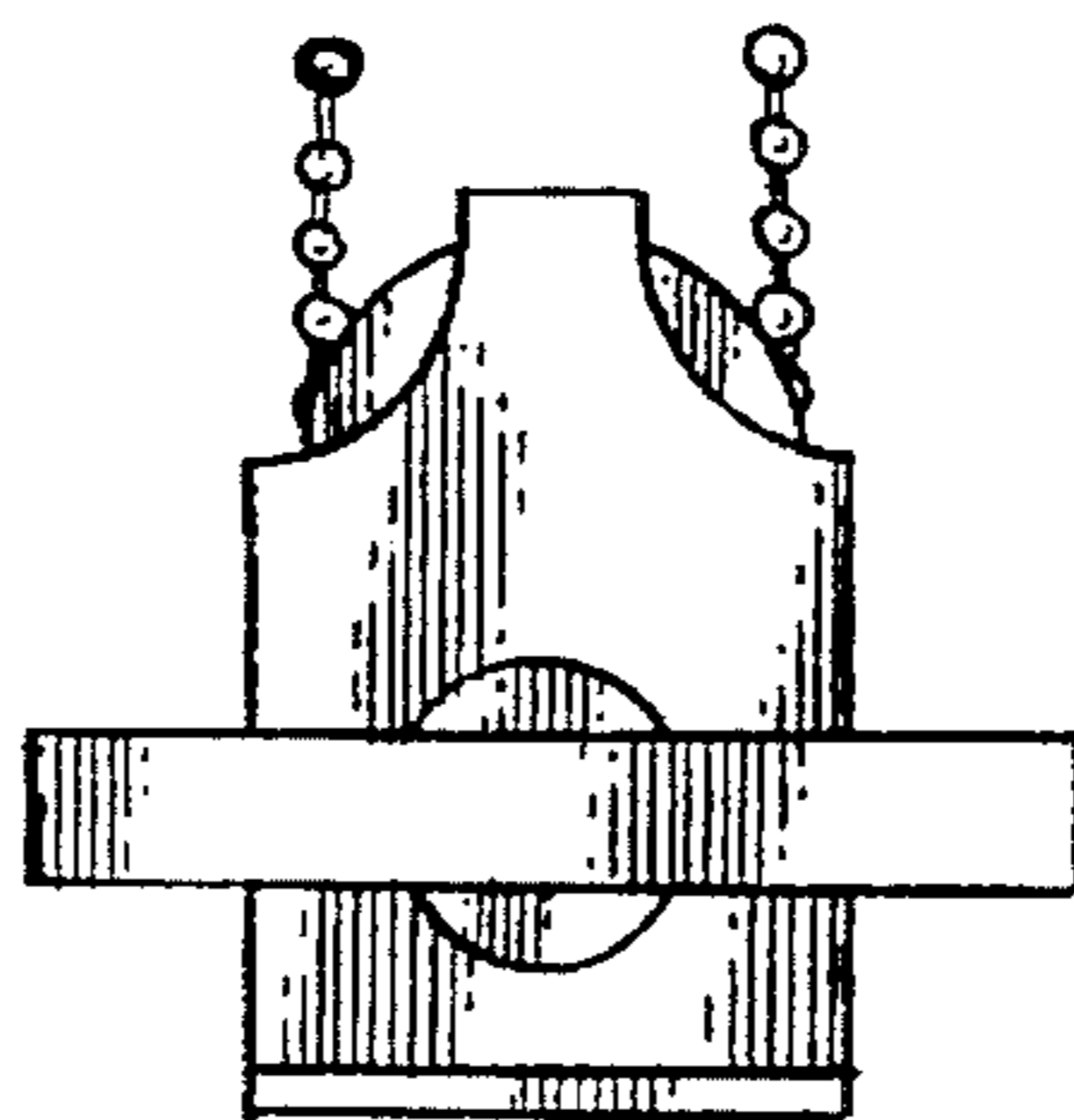
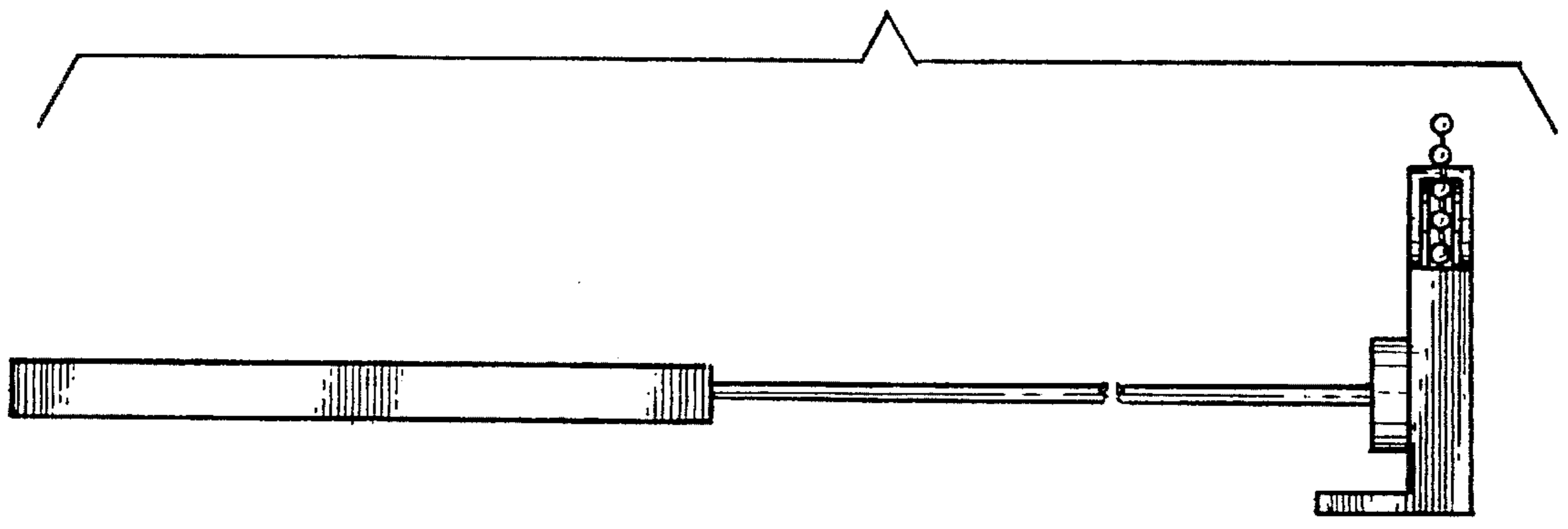


FIG. 3

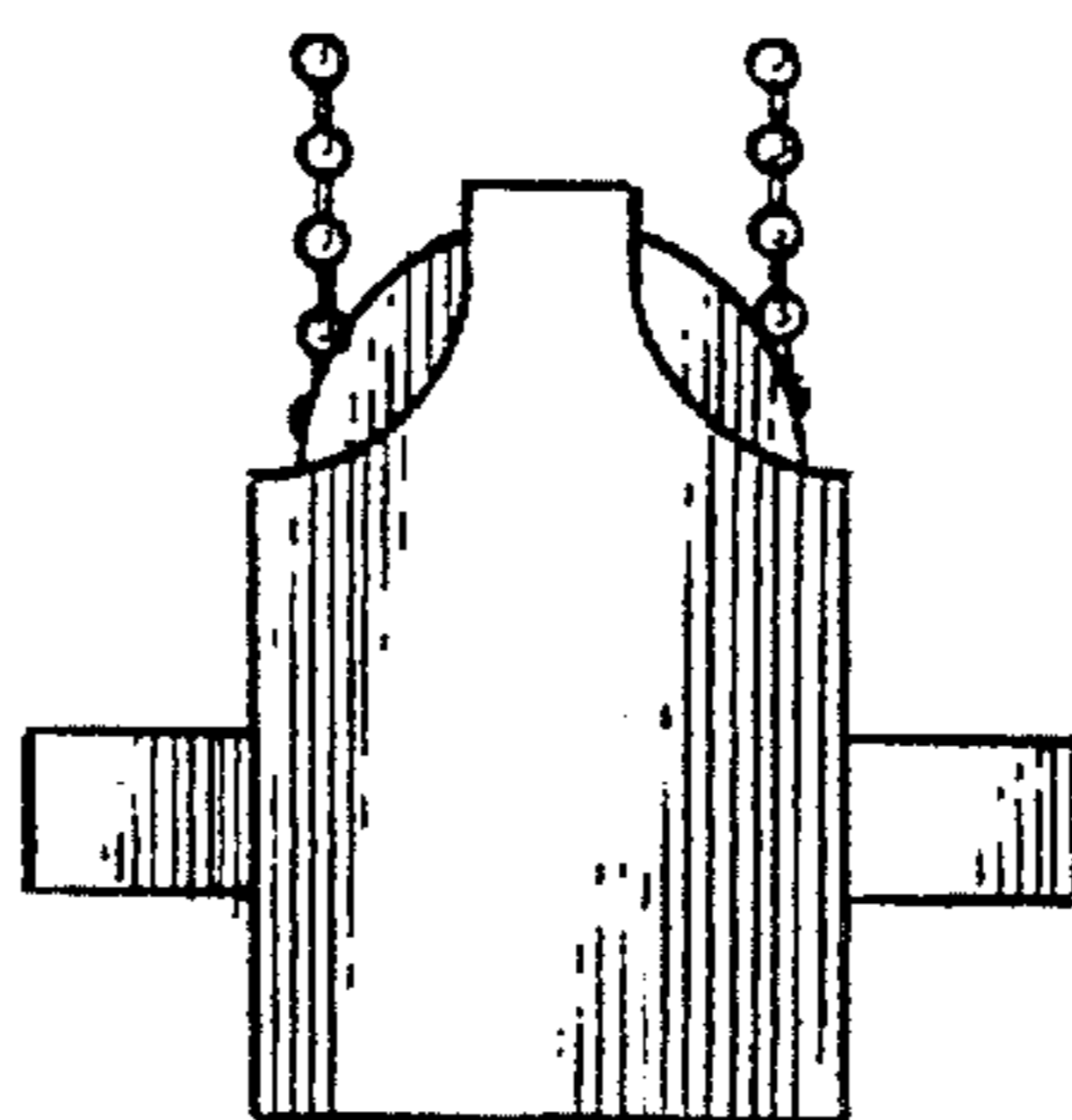


FIG. 4

FIG. 5

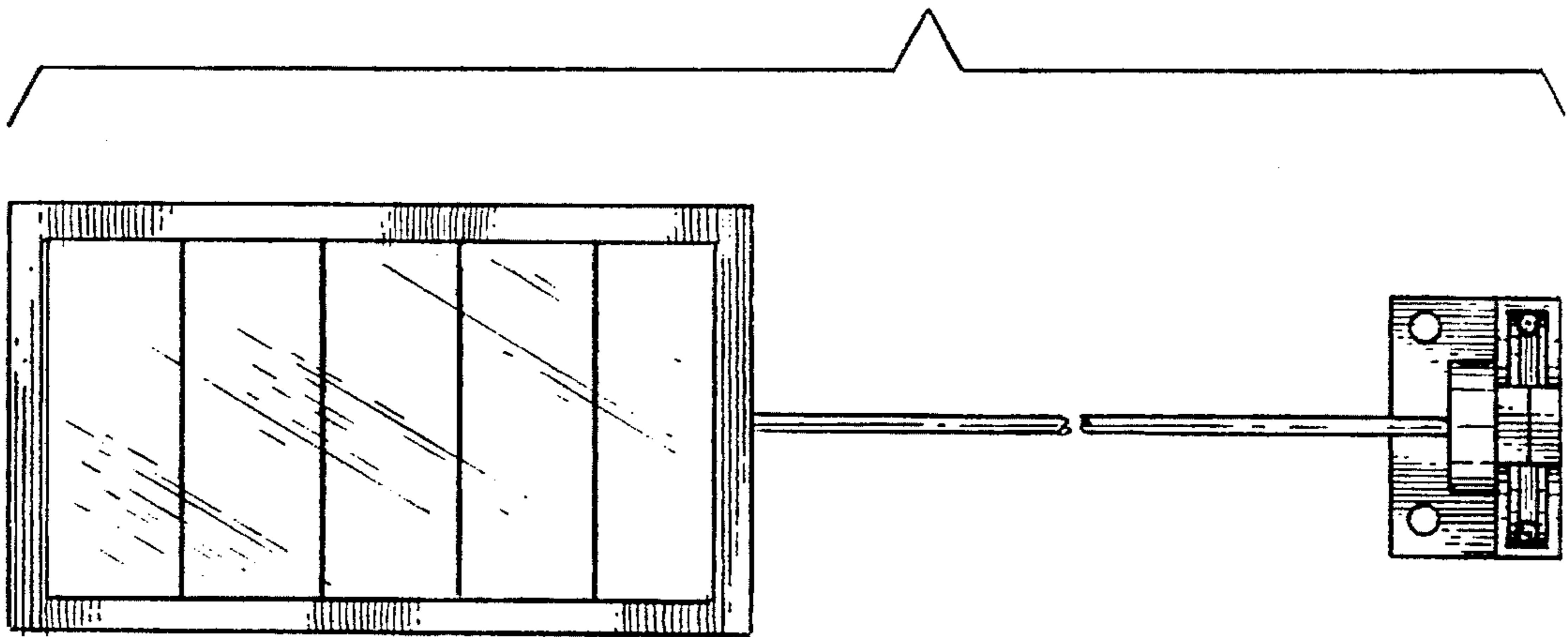


FIG. 6

