

(No Model.)

W. M. SUMEREL.

TABLE.

No. 370,747

Patented Sept. 27, 1887.

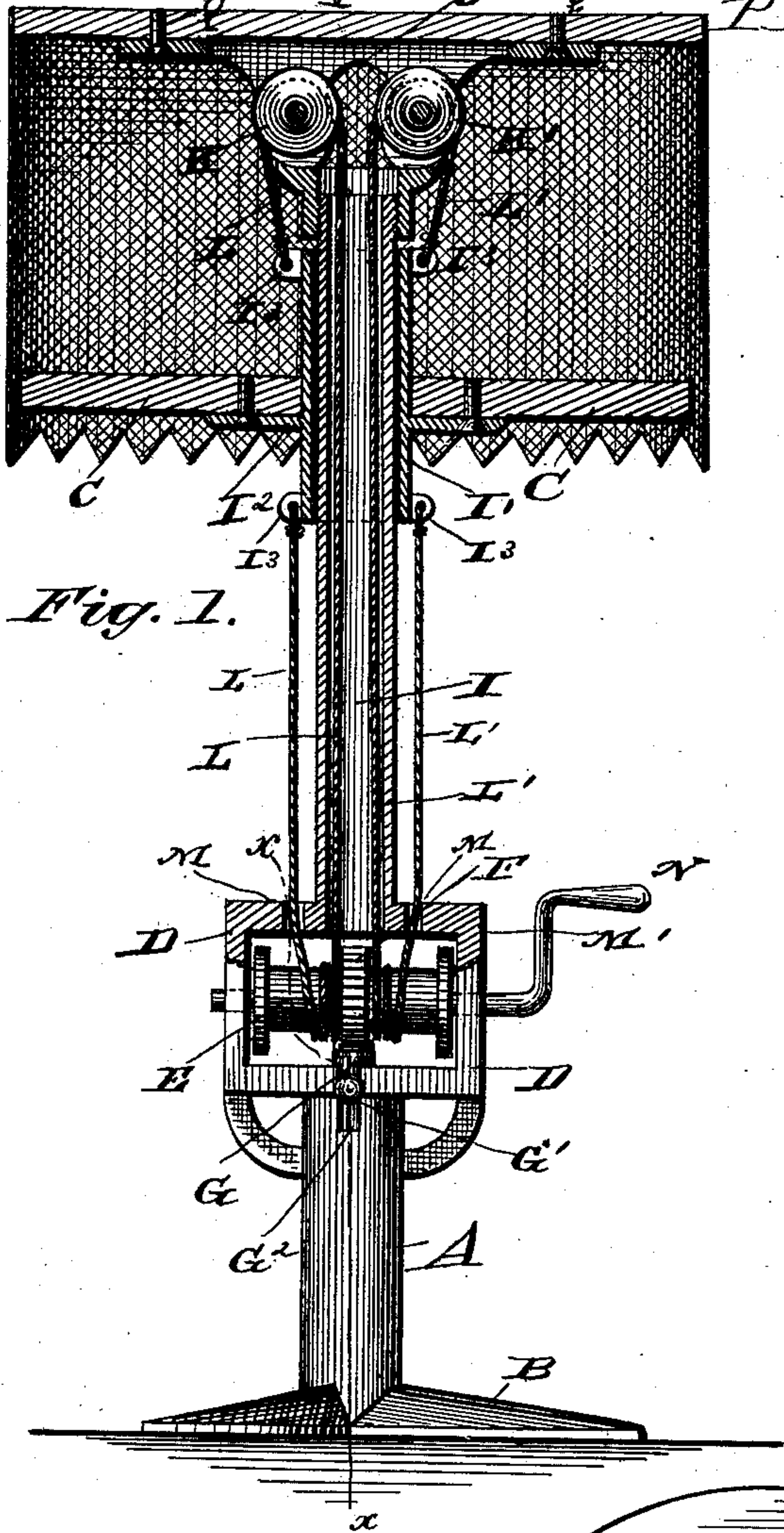


Fig. 1.

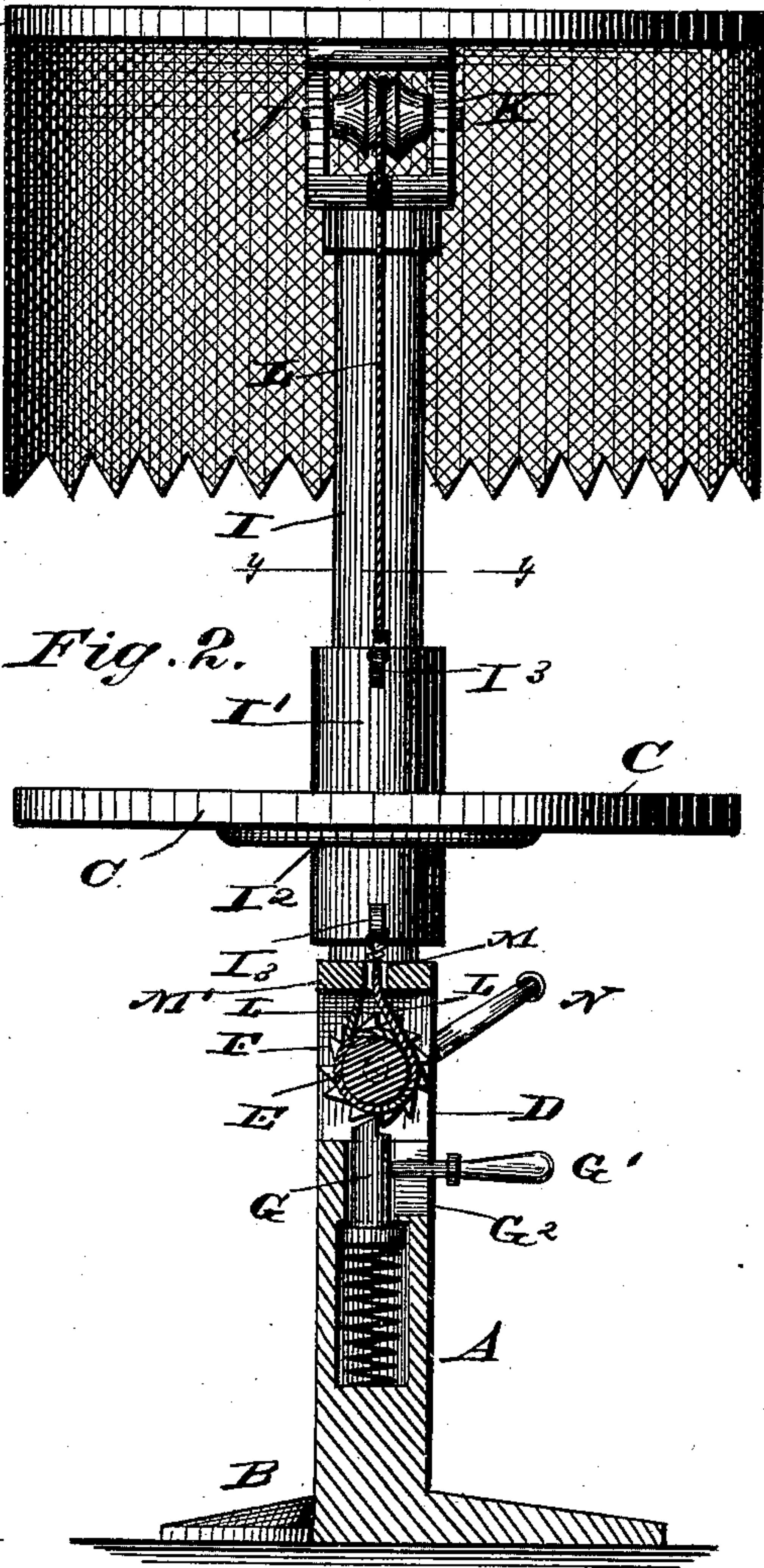
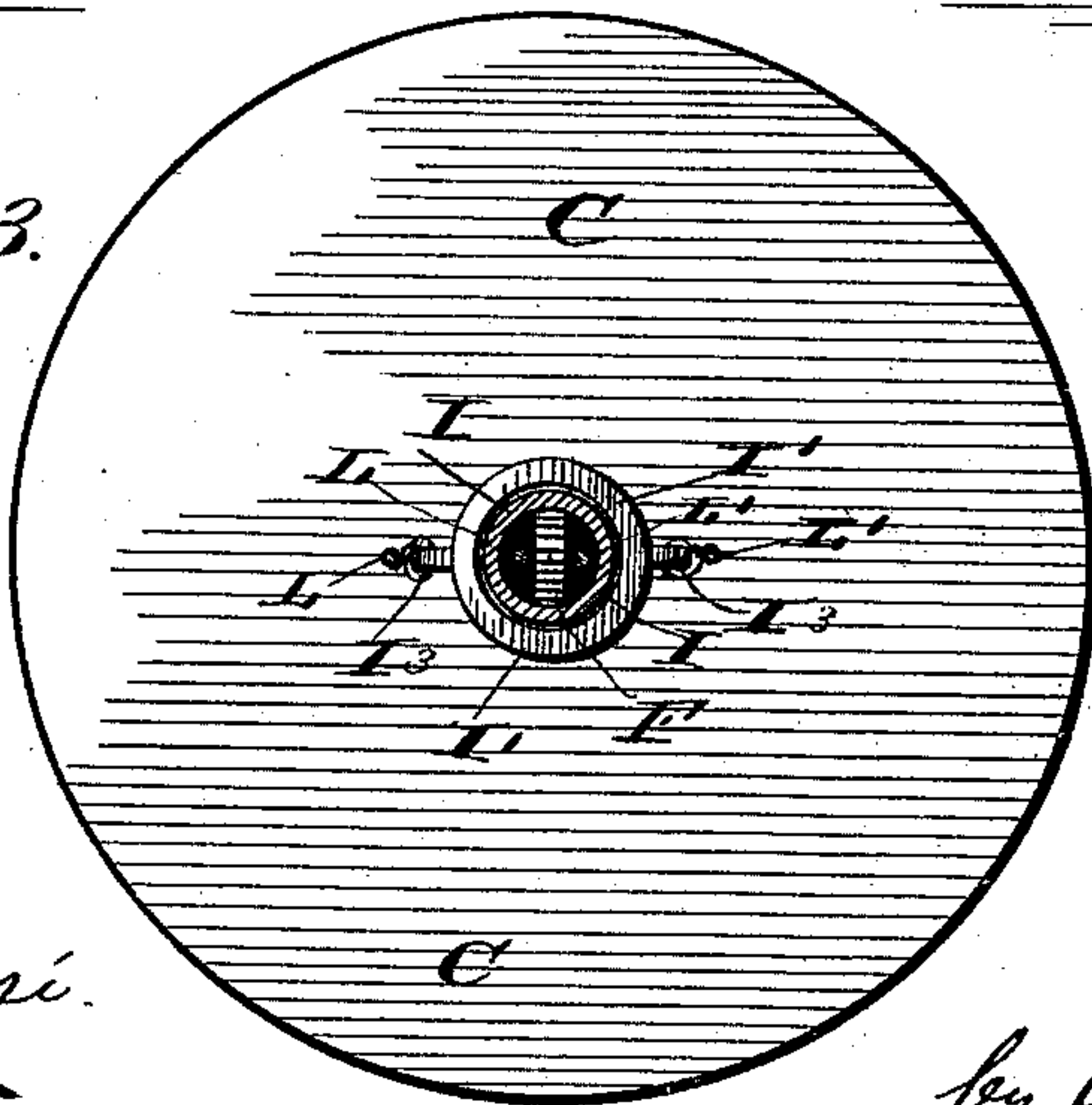


Fig. 2.

Fig. 3.



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UNITED STATES PATENT OFFICE.

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TABLE.

SPECIFICATION forming part of Letters Patent No. 370,747, dated September 27, 1887.

Application filed June 19, 1886. Serial No. 205,715. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM M. SUMEREL, a citizen of the United States, resident at Clinton, in the county of Laurens and State of South Carolina, have invented certain new and useful Improvements in Dining-Tables; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of a side elevation, partly in section. Fig. 2 is a vertical section on line $x x$, Fig. 1. Fig. 3 is a horizontal section on line $y y$, Fig. 2.

My invention relates to dining-tables; and it consists in the construction and novel combination of parts, as hereinafter described, and pointed out in the claims.

Referring by letter to the accompanying drawings, A designates the pedestal for the table-top, said pedestal being provided with a tripod or other suitable base, B, by which the pedestal is secured to the floor of the room in which the dining-table is to be used. The stem or shaft of the pedestal A is tubular throughout its length, except through its base, and is provided below the table-top C (which is movable vertically) with an integral rectangular frame, D, in which is journaled a small winch, E, having an integral ratchet-wheel, F. This ratchet-wheel F is normally engaged from below by a spring-pressed pawl, G, having near its upper end a laterally-projecting handle, G', which works in a vertical slot, G², in the upper end of the lower hollow portion, being used to disengage the spring-pressed pawl G from the ratchet-wheel F when it is desired to lower the table-top C.

Above the rectangular frame D an integral hollow stem, I, extends to a proper height, and this hollow stem I passes through a sliding sleeve, I', having a collar, I², at its upper end, which collar is secured to the under face of the table-top C. The hollow sliding sleeve I' extends both above and below the table-top proper, and is provided with ears I³ at its upper and lower ends at diametrically-opposite

points thereon. At its upper end the hollow stem I is provided with an open casting, J, which has seated in it two pulleys, K K', over which pass cords L L', being connected to the ears on the upper end of the sliding sleeve I', passed thence over the pulleys K K', thence down through the hollow stem I, around the winch E, about three times each on opposite sides of the ratchet-wheel F, and then up through guide-holes M M in the cross-head M' of the rectangular frame D, and being finally connected to the ears I³ on the lower end of the sliding sleeve I'.

The winch E is provided with a crank-handle, N, by which to rotate it in either direction, so that the table-top may be raised or lowered by turning the crank-handle in the proper direction.

On its top the open casting J is provided with a disk, P, which is secured to the casting by screws Q, and is of the same or about the same diameter as the table-top.

The disk P is provided with an inclosing depending curtain or screen, of paper or other suitable material, which, when the table-top is elevated, incloses and protects and screens the articles that may be in place on the table and prevents flies or other insects from alighting thereon while the table-top is in the elevated position.

When it is desired to use the eatables or other articles that have been placed on the table, the table may be lowered to the proper height and customers served with their meals in the shortest possible time.

I am aware that it is not new to construct a suspension-safe in two sections, one of which is attached to the ceiling of a room and the other connected therewith by ropes and weights, so that the lower section may be elevated and lowered and locked in position by a pin engaging a notched stem of the upper section. I am also aware that it is old to suspend a cloth for protection against moths, the same being arranged in a closet or suspended from the ceiling of a room and made adjustable. I am further aware that a suspension safe or sideboard consisting of one or more shelves secured to a hollow shaft that is capable of sliding freely upon a rod or pipe depending from the ceiling of the room wherein

said safe or sideboard is located has been used in connection with rope and sheaves by which to raise and lower said safe or sideboard, and I do not herein claim either of said constructions; furthermore, a suspension-safe has been provided with a cover of netting, which cover has been secured to and made part of said safe, and I make no claim to this device.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination, with a bracket carrying pulleys secured to the upper end of a vertical guide, a screen exterior to the pulleys, a frame at the base of the stem, a winch arranged beneath the frame, a sleeve on the said stem and secured to a table-top, and ropes connecting the winch with the sleeve, so as to

move the table up and down, substantially as specified.

2. The combination, with the hollow stem or standard having an integral frame, and the casting at its top provided with pulleys, of the table-top provided with the sliding sleeve having the upper and lower ears, and the winch having the ratchet, the spring-pressed pawl having a handle, and the cords connecting the winch and sliding sleeve, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM M. SUMEREL.

Witnesses:

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C. C. BAILEY.