

No. 757,155.

PATENTED APR. 12, 1904.

F. TENNEY.
VENETIAN WINDOW BLIND CLIP.

APPLICATION FILED MAY 12, 1903.

NO MODEL.

3 SHEETS—SHEET 1.

FIG. 1.

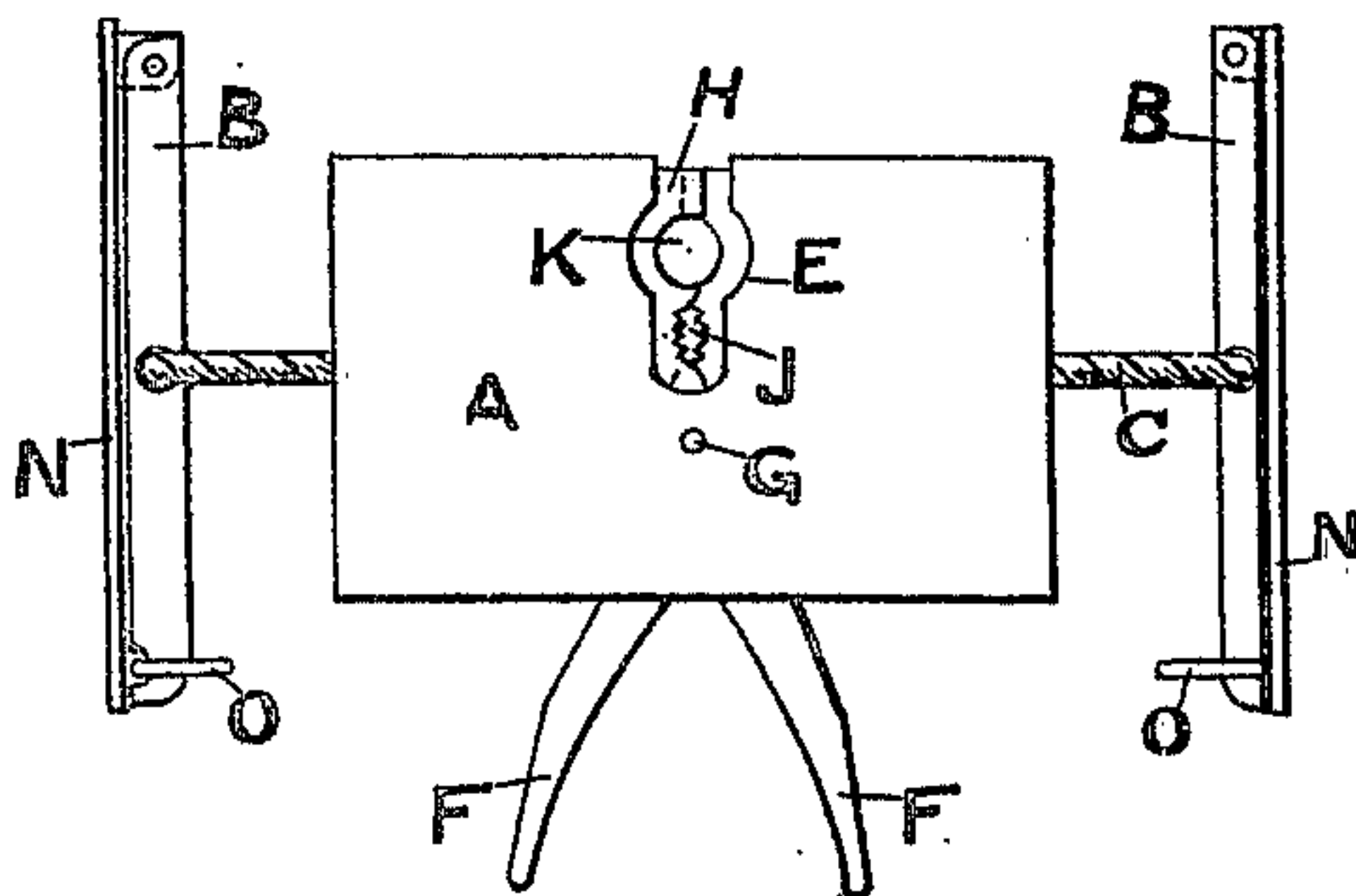


FIG. 2.

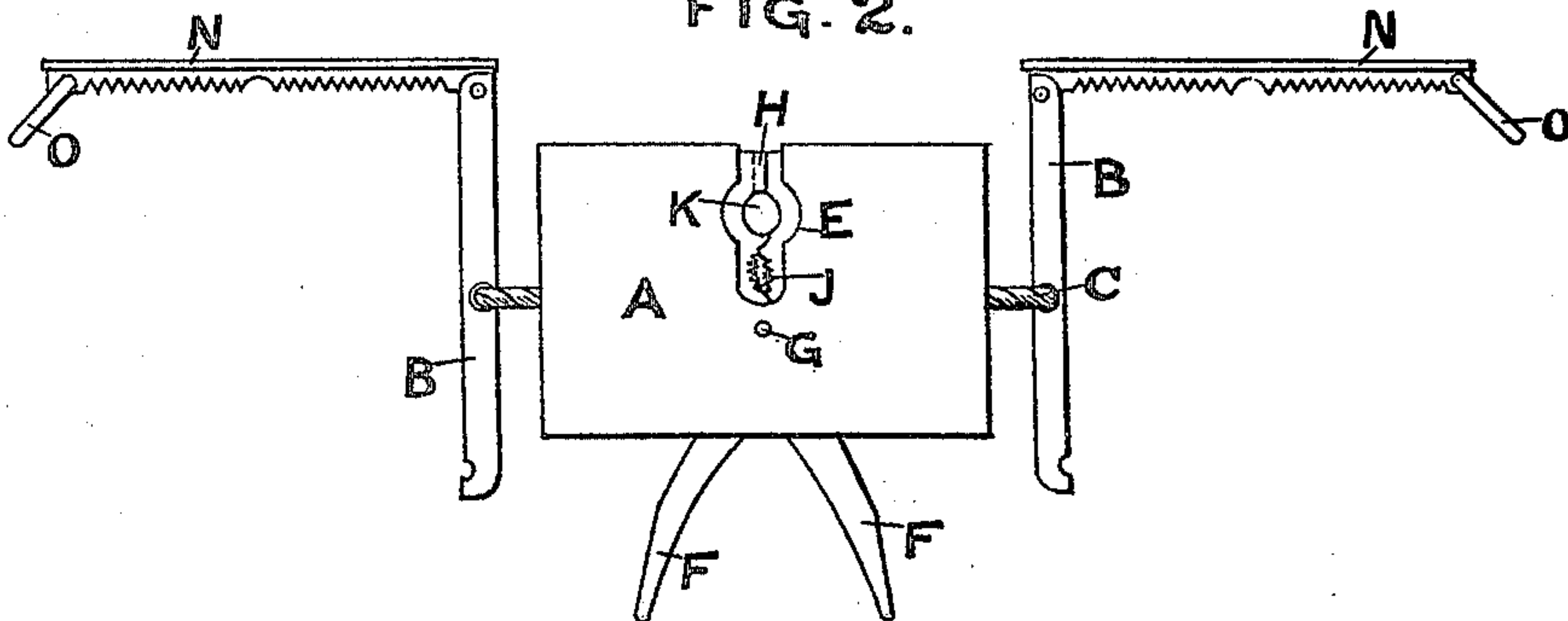


FIG. 3.

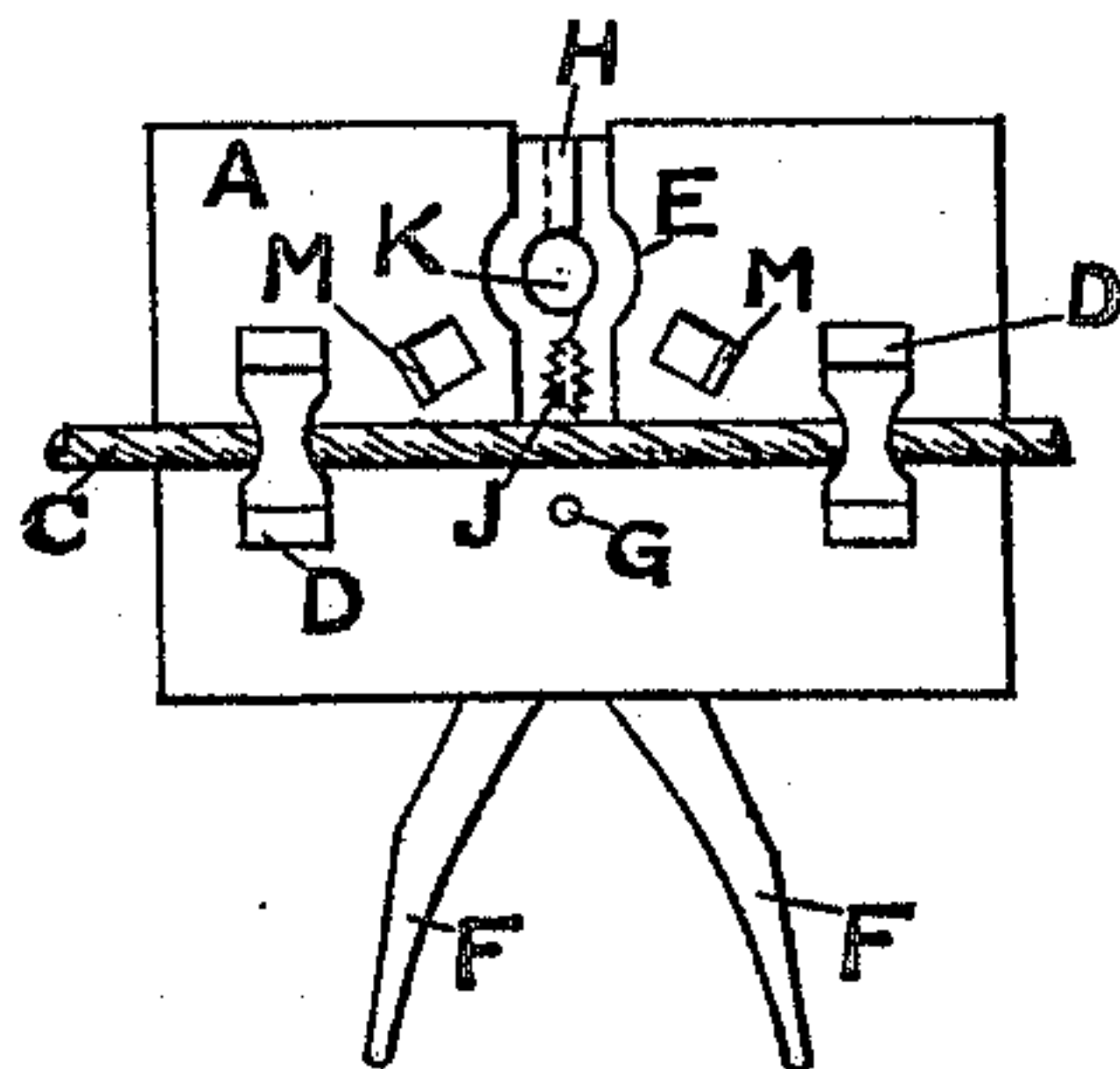


FIG. 4.



FIG. 5.

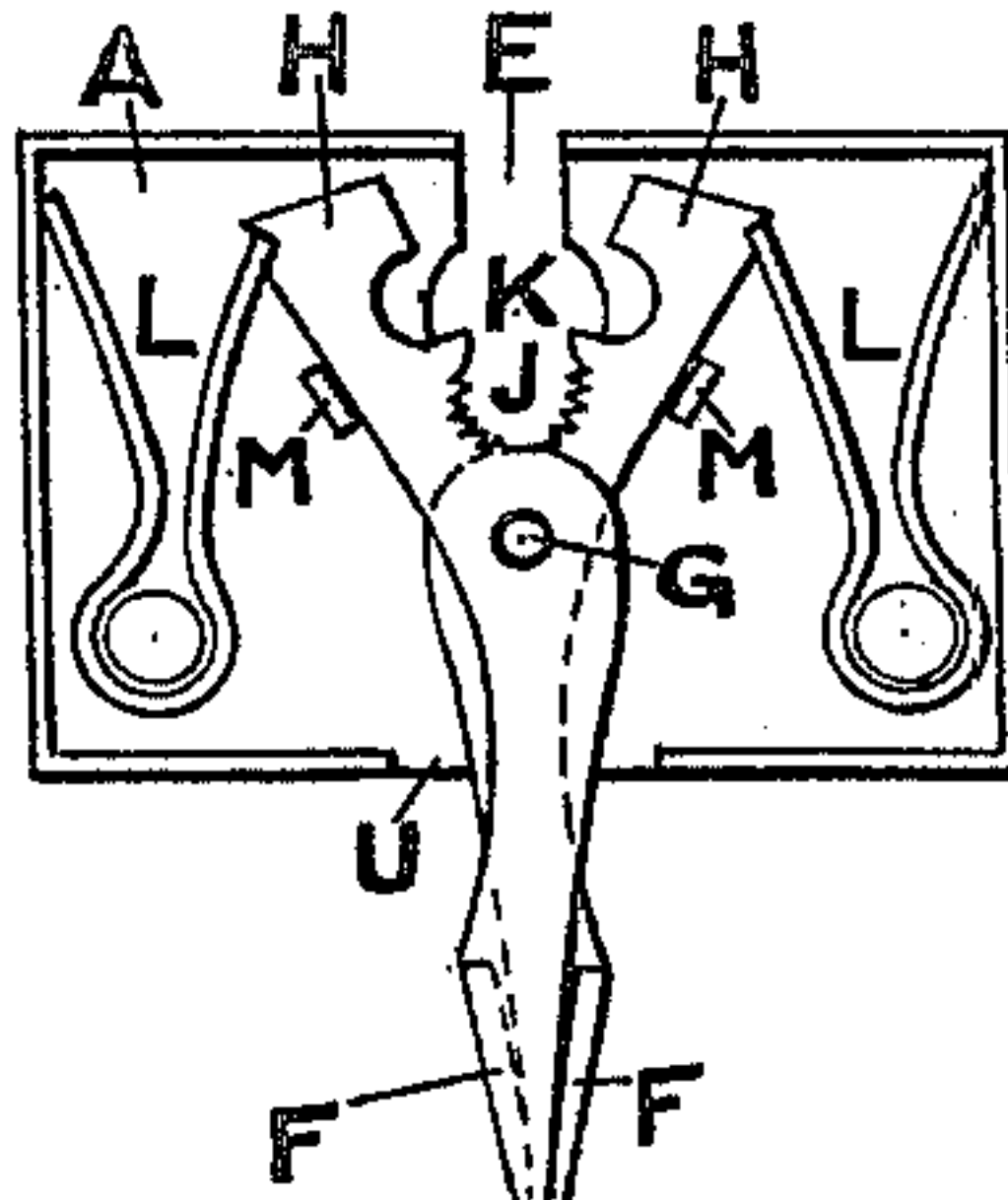
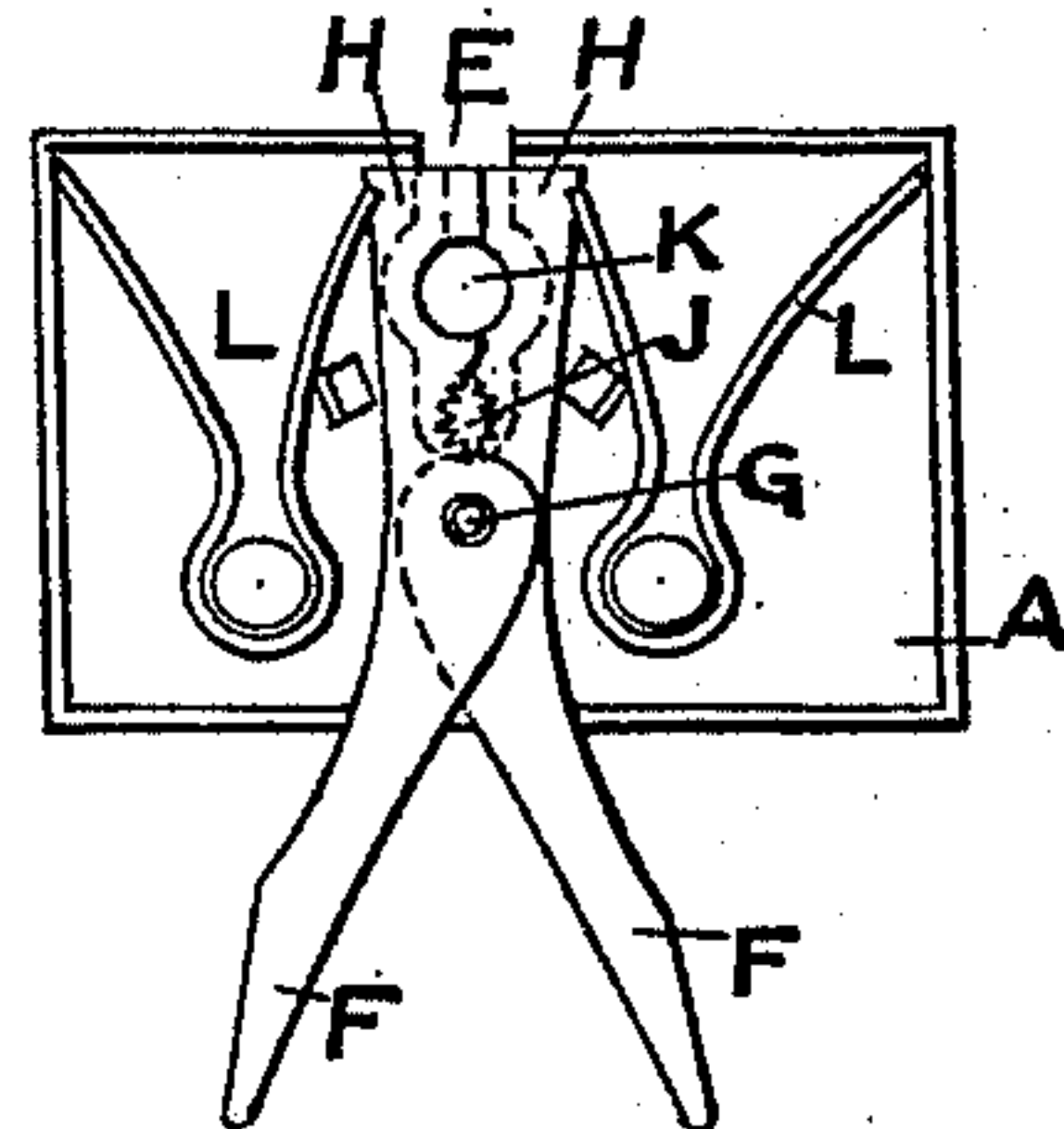


FIG. 6.



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3 SHEETS—SHEET 2.

FIG. 7.

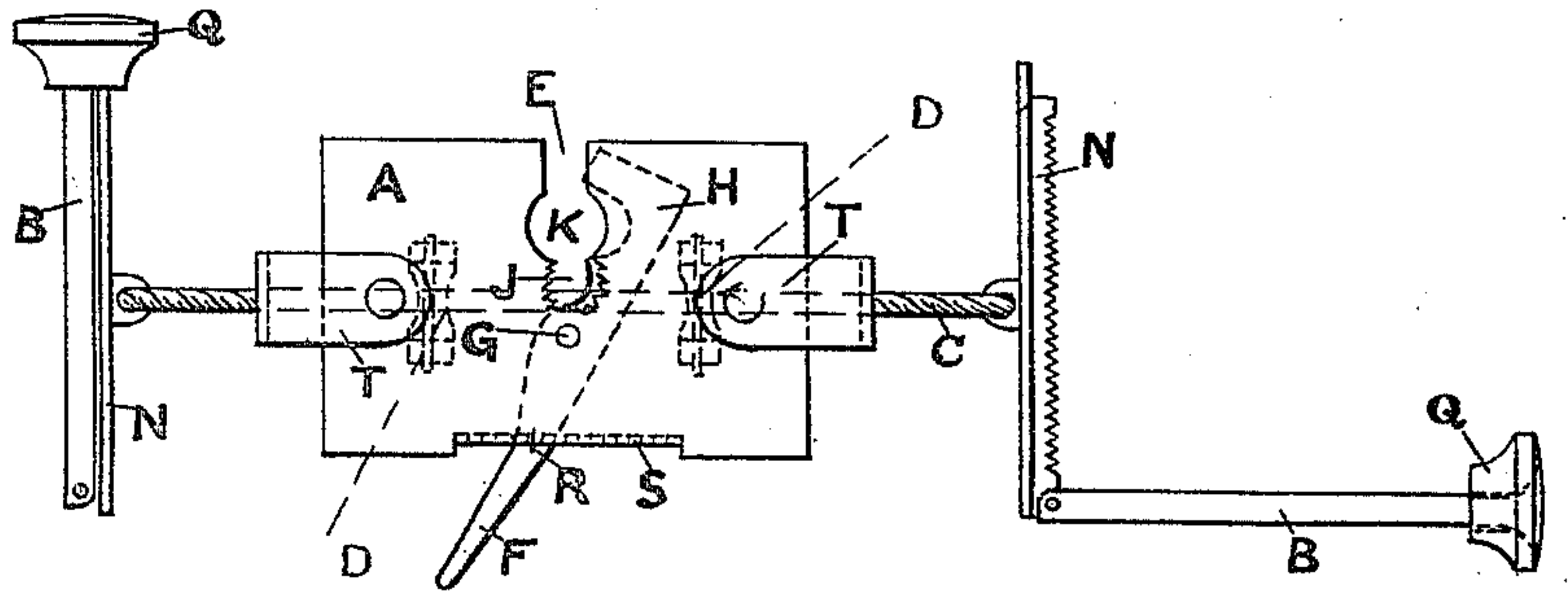


FIG. 8.

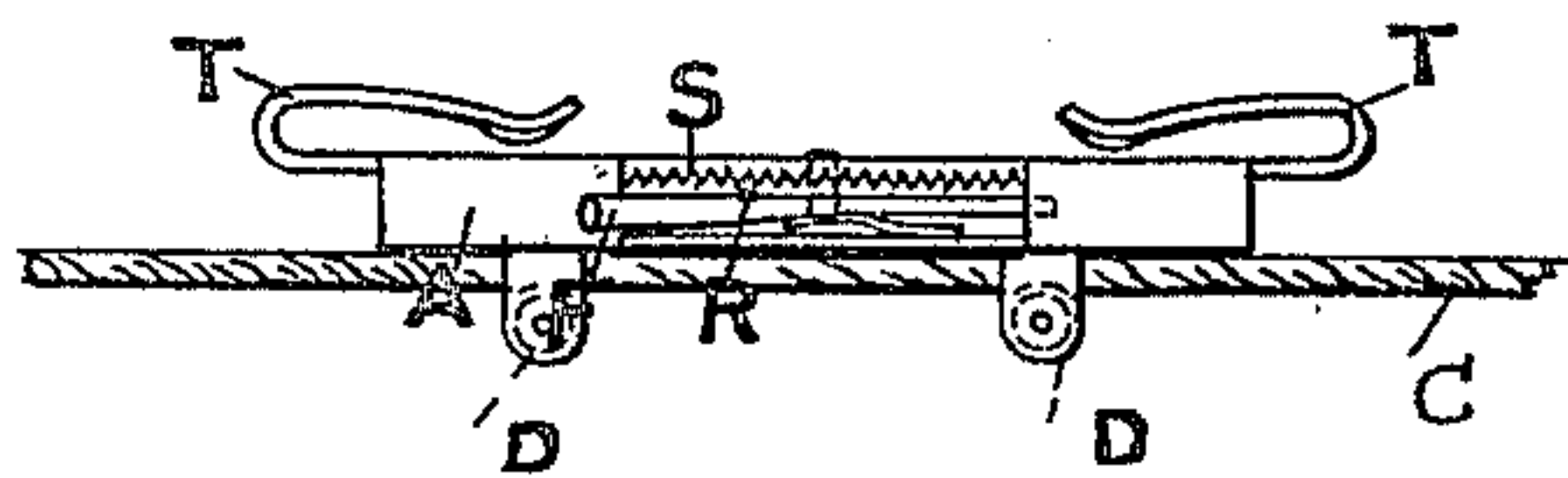


FIG. 9.

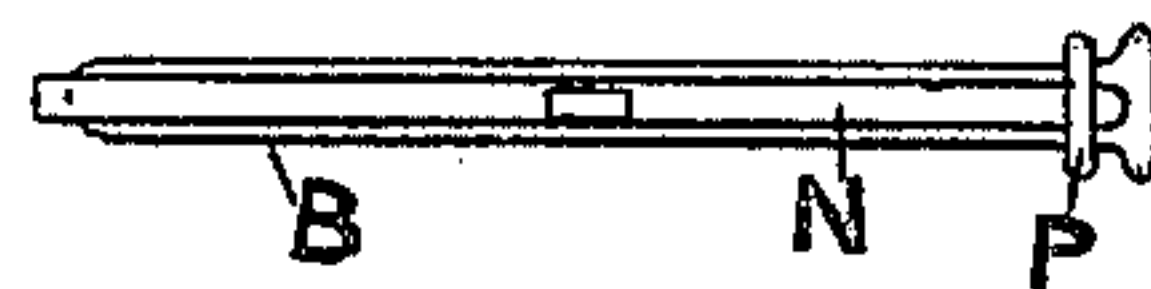


FIG. 10.



FIG. 11.

FIG. 12.



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3 SHEETS—SHEET 3.

FIG. 13.

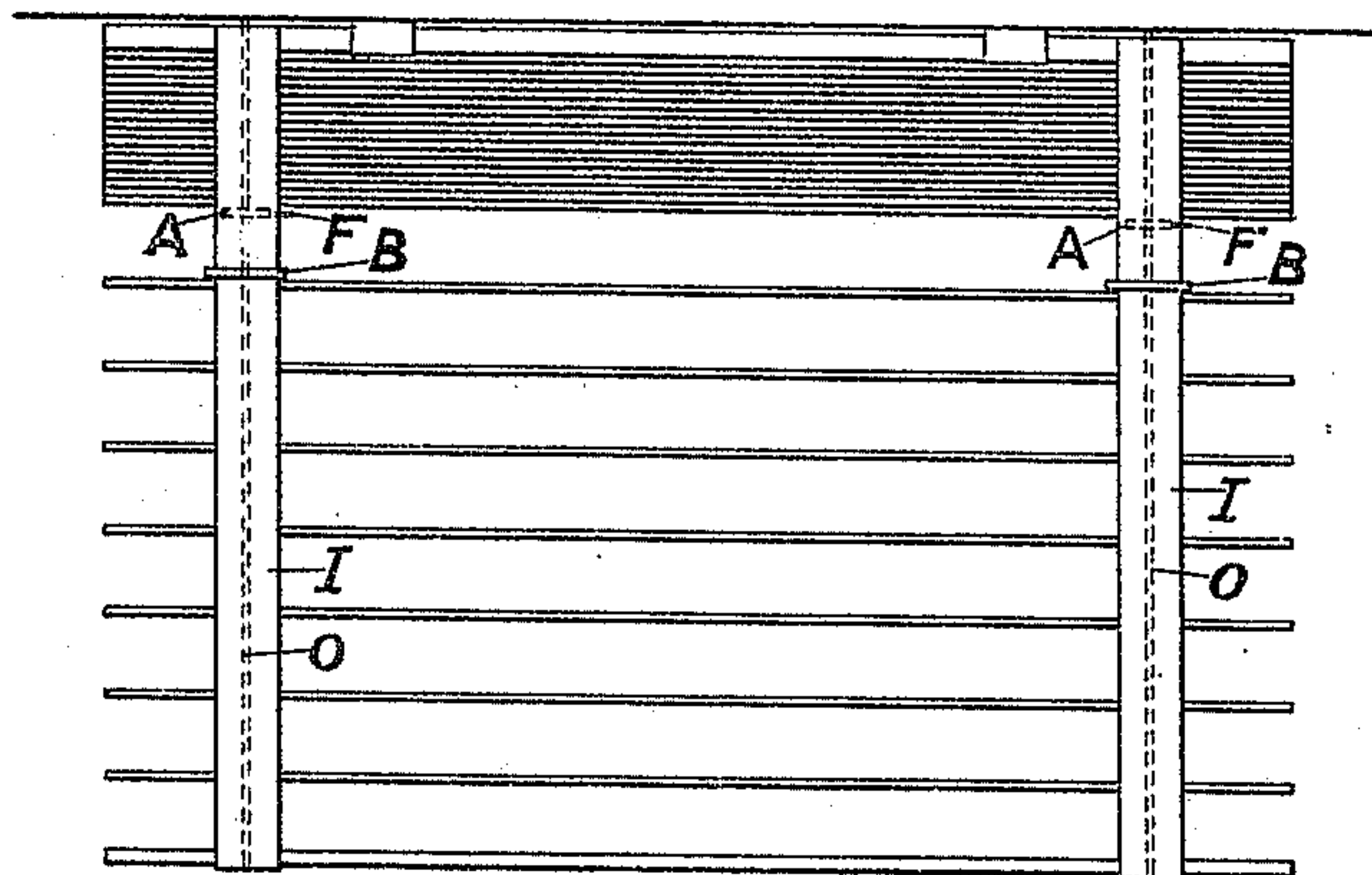
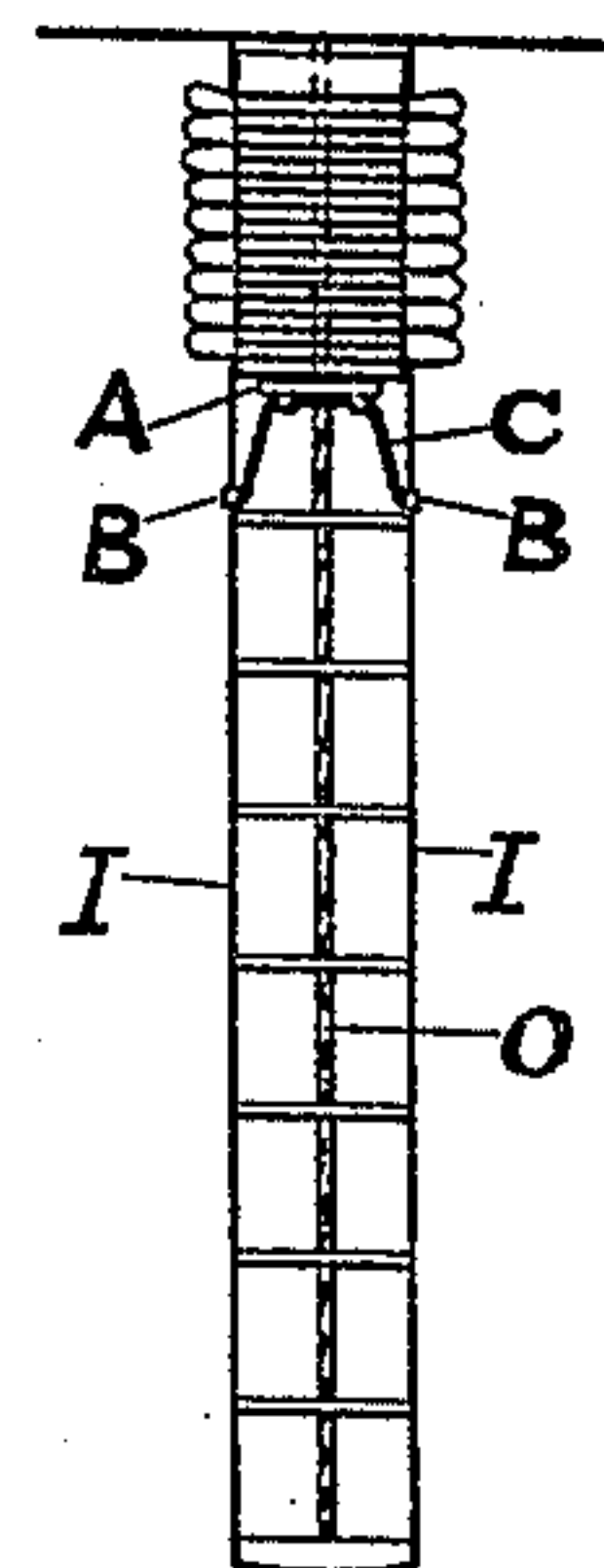


FIG. 14.



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UNITED STATES PATENT OFFICE.

FREDERICK TENNEY, OF GOOLE, ENGLAND.

VENETIAN-WINDOW-BLIND CLIP.

SPECIFICATION forming part of Letters Patent No. 757,155, dated April 12, 1904.

Application filed May 12, 1903. Serial No. 156,779. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK TENNEY, a subject of the King of Great Britain and Ireland, residing at Goole, in the county of York, England, have invented a new and useful Venetian-Window-Blind Clip, of which the following is a specification.

When a Venetian or other similar blind is raised in the ordinary way, the laths collect at the bottom. When fully raised, this is immaterial; but if the blind be only partly raised the collected laths form a bulky mass at the bottom of the blind, obstructing light and (if window be open) air and causing inconvenience in opening or closing the window. The bulk thus formed also renders the window more or less unsightly in appearance, whether viewed from within or without.

The object of my invention, therefore, is the construction of a device to be applied to a Venetian or similar blind when it is desired to raise it only partially, such device having the effect of causing the laths to collect at the top of the window, where they are unobjectionable, and leaving the lower part of the blind in its normal condition, affording free access for the light and remaining free to be deflected at will without further raising or lowering of the blind.

The apparatus consists, preferably, of a pair of clips adapted to fasten upon the window-blind tapes in any desired position and linked together by a short cord, tape, or the like, upon which is carried midway a third clip, which is adapted to normally fasten upon the window-blind cord, so as to act as a stop, but which is also adapted to slide freely over the cord at will when it is desired to use the blind in the ordinary manner. The apparatus, therefore, does not interfere in any way with the ordinary raising, lowering, or adjustment of the blind.

My invention is illustrated in the accompanying drawings and diagrams, in which—

Figure 1 is a plan of my improved device. Figure 2 is also a plan showing the tape-clips open in readiness for fixing to the blind. Figure 3 is a plan of reverse side of cord-clip in the position shown by Figs. 1 and 2. Figure 4 is

an end view of Fig. 3. Figure 5 is an internal view of cord-clip in its open position. Figure 6 is an internal view of cord-clip in its close position, as shown by Figs. 1, 2, and 3. Figure 7 is a plan of a slightly-modified form of cord-clip, showing also a modified device for attaching same in position upon the blind. Figure 8 is an elevation of Fig. 7. Figs. 9 and 10 show alternative constructions of the tape-clip shown in Figs. 1 and 2. Figs. 11 and 12 are detail views of the slotted fastening-ring shown in Fig. 10. Figs. 13 and 14 are respectively a front and an end view of a Venetian blind having this invention applied to it. Similar letters refer to similar parts throughout the several views.

In constructing my said apparatus a cord-clip of suitable construction is inclosed within a hollow sheet-metal casing A, which is supported centrally between a pair of hinge tape-clips B B, Figs. 1 to 6, by means of link C, passing through eyelets D D beneath the casing. The said casing A is provided with a suitably-shaped slot E to receive the blind-cord O. The cord-clip consists, preferably, of a pair of levers F F, pivoted together at G and terminating within the casing in specially-shaped jaws H H, in which are provided adjacent semicircular seats or recesses, (plain and serrated,) forming when the jaws are closed a toothed or serrated gripping-opening J and an adjacent plain circular opening K, through which the blind-cord can pass freely. The jaws H H are normally retained in close contact by means of spring L L within the casing, and the angle through which the levers are movable about their pivot G is regulated by the relative positions of the pivot G, the stops M M, and the opening U in the edge of the casing A, through which the ends of the levers F project. The said stops M M may for convenience of manufacture be struck up from the casing A, as shown in Figs. 3 and 5. Each tape-clip consists of a grooved bar B, Figs. 1, 2, 7, 9, and 10, to which is hinged at one end a toothed bar N fitting within the same, the members B and N being secured by means of a catch or swivel O, Figs. 1 and 2, a sliding ring P, Fig. 9, or

a slotted ring or knob Q, Figs. 7, 10, 11, and 12, and being locked rigidly together, so as to inclose the blind-tape I when in use.

The device is applied in the following manner: The blind being first lowered to its full extent and all the laths arranged in a horizontal position, the tape-clips are inserted and secured over each set of tapes at the desired height, according to the number of laths it is desired to leave free when the blind is fully drawn up. The levers F are then pressed open, so as to admit the blind-cord to the slot E, and they are then released, so as to grip the blind-cord within the toothed or serrated opening J. If the blind be then raised to the top, the predetermined number of laths at the bottom of the blind are left in their open position and are at the same time free to be tilted or deflected to any desired angle in the ordinary manner. If it be desired to raise the whole of the blind to the top of the window, the blind-cord at each side of the blind is released from the toothed gripping-opening J and inserted into the enlarged circular opening K, through which it can slide freely. In this case the apparatus does not interfere in any way with the ordinary working of the blind, so that the apparatus need not, therefore, be detached from the blind except for renovation or like purposes.

If desired, a modified form of cord-clip may be employed with the same effect, as above described. In this arrangement, Figs. 7 and 8, a single lever F, with jaw H, is employed, and one side of the slot E (correspondingly recessed and serrated) is adapted to serve as the opposing jaw. This lever F may be controlled by means of a spring-catch R, formed thereon and engaging with notches S, or by means of a spring L, as hereinbefore described.

The cord-clips hereinbefore described in addition to being supported by means of tape-clips may also, if desired, be secured to any one of the laths of the blind. In this case such additional attaching device consists, preferably, of a pair of curved spring-lugs or clips T, Figs. 7 and 8, which fit over the edges of the lath.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, with a pair of tape-clips, and a connecting-link between them; of a cord-clip slidable on the said link.

2. The combination, with a pair of tape-clips, and a connecting-link between them; of a cord-clip slidable on the said link and provided with a fastening device for attaching it to the adjacent blind-slat.

3. The combination, with a pair of tape-clips, each said clip comprising two bars pivoted together at one end and provided with a locking device at the other end, of a link connecting the said pair of clips, and a cord-clip slidable on the said link.

4. The combination, with a pair of tape-clips, and a connecting-link between them; of a casing slidable on the said link, and a pair of spring-pressed levers pivoted to the said casing and operating to grip the cord.

5. The combination, with a pair of tape-clips, and a connecting-link between them; of a cord-clip carried by the said link and provided with one seat for gripping the cord and a second seat in which the cord is free to slide.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FREDERICK TENNEY.

Witnesses:

JOHN E. WALSH,
ALLAN BENNETT.