

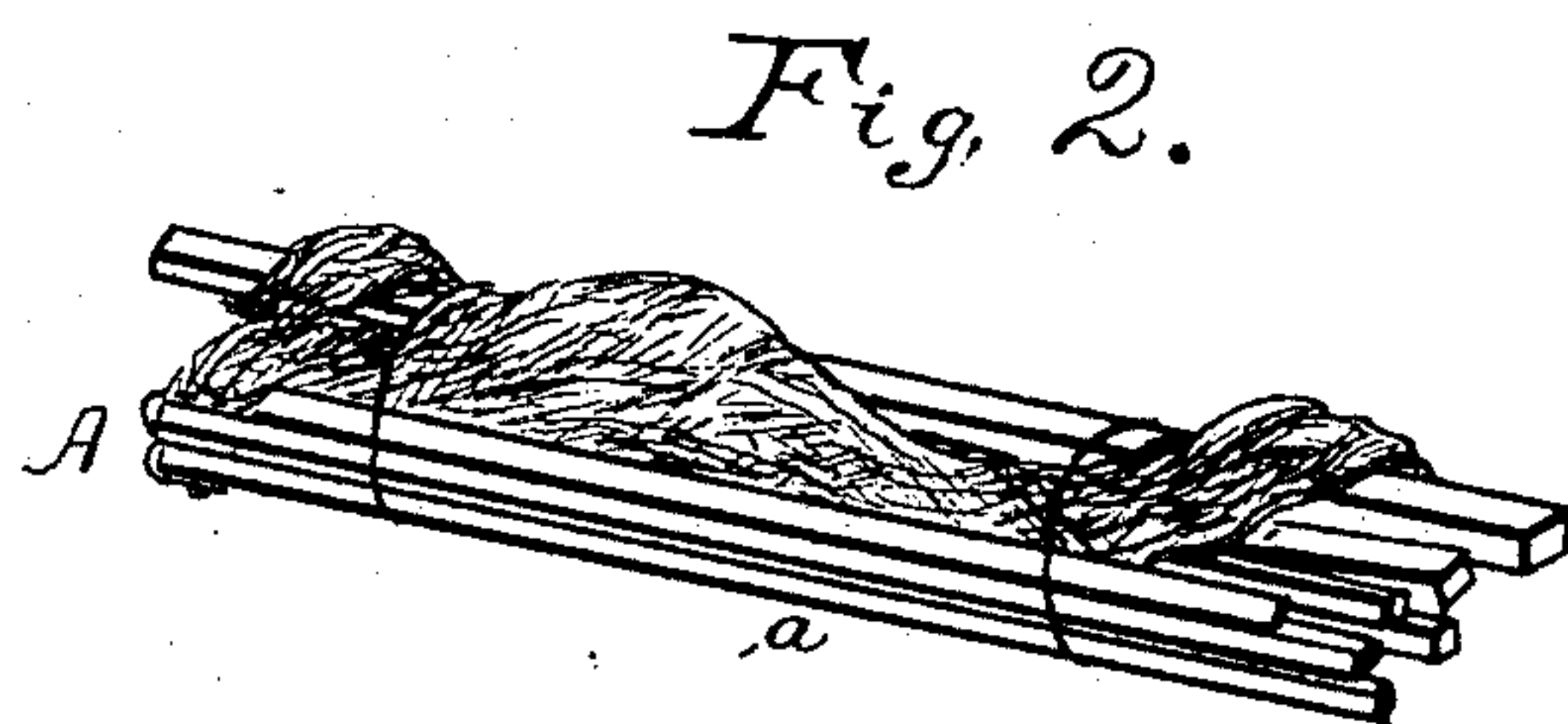
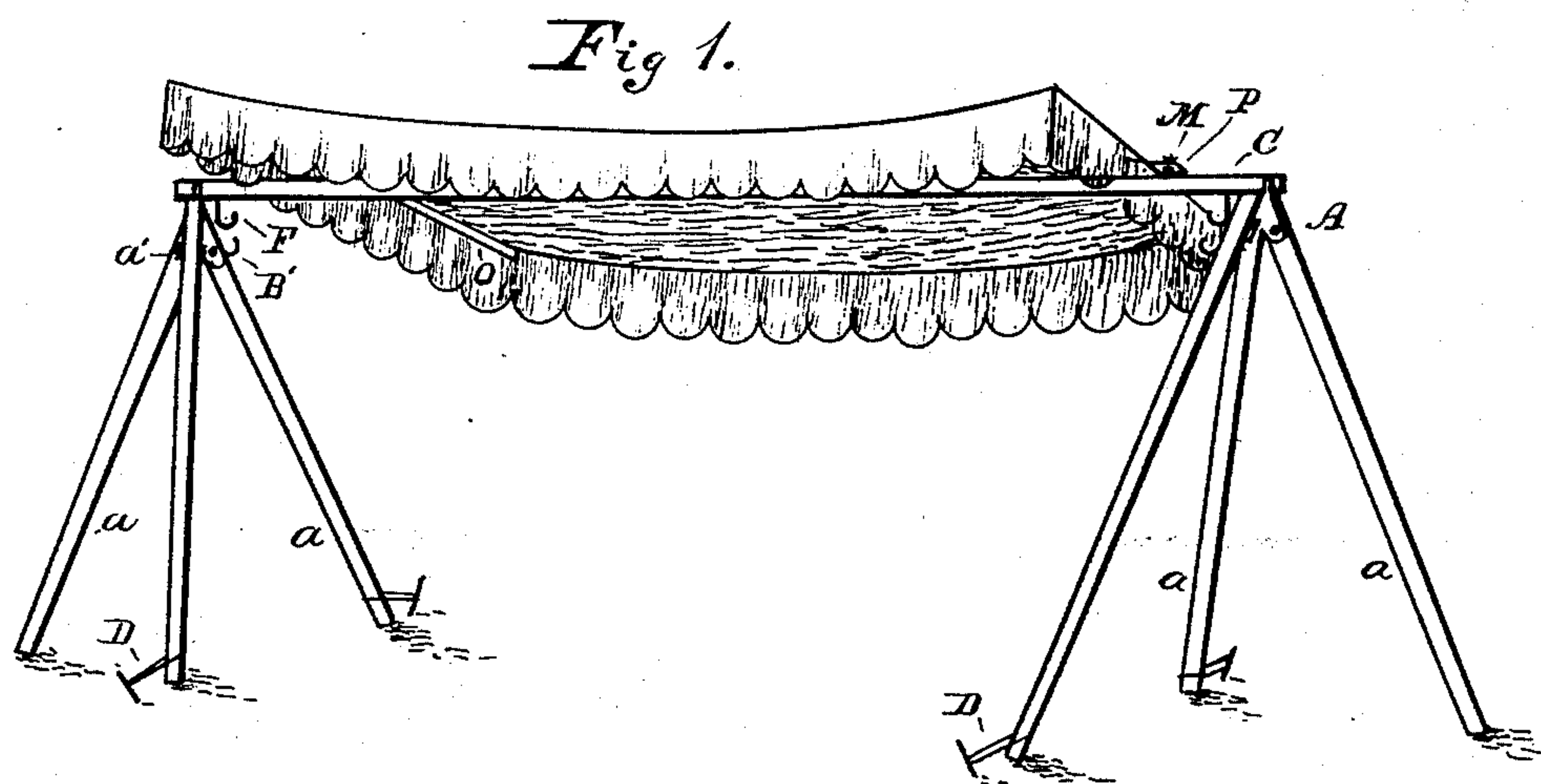
(No Model.)

2 Sheets—Sheet 1.

J. H. SMITH.
HAMMOCK FRAME.

No. 328,074.

Patented Oct. 13, 1885.



WITNESSES:

Edw. F. Simpson Jr.
C. P. Webster

INVENTOR

James H. Smith
BY
C. P. Webster

ATTORNEY

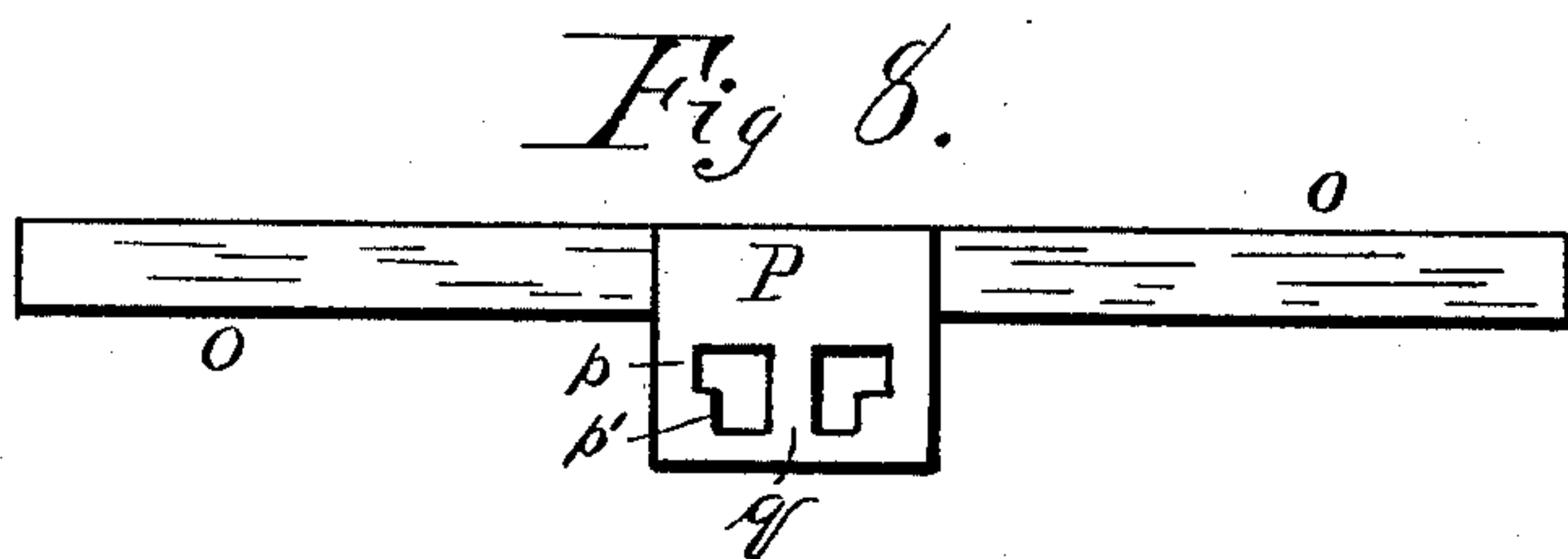
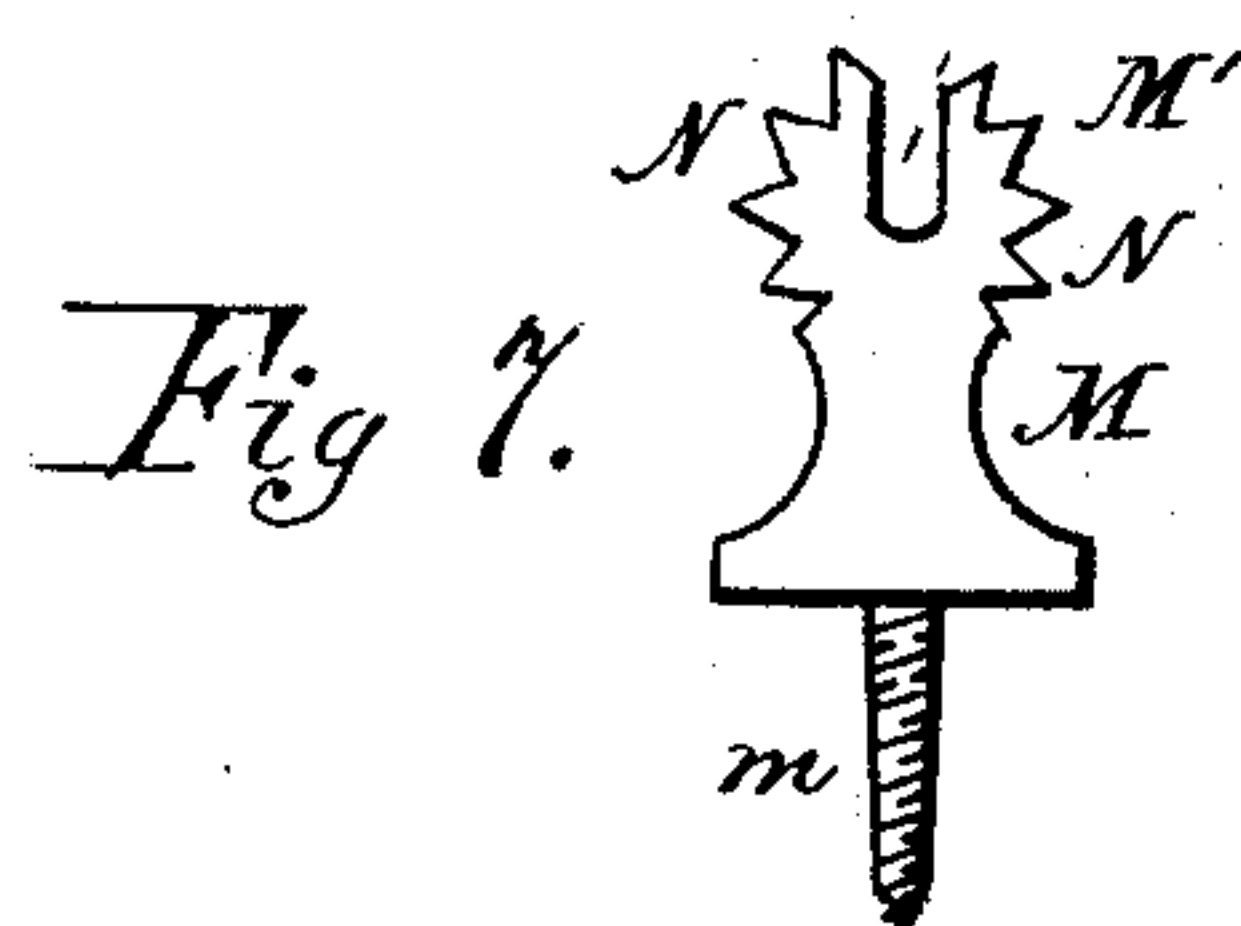
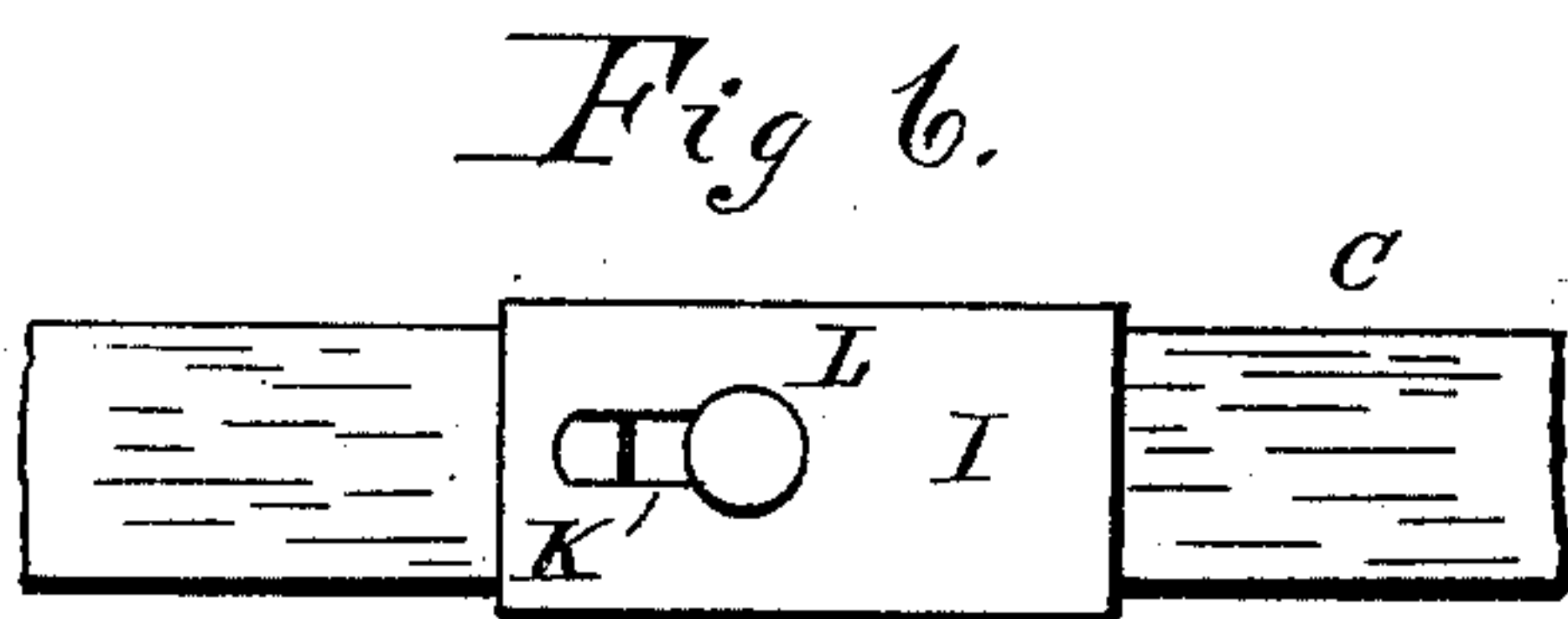
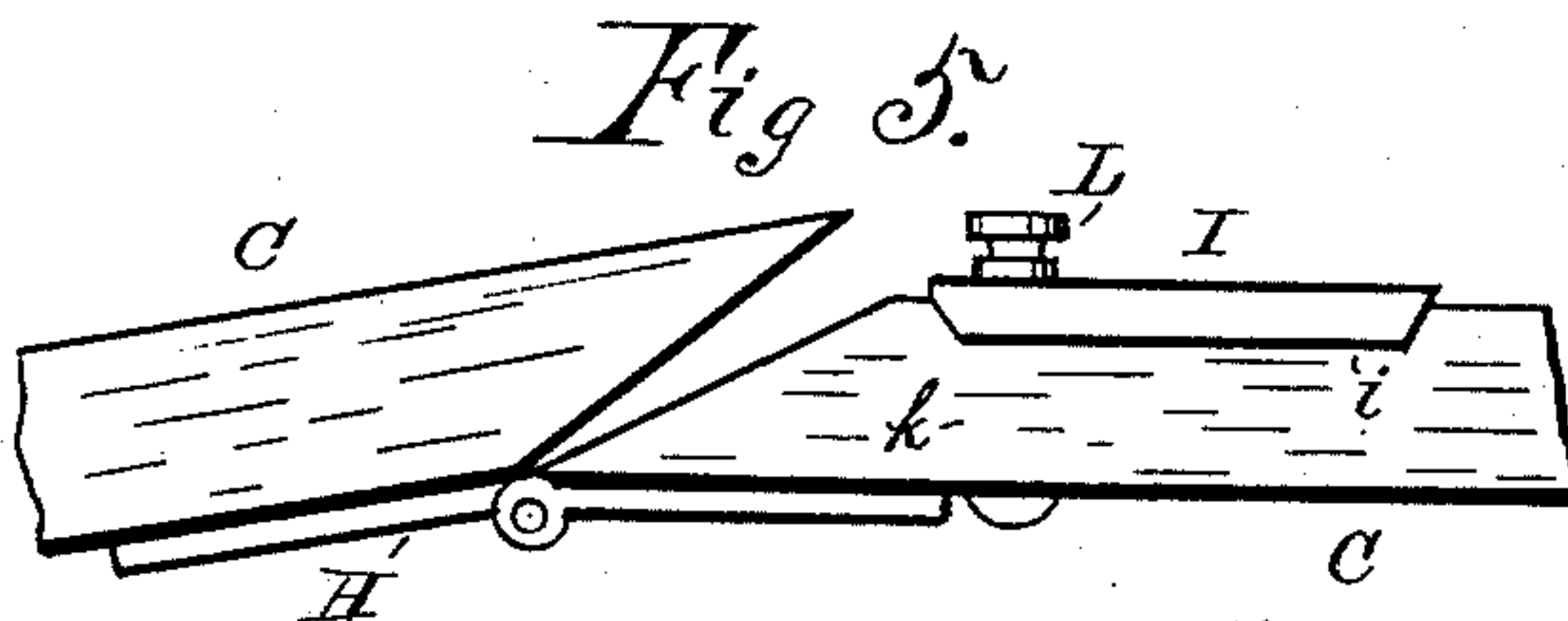
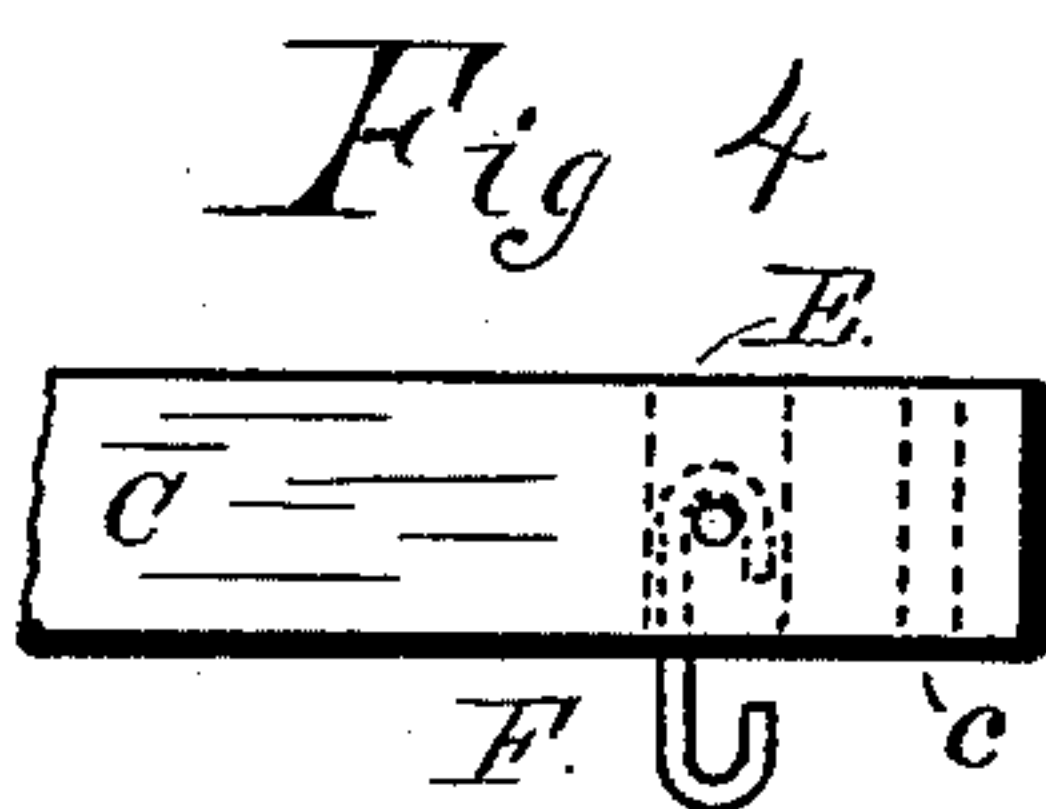
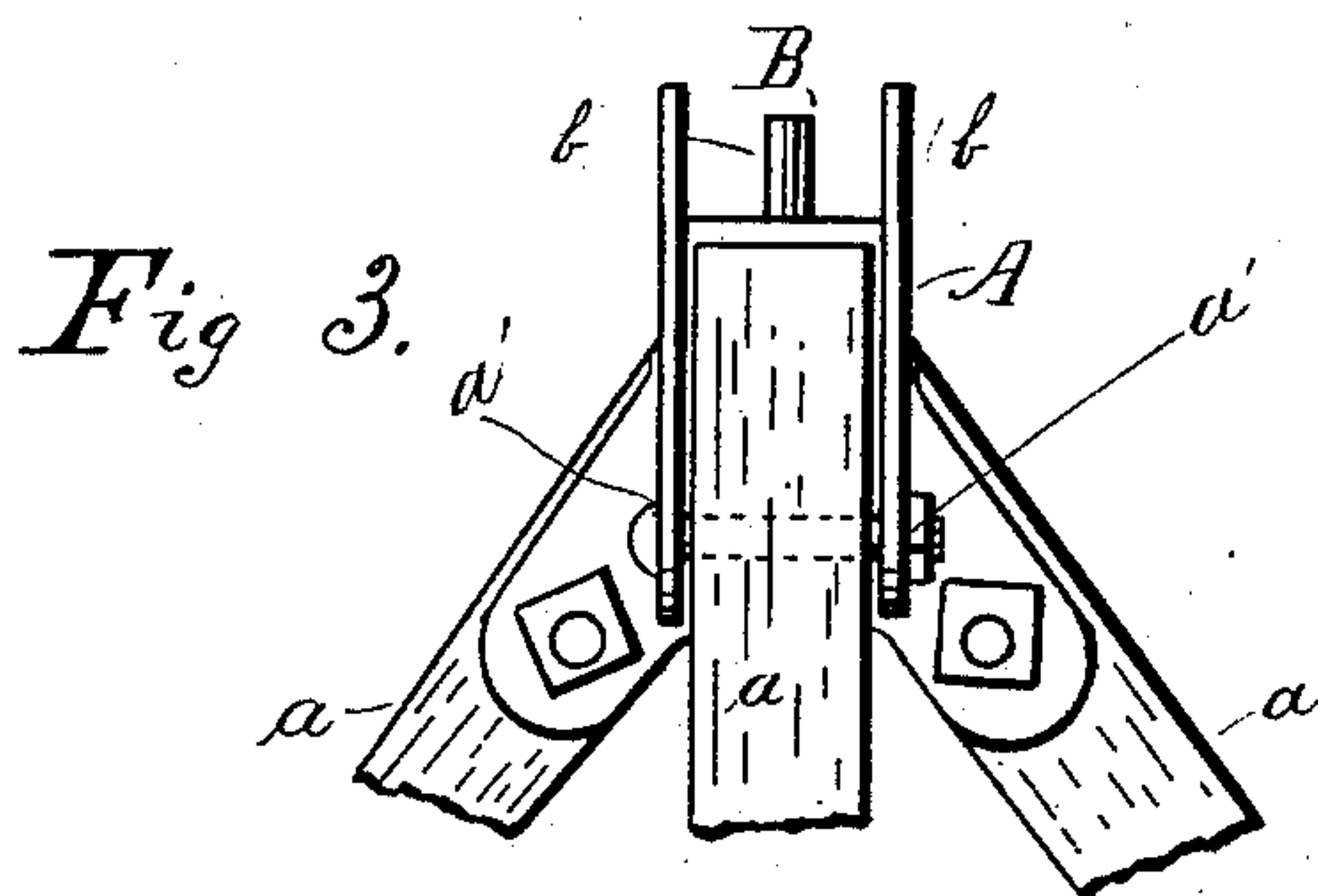
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2 Sheets—Sheet 2.

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UNITED STATES PATENT OFFICE.

JAMES H. SMITH, OF CHICAGO, ILLINOIS.

HAMMOCK-FRAME.

SPECIFICATION forming part of Letters Patent No. 328,074, dated October 13, 1885.

Application filed June 1, 1885. Serial No. 167,127. (No model.)

To all whom it may concern:

Be it known that I, JAMES H. SMITH, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Hammock-Frames; 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 the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates especially to portable hammock supports or frames, and by a simple device it also upholds an awning or canopy above the hammock. It is so constructed that all the parts, including the hammock-frame, hammock, and canopy can be taken down and folded together for removal in one minute, and can be set up again almost as quickly.

The accompanying drawings fully illustrate the nature of these appliances.

Figure 1 represents the invention set up and ready for use. Fig. 2 shows it when folded together. Fig. 3 is an enlarged head of tripod with connecting parts of legs. Fig. 4 is an end of cross-pole in detail. Fig. 5 is a side view of the joint in cross-pole. Fig. 6 is a top view of same with improved fastening. Figs. 7 and 8 illustrate the device for holding the canopy in position, as hereinafter explained.

The various parts of the invention are referred to by letters, similar letters indicating corresponding parts in the different views.

The letter A indicates the head, to which is pivoted the legs *a a a* by the bolts and nuts *a' a' a'*. Three legs are shown in the drawings; but I do not limit myself to that number in forming these end supports.

On each head A are projections *B b b*, whose use will be presently explained, and a hook, *B'*, on which a garment or even a hammock may be hung.

C is a cross-pole whose ends rest upon the tripods, and which is kept in place by means of the projections *B B*, which enter the vertical holes *c c* near the ends of the pole, and the projections *b b* on each side of the pole C.

As thus described, a firm support is provided for the hammock under ordinary circumstances; but when violent swinging is indulged in, additional security is provided for by using the loops *D D* on the lower ends of the legs *a a*, the said loops being held fast by pegs *d d*, driven in the ground.

Vertical slots *E E* are formed in the pole C, near each end, which are transversed centrally by horizontal pins *e e*. Upon these pins are hung the hooks *F F*, which are so adapted to the size of the slots *E E* that they will not drop out of place and can be used equally well at either side of the pole. Upon these hooks *F F* the hammock is to be hung.

I usually make the bar or pole C in two pieces, joined by a hinge, *H*, on one side, and held in alignment by a sliding lock on the other. This lock consists of a plate, *I*, of the width of the pole C, furnished with flanges *i i*, extending downward upon each side of the pole, and a slot, *K*. A threaded pin, *k*, rises from the pole C, and passing through the slot *K*, is capped by a thumb-nut, *L*. The plate *I* may thus rest wholly upon one portion of the pole C, or it may be moved along so as to overlap the joint of the bar and so hold it rigid. The plate *I* is secured in position by tightening the nut *L*.

M is a short post having a terminal threaded stem, *m*, and a flattened-arch top, *M'*, with peripheral notches *N N*, and a vertical recess, *n*. Two of these posts are screwed into the top of the pole C at short distances from its ends.

I do not limit myself to the use of the screw in securing the post *M* to the pole C, but employ any convenient means for that purpose.

O O are strips or bars to which the canopy *R* is attached in any preferred manner. These strips have each a plate, *P*, secured to it. (See Fig. 8.) Two slots, *p*, narrowed at *p'*, are formed in plate *P* on each side of the central portion, *q*. These slots are of such width as will receive at *p* the flattened top *M'* of the post *M*, the bar *q* passing loosely into the recess *n*. In this position the strips *O* are easily inclined at any desired angle; but when the bar *O* is moved laterally the edges of the slot *p'* engage the notches *N N* in the post and prevent its further turning. By this device

I am enabled to incline the canopy to meet the slanting rays of the sun.

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

1. In a hammock frame, the head A, having the projections B b b, pivots a' a', and legs a a, substantially as described.
2. In a hammock-frame, the head A, having the projections B b b, and hook B', and legs a a, furnished with loops D D, pivoted to the said head A, as described.
3. In a hammock-frame, the jointed pole C, hinge H, plate I, having flanges i i, slot K, threaded pin k, and nut L, substantially as herein set forth.
4. A hammock-frame formed of two sup-

ports, and a cross-pole, C, hinged thereto, having the longitudinal slots E E, the transverse pins e e, the hooks F F, and vertical holes c c, substantially as described.

5. In a hammock-frame, the locking device consisting of the post M, having a terminal screw, m, and a flattened head, M', bearing the notches N N, and the vertical recess n, the plate P, having slots p p', and bar q, substantially as described.

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

JAMES H. SMITH.

Witnesses:

JOSEPH BRIGHTMAN,
C. F. VON BRUNCK.