

(No Model.)

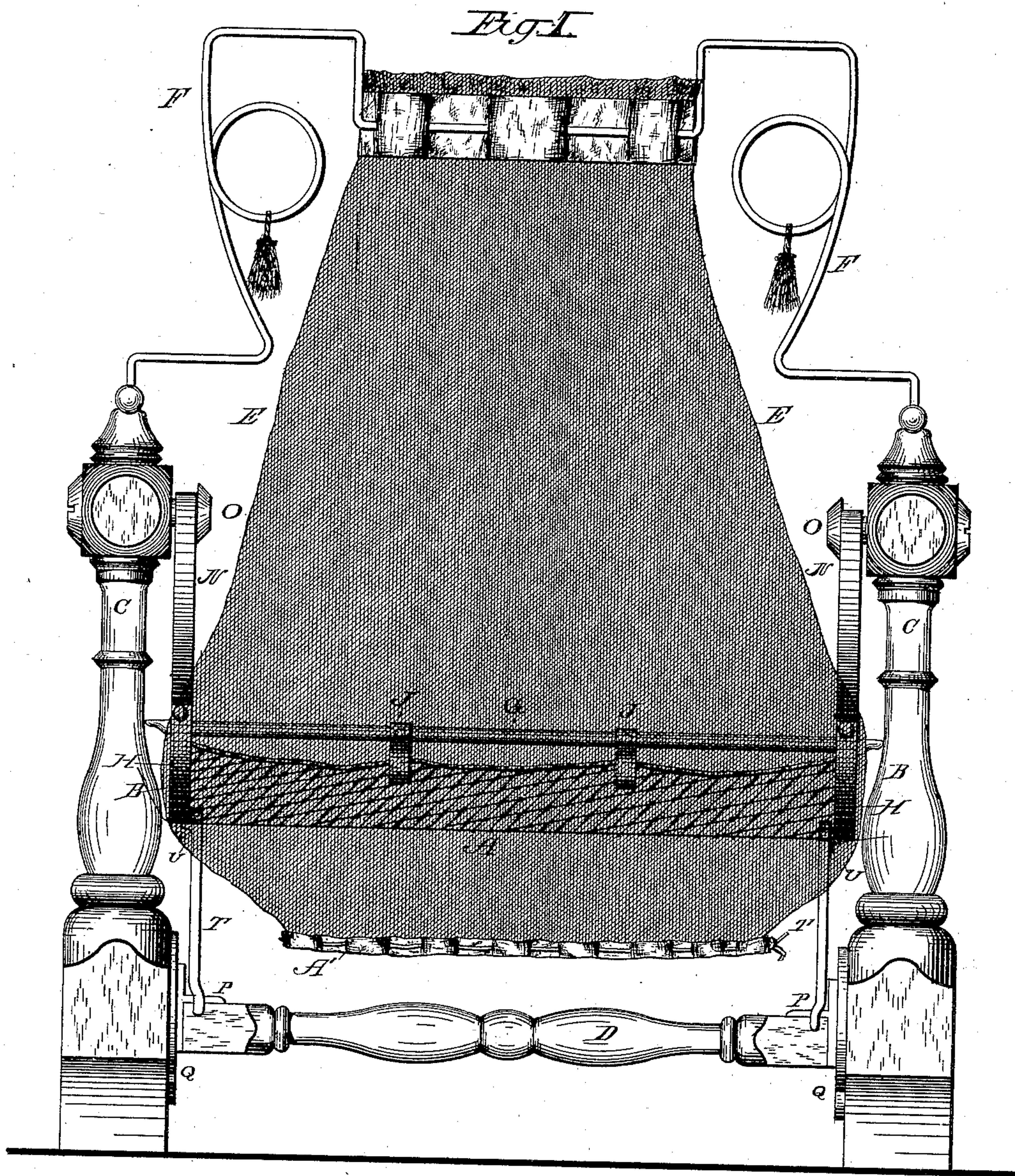
2 Sheets—Sheet 1.

S. KOPS.

HAMMOCK AND CRADLE STAND.

No. 313,002.

Patented Feb. 24, 1885.



Witnesses:

C. B. Story.

W. J. Summitt.

Inventor:

Samuel Kops.

By,

Jas. D. Ewins

Attorney.

(No Model.)

2 Sheets—Sheet 2.

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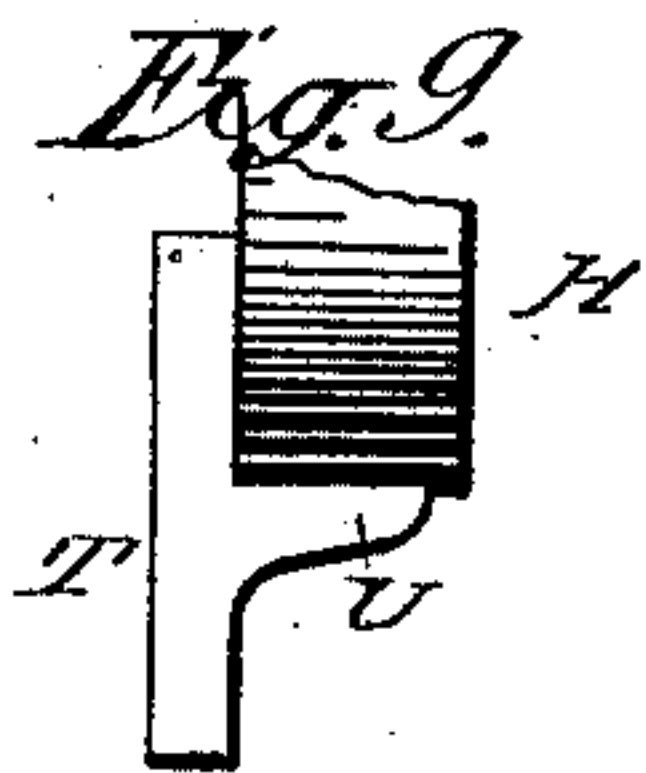
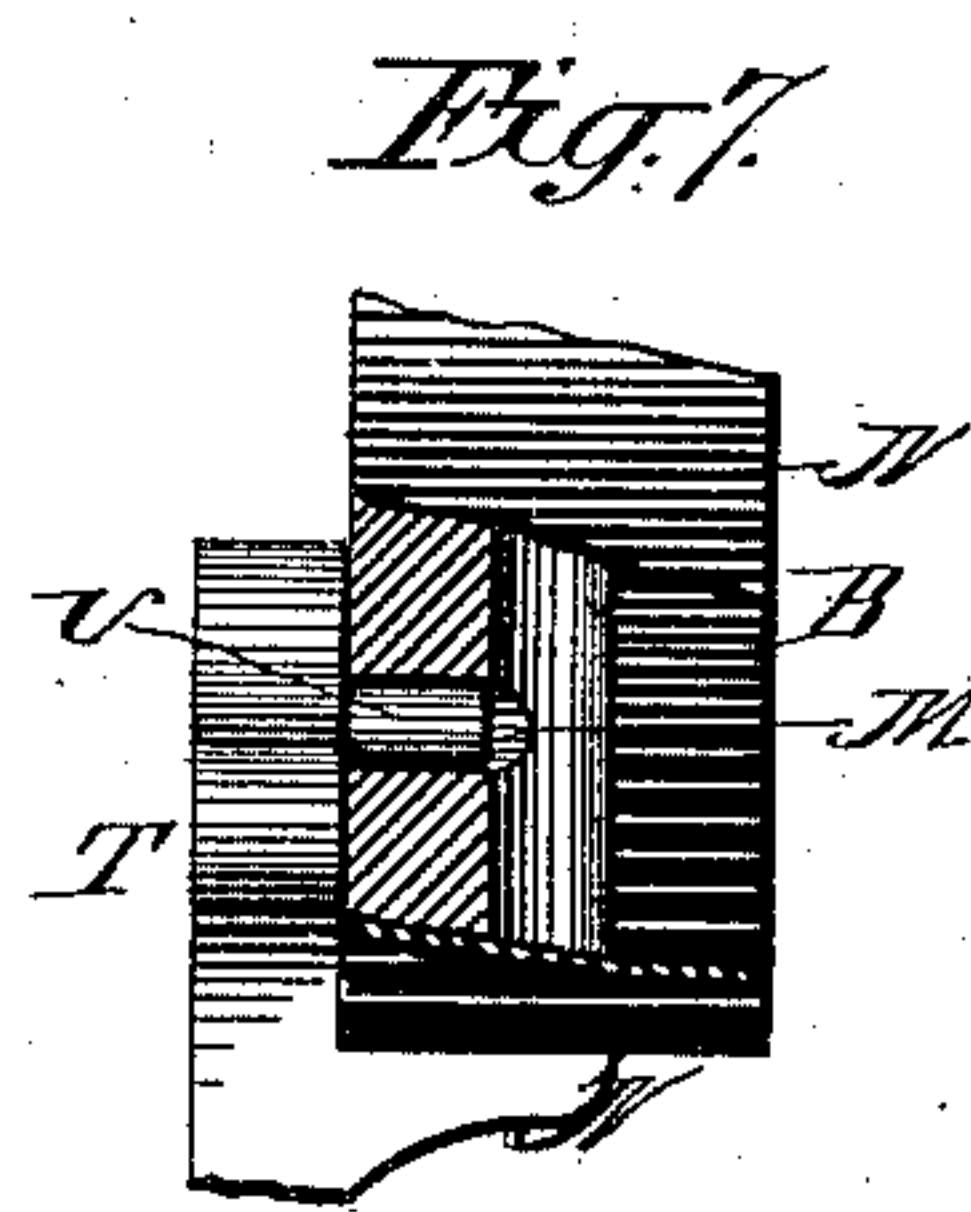
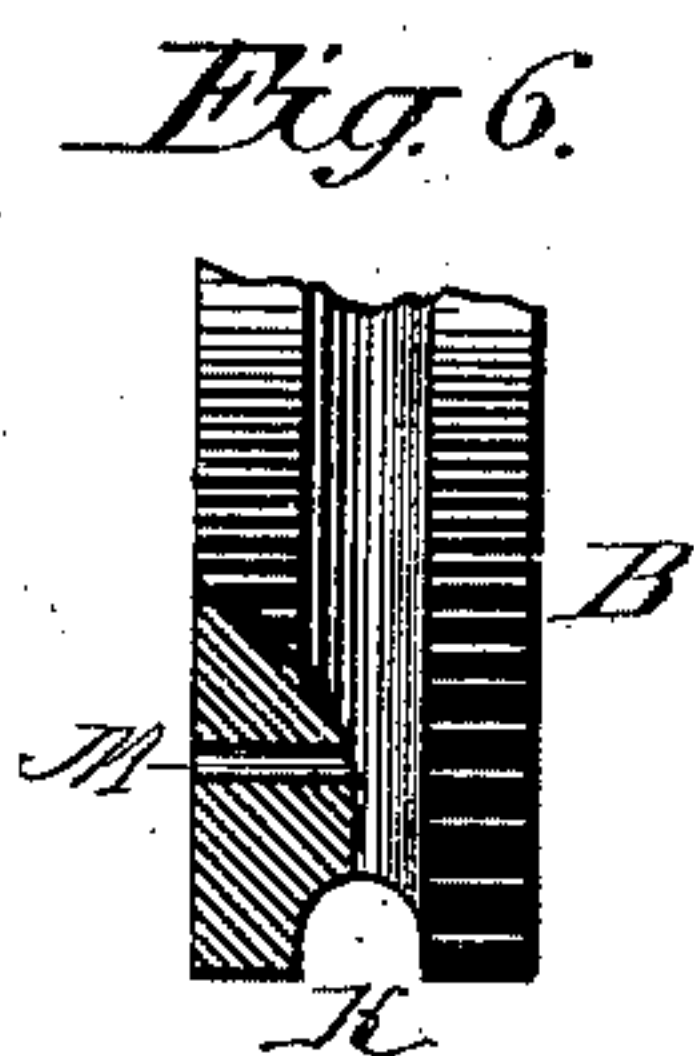
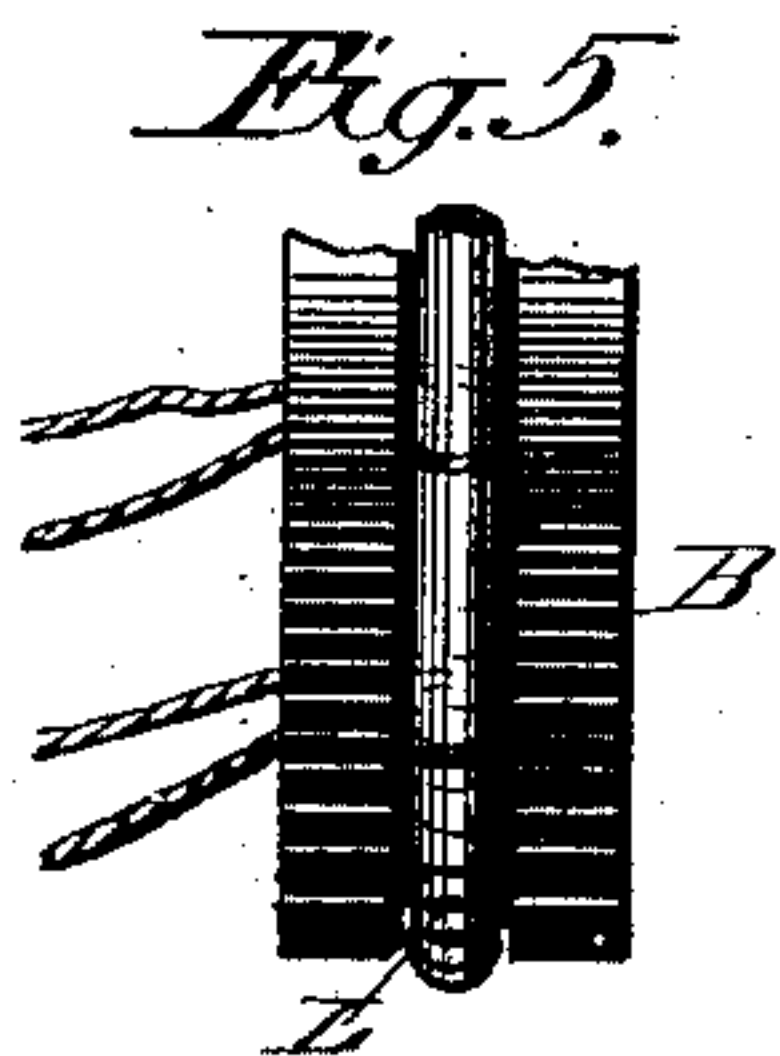
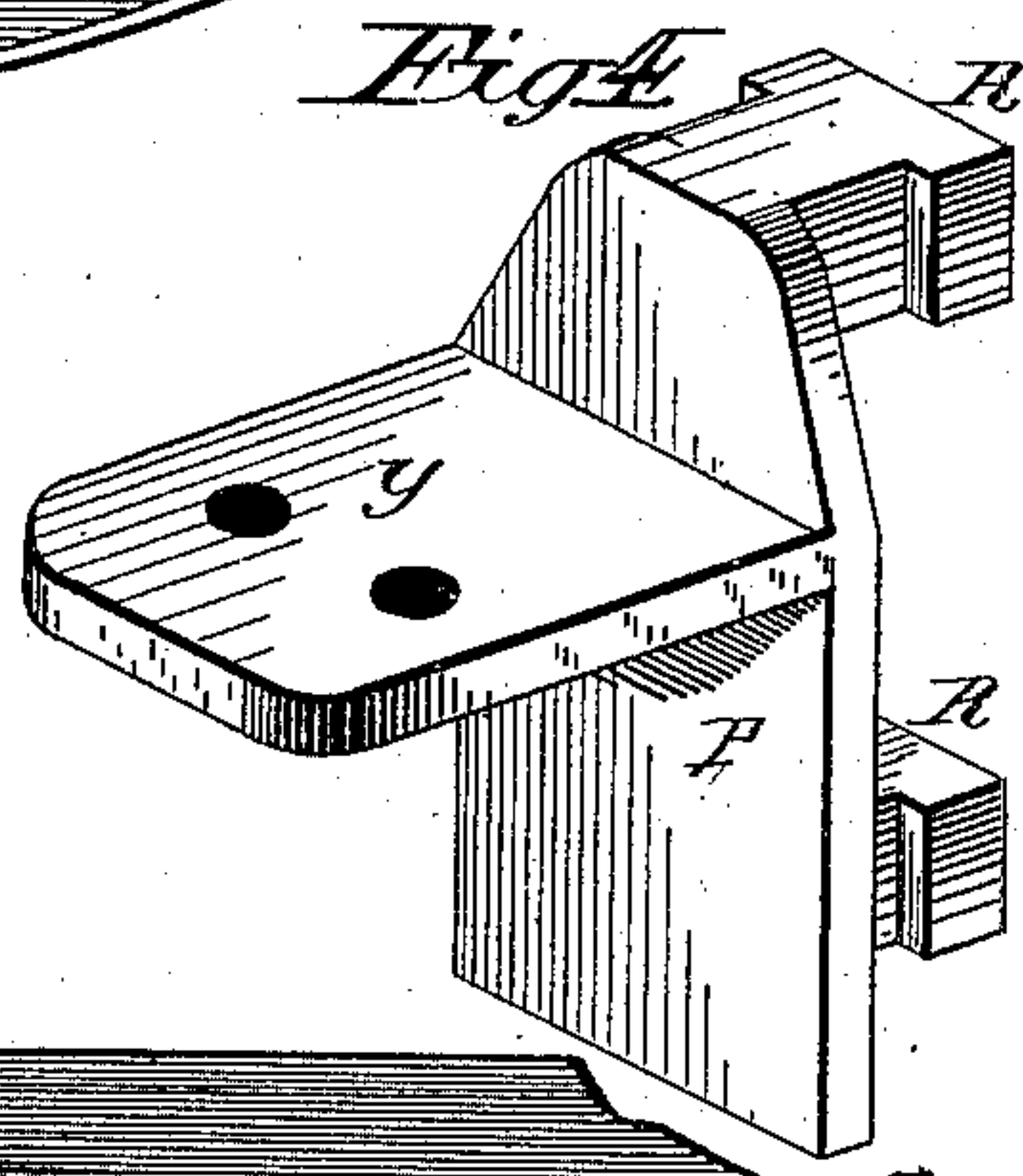
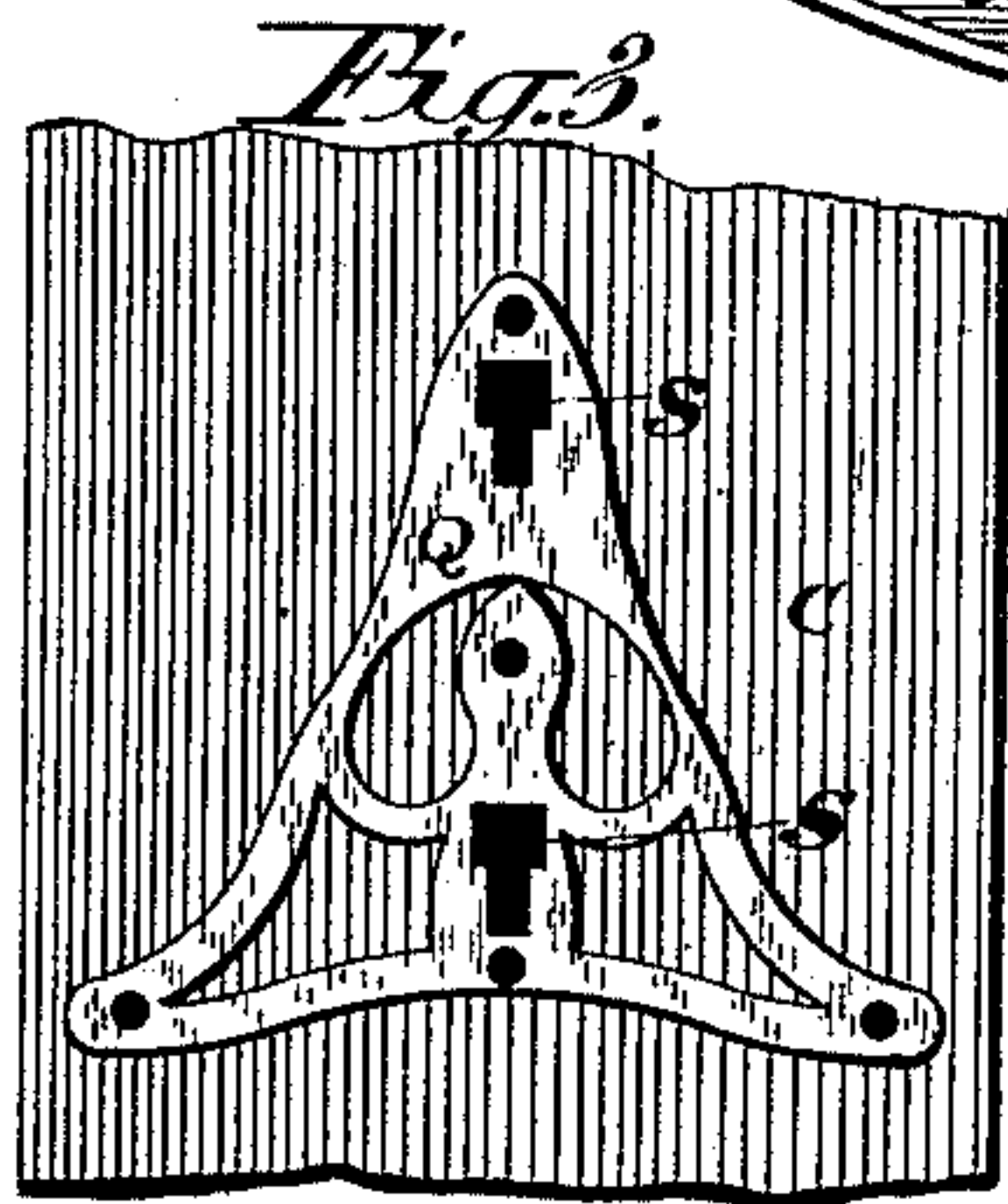
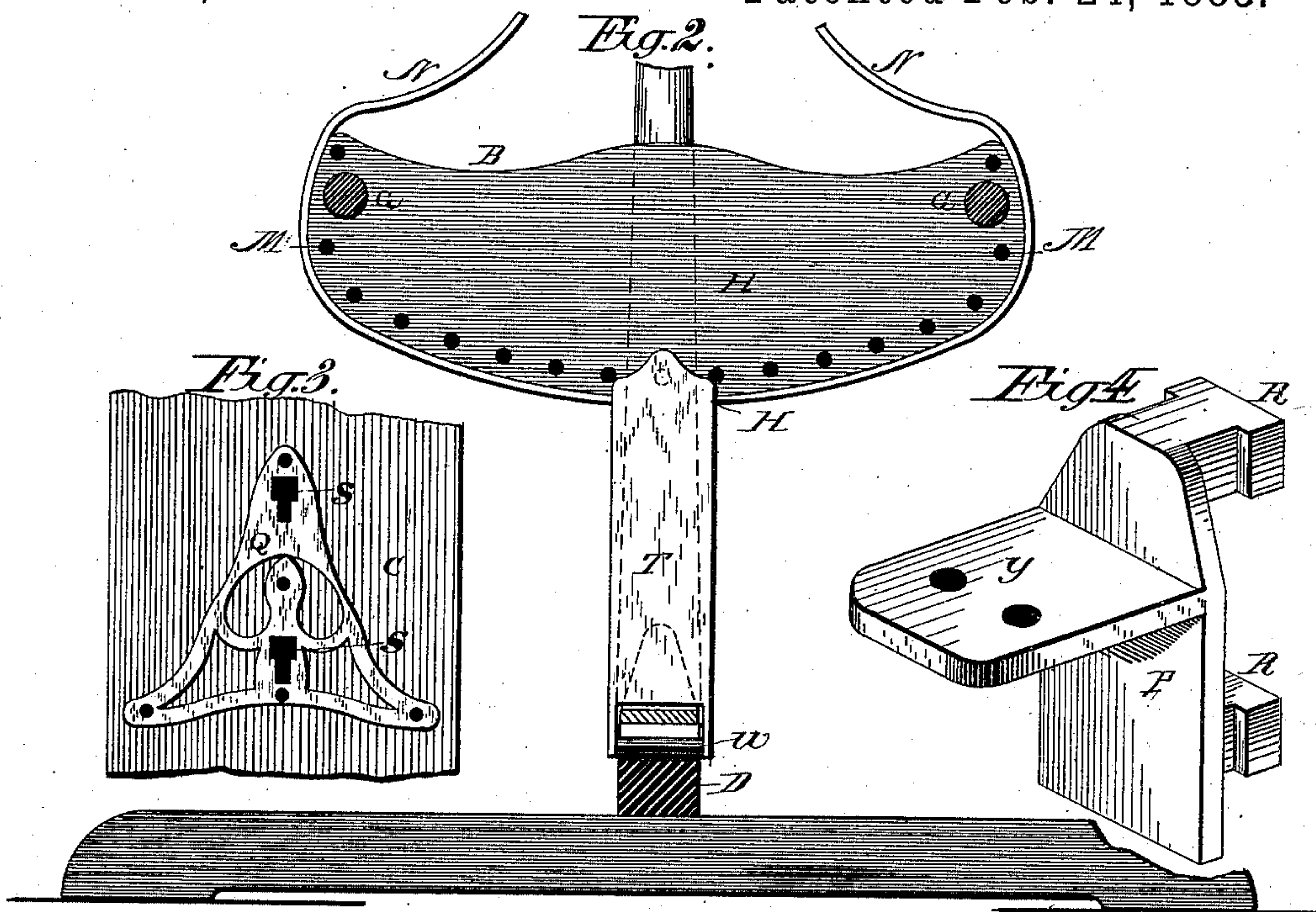
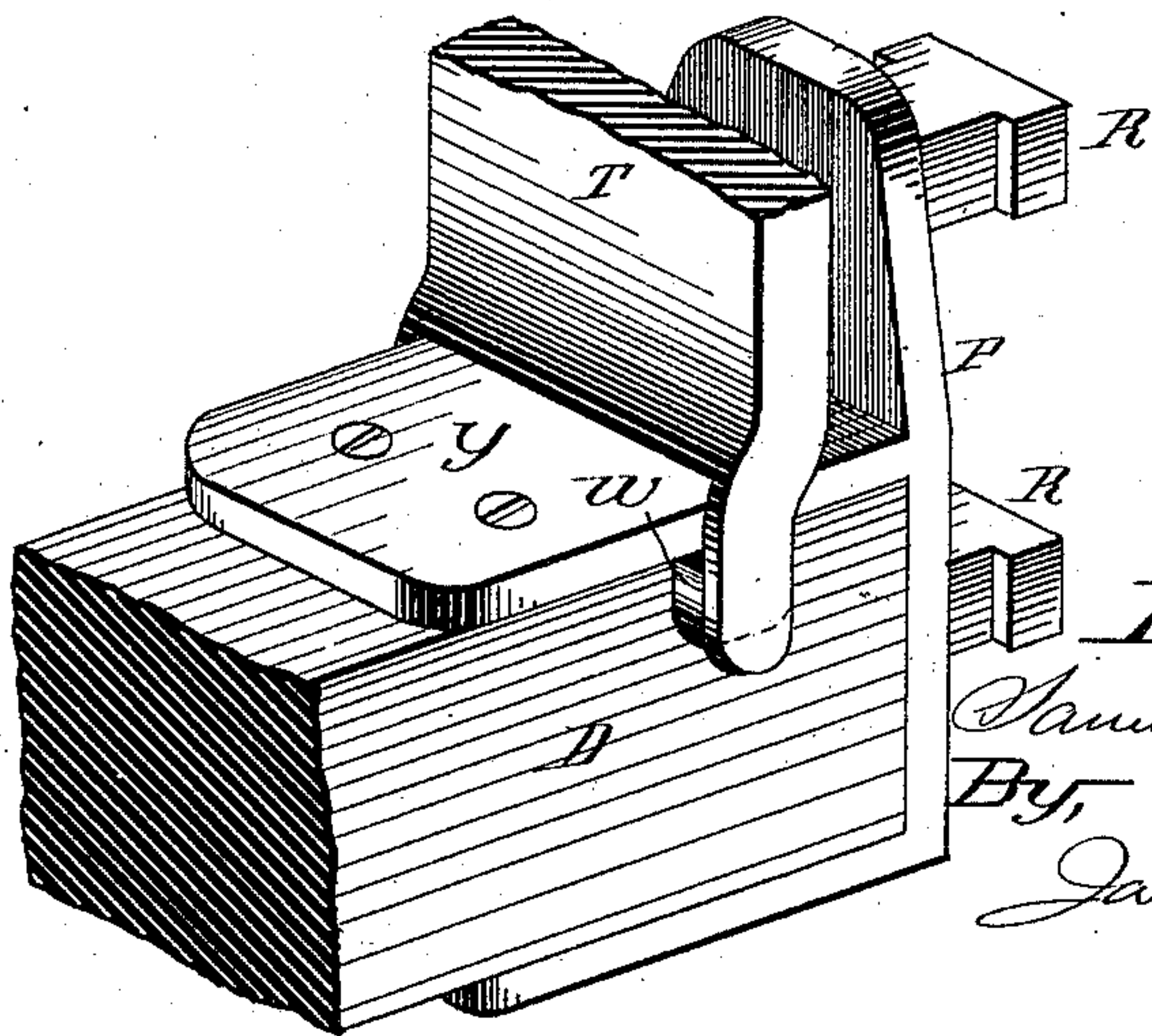


Fig. 8.



Witnesses:
C. B. Story.
W. J. Sinnott.

Inventor:
Samuel Kops.
By,
Jas. D. Ewins
Attorney.

UNITED STATES PATENT OFFICE,

SAMUEL KOPS, OF MILWAUKEE, WISCONSIN, ASSIGNOR TO REBECCA MESSENGER, OF NEW YORK, N. Y.

HAMMOCK AND CRADLE STAND.

SPECIFICATION forming part of Letters Patent No. 313,002, dated February 24, 1885.

Application filed August 21, 1883. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL KOPS, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Hammock and Cradle Stands; and I do hereby 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.

My invention relates to improvements in a combined hammock, screen-support, and supporting-frame.

The object of my invention is to provide a device which will serve a twofold purpose of hammock and bed, and which, if desired, may be used as an ordinary cradle.

My invention is further explained by reference to the accompanying drawings, in which Figure 1 represents a side view thereof. Fig. 2 is a cross-section. Figs. 3, 4, 5, 6, 7, 8, and 9 are details.

Like parts are represented by the same reference-letters throughout the several views.

A is the fabric of the hammock, which is formed of cord woven or knotted together in the ordinary manner.

B is a swinging frame for supporting the fabric. The frame B is suspended at its ends from the standards C C, which standards C C are connected together and retained in a vertical position by the horizontal bar D.

E is the screen or netting, which is supported above the hammock by the wire F. The respective ends of the wire F are fastened to the upper ends of the posts C C.

The frame B consists of the two side rounds or bars, G G, and end pieces, H H. The sides of the fabric A are attached to the bars G G by straps J J, while the respective ends of the fabric are secured to the end pieces, H H, in the grooves K K by retaining cords or wires L L. The meshes of the fabric are drawn into the grooves K through the series of holes M M, (shown in Fig. 2,) when the wire or

cord L is drawn through the meshes thus inserted, as shown in Fig. 5, whereby the ends of the fabric are permanently and securely retained. When the ends of the fabric are thus attached to the wire, the groove and wire are covered over by the suspending hangers N N, which hangers N N serve the twofold purpose of covering the wire L and supporting the hammock. The upper ends of hangers N are suspended from the bolts O O. (Shown in Fig. 1.)

To facilitate in attaching the bar D to the standards C C, said parts are provided with ordinary coupling-irons, P P and Q Q. The irons P P are attached to the respective ends of the bar D, and the irons Q Q are attached to the respective posts C C.

When desirous to couple the bar D to the standards, the T-irons R R are inserted through the upper ends of the holes S S, when they are pressed down into the slot or narrow part of said holes, whereby said irons are coupled firmly together.

When desirous to use the hammock as a bed and prevent it from swinging, the hinged pieces T T are thrown up in a vertical position against and beneath the end pieces, H H, as shown in Fig. 1. The upper ends of the pieces T T are provided with shoulders U U, which, when in the vertical position, engage beneath the lower edges of the ends H H and pins J, which enter one of the holes M, and thus prevent the hammock from swinging, while they aid in supporting the same. The lower end of the standards T are respectively provided with a slot, W, as shown in Figs. 2 and 8, for the reception of the plate Y, recesses being provided in the bar D, beneath said plate Y, for the reception of the lower ends of said standards, whereby said standards are free, when disengaged from said end pieces, H, to be turned down in a horizontal position upon the bar D. When the standards T are thus inclined downward, the hammock is free to swing on said bolts O O. The screen E is formed of ordinary mosquito-netting, the upper end of which is gathered together and fastened to the supporting-wire F, as shown in Fig. 1, while its lower end is pro-

vided with an elastic lacing-cord, A', by which the same, when brought around the hammock, is drawn together, as shown in Fig. 1, thus effectually excluding mosquitoes and other insects.

It is obvious that the respective ends of the wire F and bar D may be readily disengaged from the standards C and the parts separated from each other.

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

1. The combination of the standards C C, provided with pins O O, hangers N N, detachable cross-bar D D, end pieces, H H, provided with series of holes M M, and arms T T, hinged at their lower ends to said bar D, and provided with pins to engage in the holes

in the ends H H, as and for the purpose specified.

2. The combination of the end pieces, H H, having grooves K K and series of holes M M, communicating from the inner surface of said end pieces with said grooves, retaining rods or wires L L, hammock A, and hangers N N, the supporting-meshes of the hammock being inserted through the holes of said series, and retained therein by said rods or wires, substantially as set forth.

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

SAMUEL KOPS.

Witnesses:

C. T. BENEDICT,

CLARENCE B. STORY.