

W. HUNTRESS.
WORK-BOX.

No. 188,518.

Patented March 20, 1877.

Fig. 1.

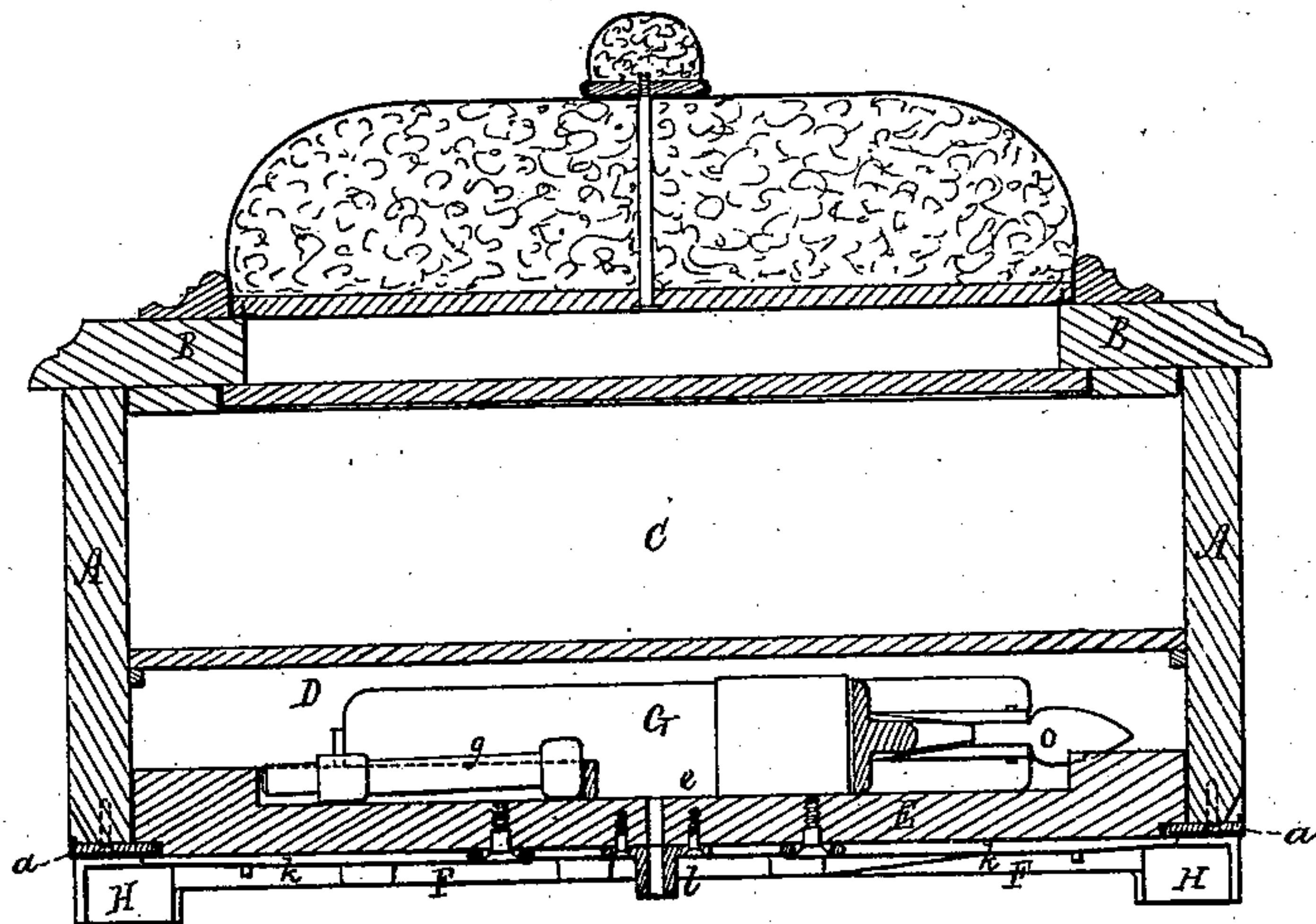
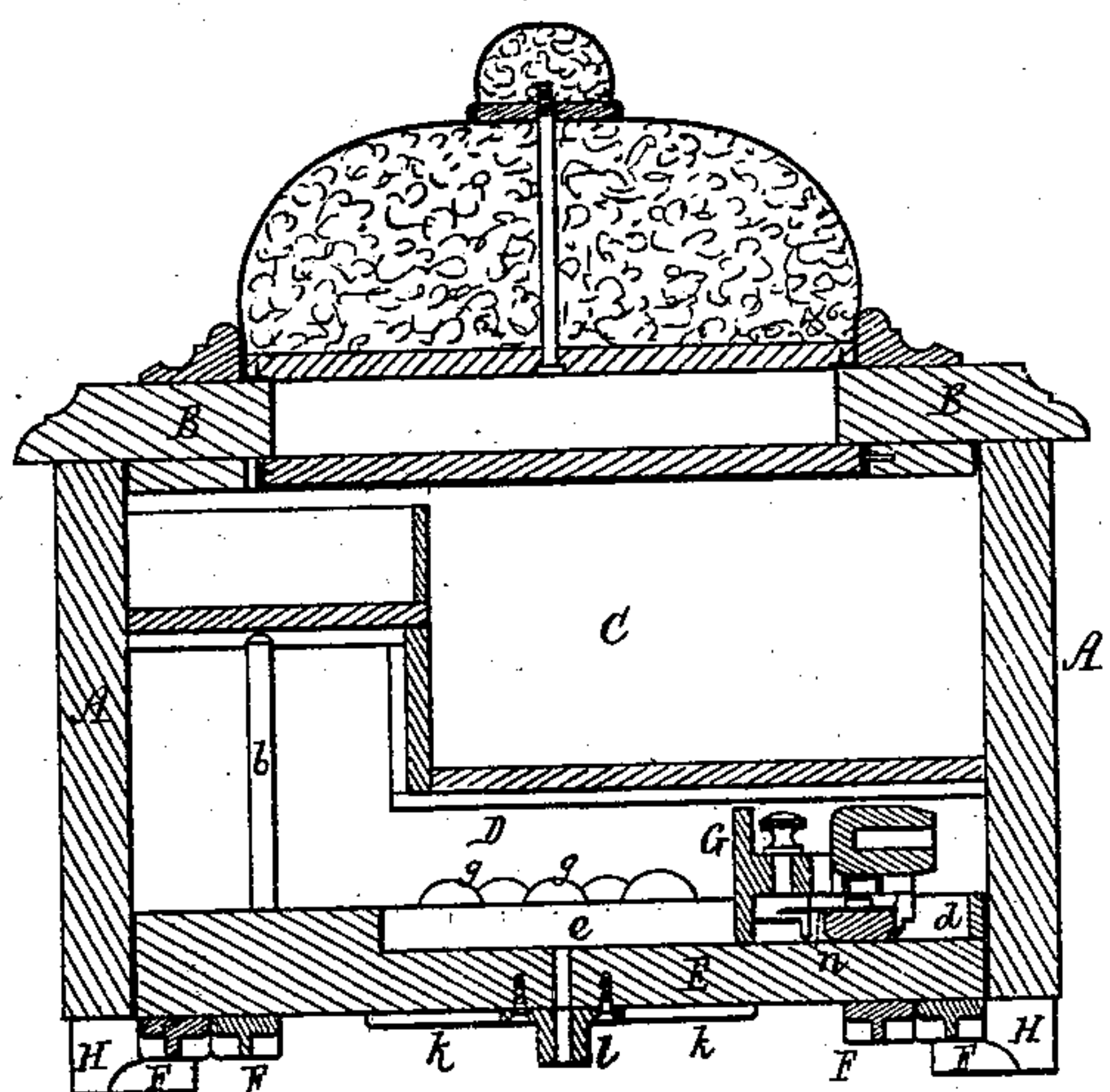


Fig. 2.



Witnesses
S. W. Piper
L. W. Miller

Wm. Huntress
by his attorney
R. H. Eddy

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Fig. 3.

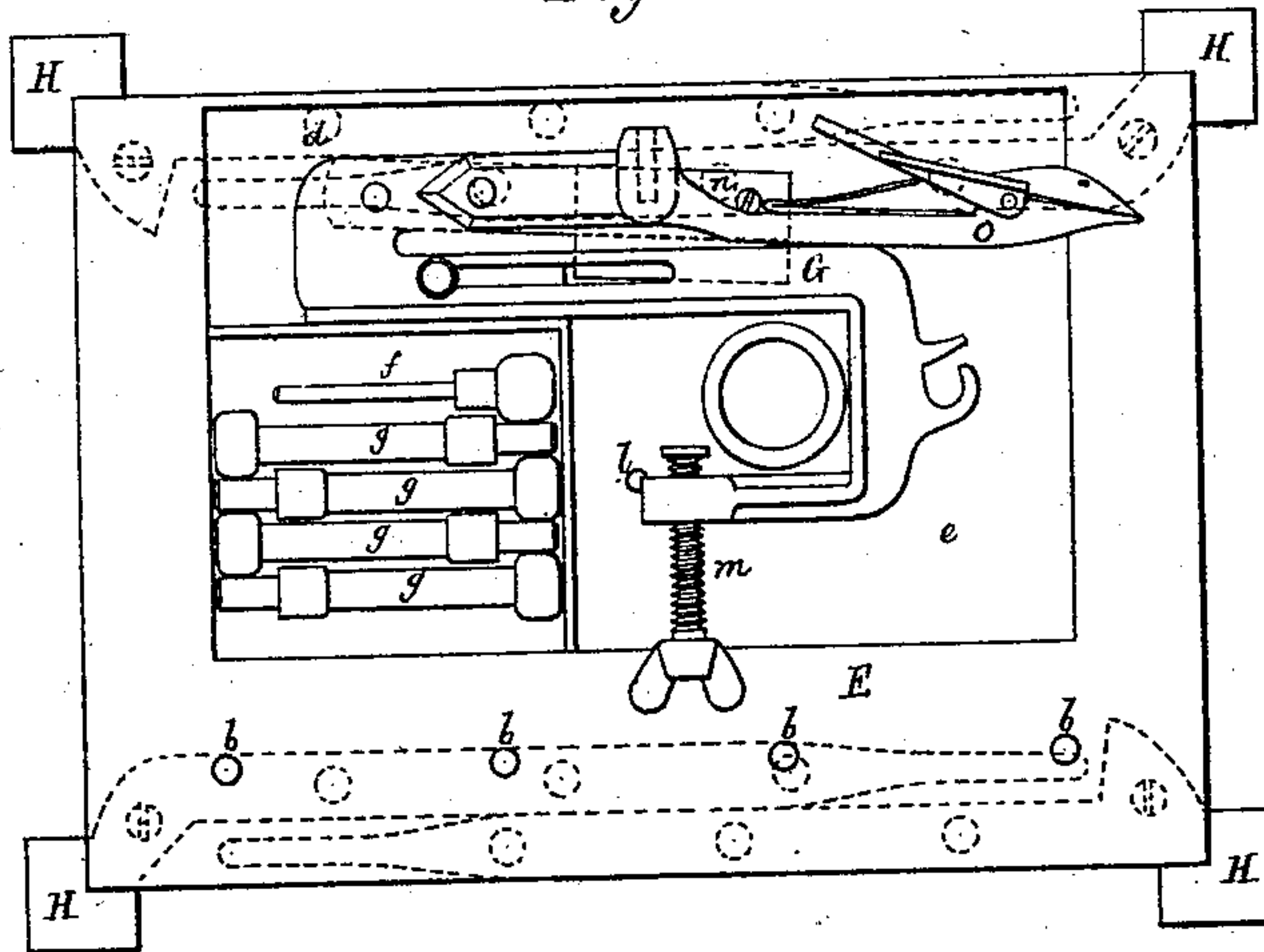
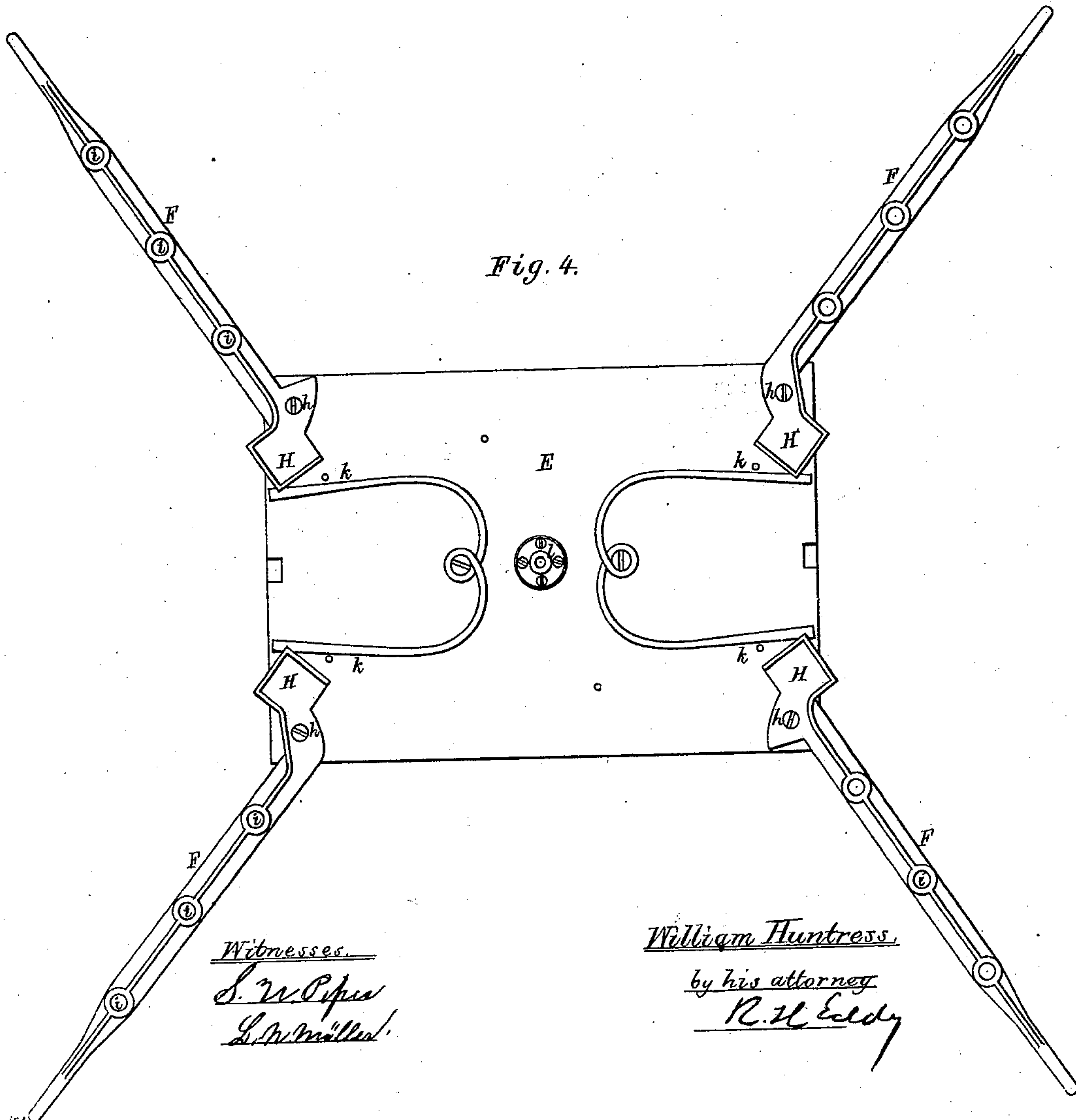


Fig. 4.



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S. W. Piper
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UNITED STATES PATENT OFFICE

WILLIAM HUNTRESS, OF LOWELL, MASSACHUSETTS.

IMPROVEMENT IN WORK-BOXES.

Specification forming part of Letters Patent No. 188,518, dated March 20, 1877; application filed February 6, 1877.

To all whom it may concern:

Be it known that I, WILLIAM HUNTRESS, of Lowell, of the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Work-Boxes; and do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a longitudinal section, and Fig. 2 a transverse section, of a work-box embodying my invention. Fig. 3 is a top view, and Fig. 4 an under-side view, of its movable bottom.

My invention consists, first, in the work-box body, in combination with a movable bottom and a series of arms applied thereto, as described; second, in the combination of a box-foot with each of the arms, so as to be in one piece and movable with it; third, in the work-box provided with two separate chambers, and with the movable bottom and a series of spool-supporters erected on the latter; fourth, in the movable bottom, a series of arms, and a series of latching-springs applied to the said bottom, all being substantially as hereinafter explained.

The body A of the box has, besides its cover B, two separate chambers, C D, arranged as shown. It is also provided with a movable bottom, E, to the lower of the said chambers, such bottom being held in place by two turn-buttons, a a, applied to the body.

The said bottom has a series of spool-carriers, b b b b, erected on it, and, besides, it has compartments or recesses d e f, for holding the clamp G, and the pins or studs g of a series of arms, F F F F, formed and arranged with and pivoted to the said bottom, as shown. Each of the said arms projects from and is in

one piece with one of the feet H of the bottom, and is secured to the bottom by a screw, h, upon which the arm can be turned from the position as shown in Fig. 4 into that shown in Fig. 1. Furthermore, each arm has a series of holes, i i i i, in it to receive one or more of the pins g. Notched springs k, formed and applied to the bottom in manner as shown, serve to latch the arms and retain them in their oblique or outer positions.

At the center of the bottom E is a hole or a pivot-receiver, l.

The said movable bottom and the arms and the pins constitute a reel for receiving a skein of thread. When used it is to be pivoted to the clamp G by means of a pin passed through the bottom and into the clamp, the clamp being supposed to be fixed to a bench or table.

The said clamp, as shown, is a compound article, consisting of a screw-clamp, m, a button-hole cutter, n, and a sewing-bird, o, arranged as represented.

I claim—

1. The work-box body A, in combination with the movable bottom E, and the series of arms F applied thereto, as and for the purpose specified.

2. The box-foot H and the arm F, arranged and combined as set forth.

3. The work-box provided with the two chambers C D and the movable bottom E, furnished with the series of spool-supporters b.

4. The movable bottom E, the series of arms F, and latching-springs k, arranged and combined as set forth.

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Witnesses:

R. H. EDDY,

J. R. SNOW.