

W. HUNTRESS.  
WORK-BOX.

No. 188,518.

Patented March 20, 1877.

Fig. 1.

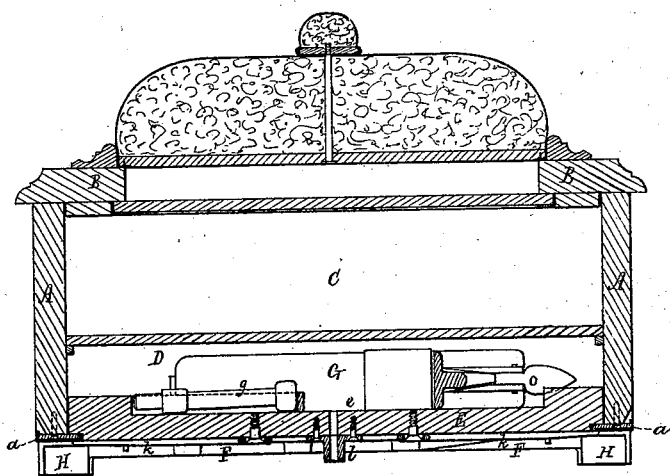
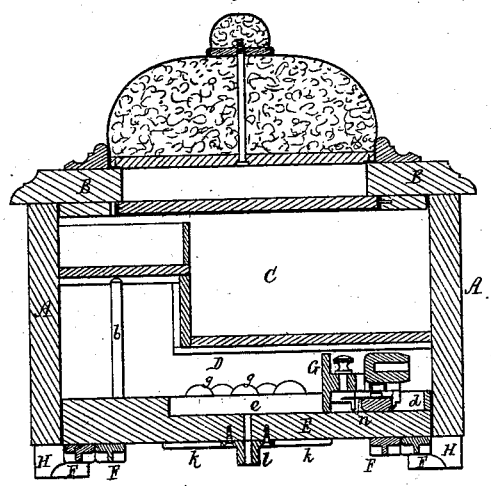


Fig. 2.



Witnesses.  
*S. W. Piper*  
*L. W. Miller*

*Wm. Huntress*  
 by his attorney  
*R. H. Eddy*

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Fig. 3.

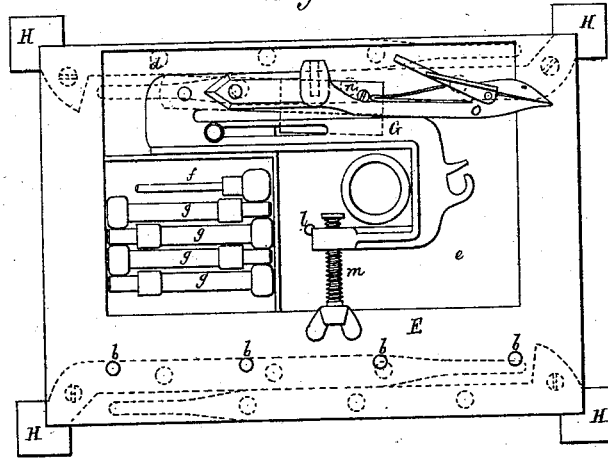
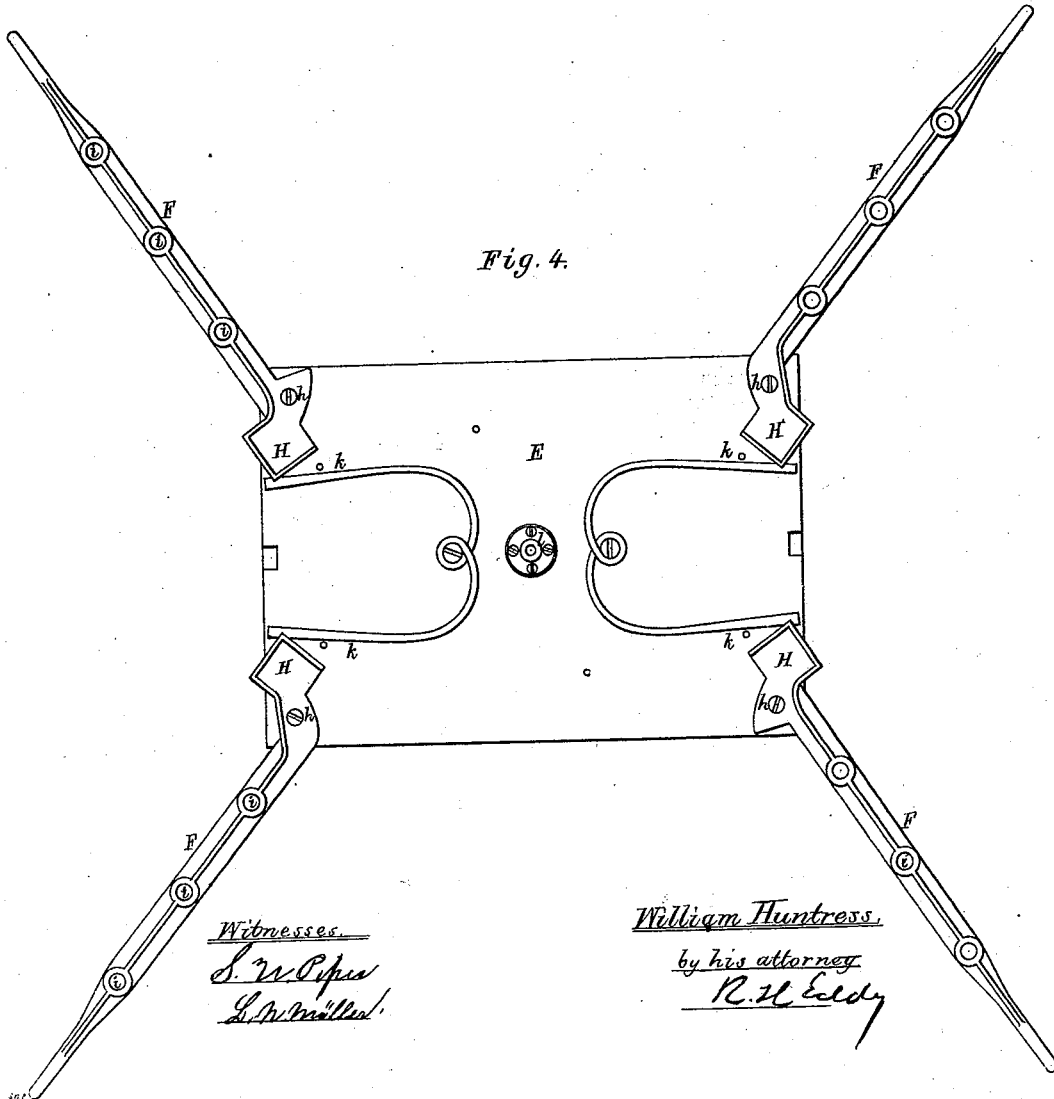


Fig. 4.



Witnesses.  
*S. W. Cipes*  
*G. M. Miller*

*William Huntress*  
by his attorney  
*R. H. Eddy*

# 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.

WILLIAM HUNTRESS.

Witnesses:

R. H. EDDY,  
J. R. SNOW.