

(No Model.)

S. L. SAUNDERS.
SPOOL HOLDER.

No. 467,549.

Patented Jan. 26, 1892.

Fig. 1.

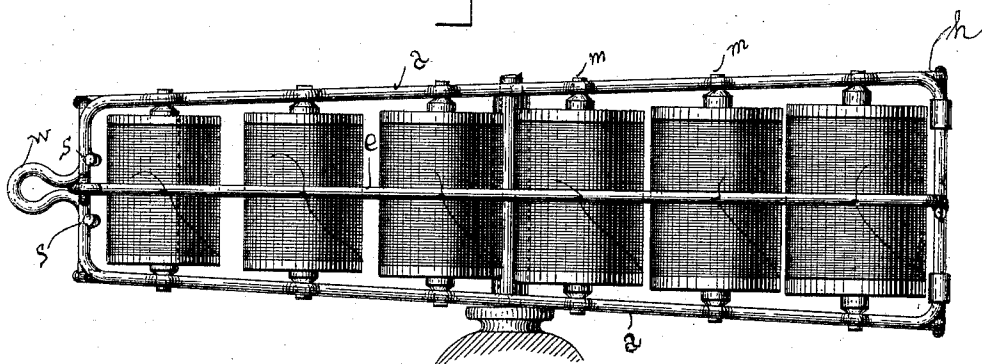


Fig. 3.

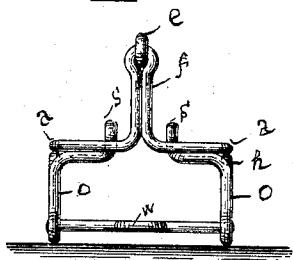
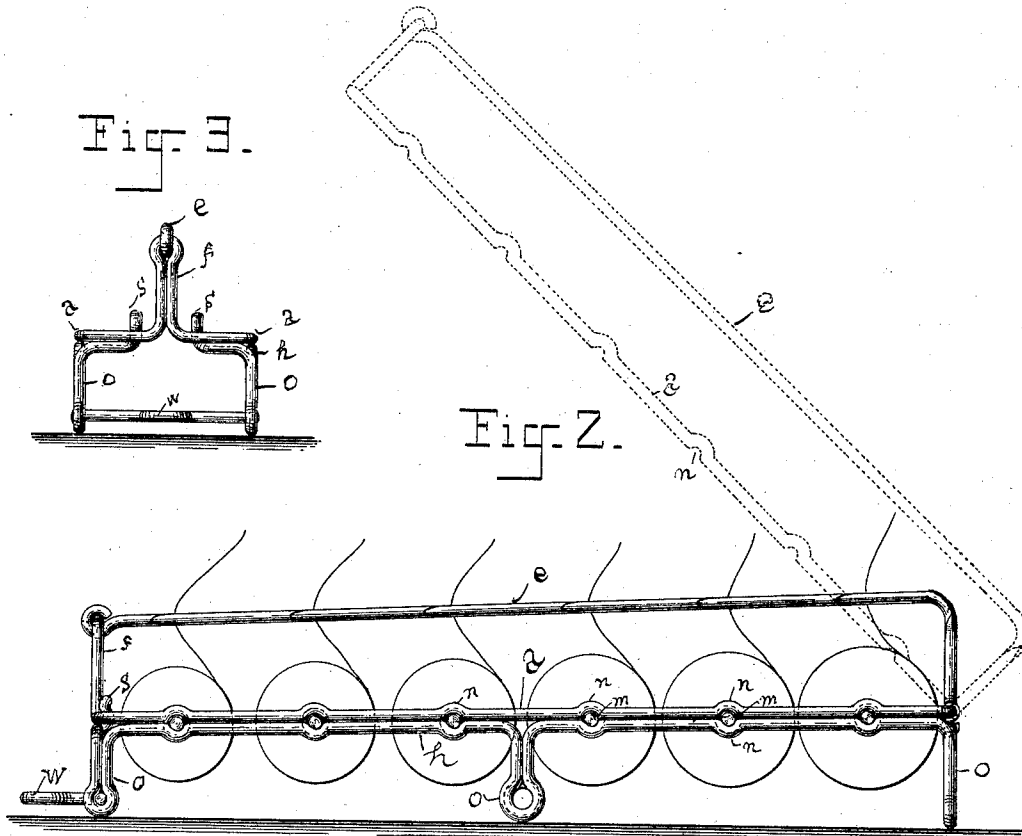


Fig. 2.



Witnesses.

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UNITED STATES PATENT OFFICE.

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SPOOL-HOLDER.

SPECIFICATION forming part of Letters Patent No. 467,549, dated January 26, 1892.

Application filed November 27, 1891. Serial No. 413,176. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL L. SAUNDERS, of Lynn, in the county of Essex and Commonwealth of Massachusetts, have invented certain Improvements in Thread-Spool Holders, of which the following, taken in connection with the accompanying drawings, is a specification.

This invention relates to a device for holding spools of sewing-thread, and has for its object to provide an economical and convenient device whereby thread-spools may be supported in aggregation and moved about at will.

In the accompanying drawings, Figure 1 is a plan view of a device embodying this invention, represented as combined with a section of a sewing-machine frame. Fig. 2 is a side elevation of the invention, represented as detached from a machine and supported against a wall or table; and Fig. 3 is an end elevation of the device.

As represented in the present instance, the device is made in two parts or frames *a h*, each part being formed of wire and hinged together. The upper part or frame *a* is provided with a bend *f*, to which is attached one end of a thread-guide *e*, as represented. Said thread-guide *e* is bent to connect with the opposite end of said upper part *a*, and is supported thereon above and out of engagement with the thread-spools, and is provided with slits to receive and hold thread ends, substantially as represented. Said upper part of frame *a* is hinged at one end to the lower part or frame *h*, so as to permit its being swung away from the same, as represented by dotted lines in Fig. 2. The part *a* is bent to form end and side bars, as represented, and the side bars are provided with curvatures *n*, which co-operate with similar curvatures in the side bars of part *h* to form openings for receiving journal-pins *m*, on which journal-pins the thread-spools are supported, as shown. The part *h* is also bent to form end and side bars conformable to the end and side bars or part *a*, and is further bent to form projections *o*, which operate as feet to support the device on a table or in position to allow free movements of the thread-spools. As herein shown, the wire of which lower part *h* is composed is made to terminate its ends in a manner to form spring-caps *s* for holding the two parts in combina-

tion, as fully represented in the drawings. The loop *w* is preferably combined with the legs at one end of the device, whereby it may be hung.

The device may be attached to the framework of a sewing-machine by any suitable pin, which to that end is passed through the central legs *o* and clasped in any suitable manner, substantially as represented in Fig. 1.

A device of this character is convenient for transportation. It may be caused to hold any desirable number of spools and moved about at will. Spools may be removed or introduced into the device by swinging the part *a* outwardly, as represented in dotted lines in Fig. 2.

Having thus described my invention, I claim—

1. The herein-described spool-holder, comprising upper and lower frames *a h*, each formed with side and end bars, said upper and lower frames being hinged together at one end, and a locking device at the opposite end, the side bars of the frame being provided with curvatures for receiving journal-pins, substantially as described.

2. The herein-described spool-holder, comprising the upper and lower wire frames *a h*, hinged together at one end, each frame being composed of end and side bars, a thread-guide *e*, attached to the upper frame, said side bars being provided with curvatures, and a locking device for holding the parts together, substantially as described.

3. The herein-described spool-holder, comprising the upper and lower frames *a h*, hinged together at one end, the frame *a* being formed of wire having end and side bars, and a thread-guide attached to the end bars, the lower frame *h* being also formed of wire and having also end and side bars, the wire at one end of the lower frame being provided with spring-caps, as *s*, the side bars of both frames having curvatures for the reception of the journal-pins, the lower frame being also provided with projections *o*, substantially as described.

Signed at Lynn, Massachusetts, this 11th day of November, A. D. 1891.

SAMUEL L. SAUNDERS.

Witnesses:

E. E. HAMILL,
A. M. TUTTLE.