(No Model.)

W. J. HAAS.

SPOOL HOLDER.

No. 462,702. Patented Nov. 10, 1891.

Fig. 1.

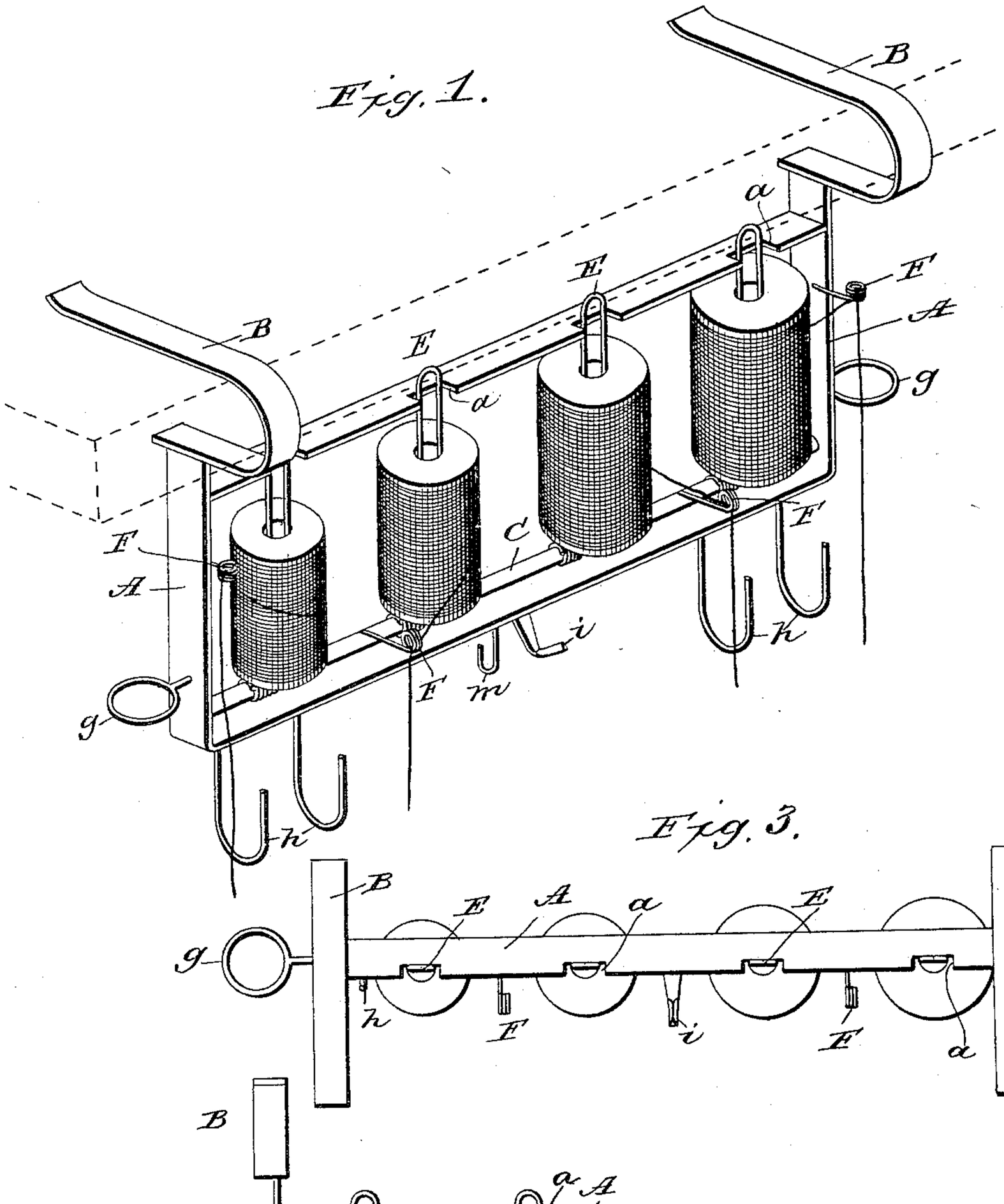
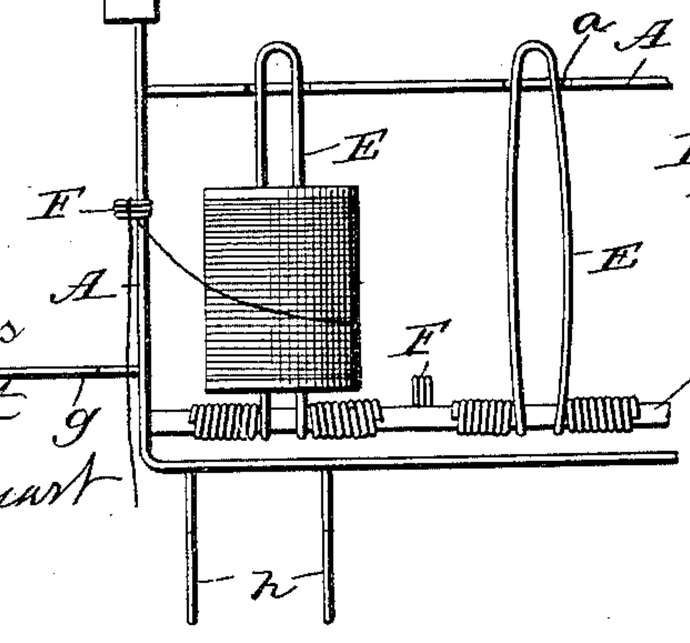


Fig. 3.

Fig. 2.



Witnesses
E. D. Smith
Alex Stewart

Inventor
Wm. John Haas.
By
Louis Fraser & Co
his Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM JOHN HAAS, OF ST. PAUL, MINNESOTA.

SPOOL-HOLDER.

SPECIFICATION forming part of Letters Patent No. 462,702, dated November 10, 1891.

Application filed April 7, 1891. Serial No. 387,912. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM JOHN HAAS, of St. Paul, in the county of Ramsey and State of Minnesota, have invented certain new and useful Improvements in Holders for Spooled Thread and Sewing-Instruments; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the letters of reference marked thereon.

This invention has for its object to provide a simple and convenient device for attachment to a sewing-table or other support to hold the spools of thread, scissors, thimbles, and other instruments and articles used in sewing, &c.; and it consists in a device having certain novel details of construction and combinations and arrangements of parts to be hereinafter described, and pointed out particularly in the appended claims.

In the accompanying drawings, Figure 1 is a perspective view of a device constructed in accordance with my invention. Fig. 2 is a detail front elevation of one end with the spool removed. Fig. 3 is a top plan view.

Like letters of reference indicate the same parts in all the figures.

A A indicates the frame, which is preferably rectangular and made of metallic strips, the end strips being extended up and provided with spring hooks or clamps B at the top, such hooks or clamps being adapted to fit over the edge of the table or support, as shown in Fig. 1, wherein the table-top is indicated in dotted lines.

At the bottom of the frame and preferably within the same is secured a cross-bar C, held by solder or other desired fastening, and upon this bar are mounted a series of spool-holding spindles E, the number of which and the length of the main frame may be varied to suit the number of spools to be held. These spindles are spring-pressed, each being formed of spring-wire, the ends of which are coiled around and attached firmly to the cross-bar by solder or otherwise, while the middle section is bent into a loop which constitutes the spindle. The portion of the loop lying about central of the spool is spread or enlarged to bear with a spring-pressure against the inside of the spool and form a spring-brake to prevent the same from rotating by momentum or from being rotated accidentally and so unwinding the thread. The top piece of the frame forms a stop against which the spindles rest, and has formed therein a series of recesses *a* for the reception of the ends of the spindles to prevent lateral movement, and it will be noted that with this construction the spools are brought beneath said top bars and are held thereby against any undue upward movement or removal unless the spindle be first drawn out against the tension of the spring far enough for the edge of the spool to pass.

At a point adjacent each spool is secured a spring eye or guide F, which acts in a measure as a take-up for the loose end of the thread and to hold the same in place to be easily and quickly grasped and drawn out when desired.

Suitable holders for the various instruments and articles used in sewing are secured around the frame. For instance, at each end are secured rings or holders *g* for thimbles, &c., and at the bottom at each side hooks *h* for scissors, while at the center or other suitable point is a knife hook *i* for cutting the thread, and back of this thread-cutter is a hook *m*, upon which a pincushion or needle-holder can be hung.

The device, it will be seen, is simple, easily constructed, of inexpensive materials, and will be found to be exceedingly convenient and handy, both because it keeps the sewing articles together in position for instant use and because any of the articles can be easily and quickly removed and replaced, even to the spools of thread, which may be drawn forward and removed or replaced by a single movement, as will be readily understood.

Having thus described my invention, what I claim as new is—

1. In a holder such as described, the combination, with the rectangular frame having the top piece and bottom bar, of the series of pivoted spring-pressed spindles for the spools of thread connected to the bottom bar and bearing against the top piece, substantially as and for the purpose set forth.

2. In a holder such as described, the combination, with the rectangular frame having

the top piece and bottom bar and the supporting-clamps above the frame, of the spring-spindles pivotally secured to the bottom bar and bearing against the top piece, substantially as described.

3. In a holder such as described, the combination, with the frame having the top cross-piece and bar at the bottom, of the series of spindles formed of loops of spring-wire having their ends coiled around and secured to the bar at the bottom and resting against the cross-piece at the top, substantially as described.

4. In a holder such as described, the combination, with the rectangular frame having the series of spring-pressed spindles for spools, of the spring clamping-hooks at the top, substantially as described.

5. In a holder such as described, the combination, with the bottom bar, of the spindles formed of spring-wire having both ends secured to said bar and formed into coils extending in opposite directions, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WILLIAM JOHN HAAS.

Witnesses:
P. W. FARICY,
LOUIS FEESER, Jr.