

No. 633,404.

Patented Sept. 19, 1899.

F. E. WARBURTON

SPOOL BOX.

(Application filed July 19, 1898.)

(No Model.)

Fig. 1

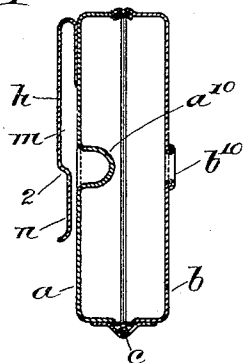


Fig. 2.

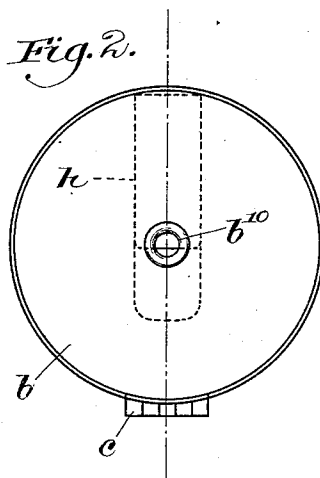


Fig. 4.

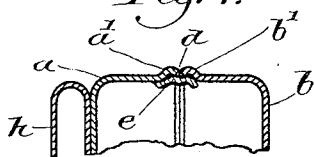


Fig. 3

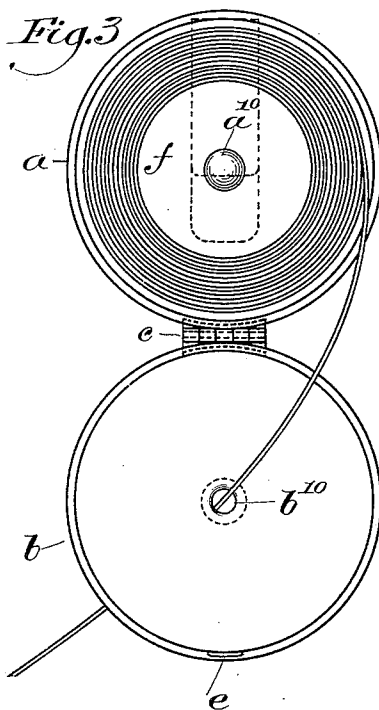
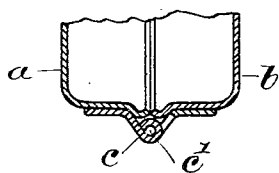


Fig. 5.



Witnesses:

A. C. Harmon.

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UNITED STATES PATENT OFFICE.

FRANK E. WARBURTON, OF PAWTUCKET, RHODE ISLAND.

SPOOL-BOX.

SPECIFICATION forming part of Letters Patent No. 633,404, dated September 19, 1899.

Application filed July 19, 1898. Serial No. 686,328. (No model.)

To all whom it may concern:

Be it known that I, FRANK E. WARBURTON, of Pawtucket, county of Providence, State of Rhode Island, have invented an Improvement in Crochet-Cabinets, of which the following description, in connection with the accompanying drawings, is a specification, like letters and numerals on the drawings representing like parts.

This invention has for its object the production of a novel cabinet to contain thread to be used for crotcheting, &c.

My improved cabinet is composed of two similar circular cup-shaped halves composed of sheet metal, one of said halves, (the base,) having a hollow post integral with the bottom part thereof, while the other or cover half has a thread-delivery. The two halves are hinged together, and one part has inside its flange one or more catches to cooperate with a suitable annular rib or groove of the other half, one part having an attaching-hook by which the cabinet, with its inclosed spool, may be hung on a belt surrounding a lady's waist.

Figure 1 represents one of my improved cabinets in cross-section; Fig. 2, a face view of the same. Fig. 3 shows the cabinet open and containing a spool of thread or silk. Fig. 4 is an enlarged partial section chiefly to show one of the catches employed to keep the cabinet closed, and Fig. 5 is a similar section, enlarged, to show the joint used to connect the two halves.

The cabinet is composed of a base-half a and a cover-half b , united by a suitable hinge-joint c . Each of these two halves is composed of thin sheet metal struck up in a die to leave cup-shaped portions, the edges of the cups presenting a concavo-convex bead a' b' , the convex part of the bead being outermost, as thereby it is possible to leave a well-defined crease d , in which a thumb or finger nail may be easily entered when it is desired to open the cabinet. Inside the cover b , as herein shown, I have added one or more catches e , one part of said catches being soldered in the concavity of the concavo-convex groove, say, of the cover, leaving the free end of said catch extended in a yielding manner beyond the edge of said cover to enter the open end of the base and engage the concavity of the concavo-convex groove. This catch springs into said concavity and keeps the cabinet closed.

The base a of the cabinet has a central hol-

low post or holder a^{10} , which is formed by striking into the base a portion of the metal constituting its end, and on this post I slip the spool f , so that said spool is furnished with a center about which it may turn as the thread or silk on the spool is unwound in use. The thread is led from this spool through a delivery opening or eye b^{10} , presenting a thickened, rounded, or finished edge, said eye being represented as formed by spinning or overturning on itself, as in Fig. 4, a part of the metal forming the end of the cover. By spinning over or rounding the edge of the delivery-eye, as shown, an enlarged smooth edge is presented, which in no way scrapes or frays the thread being unwound from the spool.

The base of the cabinet has suitably attached to it, preferably by soldering, an engaging device h , shown as a sheet-metal hook bent or shaped substantially as shown in Fig. 1, to leave a space m to receive within it a belt worn by a lady, the free end of said engaging device being shown as bent inwardly to leave a shoulder 2 to meet the under edge of the belt, or if the belt is wider than the space m then the pad n , left at the end of the engaging device, will act by pressure on the belt to keep the cabinet properly seated on the belt. The hinge-halves are so bent or shaped as to fit and rest on the outer walls of the base and cover, the part of the hinge carrying the pintle c' being offset to cross the beaded edges of the base and cover.

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

A cabinet for holding crotchet or other thread and composed of two similar cup-shaped parts, the one a base and the other a cover hinged thereto, the former being provided with an integral hollow post extended into the interior of the base, and the latter being provided with a central thread-delivery eye, the edges of which present a convex rounded surface, and a catch on the interior of one part adapted to engage the edge of the other part and hold them closed.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRANK E. WARBURTON.

Witnesses:

HARRY T. WARBURTON, Jr.,
S. F. AINSWAGH.