

(No Model.)

J. P. FRALEY.
SILK OR THREAD PACKAGE.

No. 534,390.

Patented Feb. 19, 1895.

Fig. 1

Fig. 2.

Fig. 3.

Fig. 5. Fig. 6.

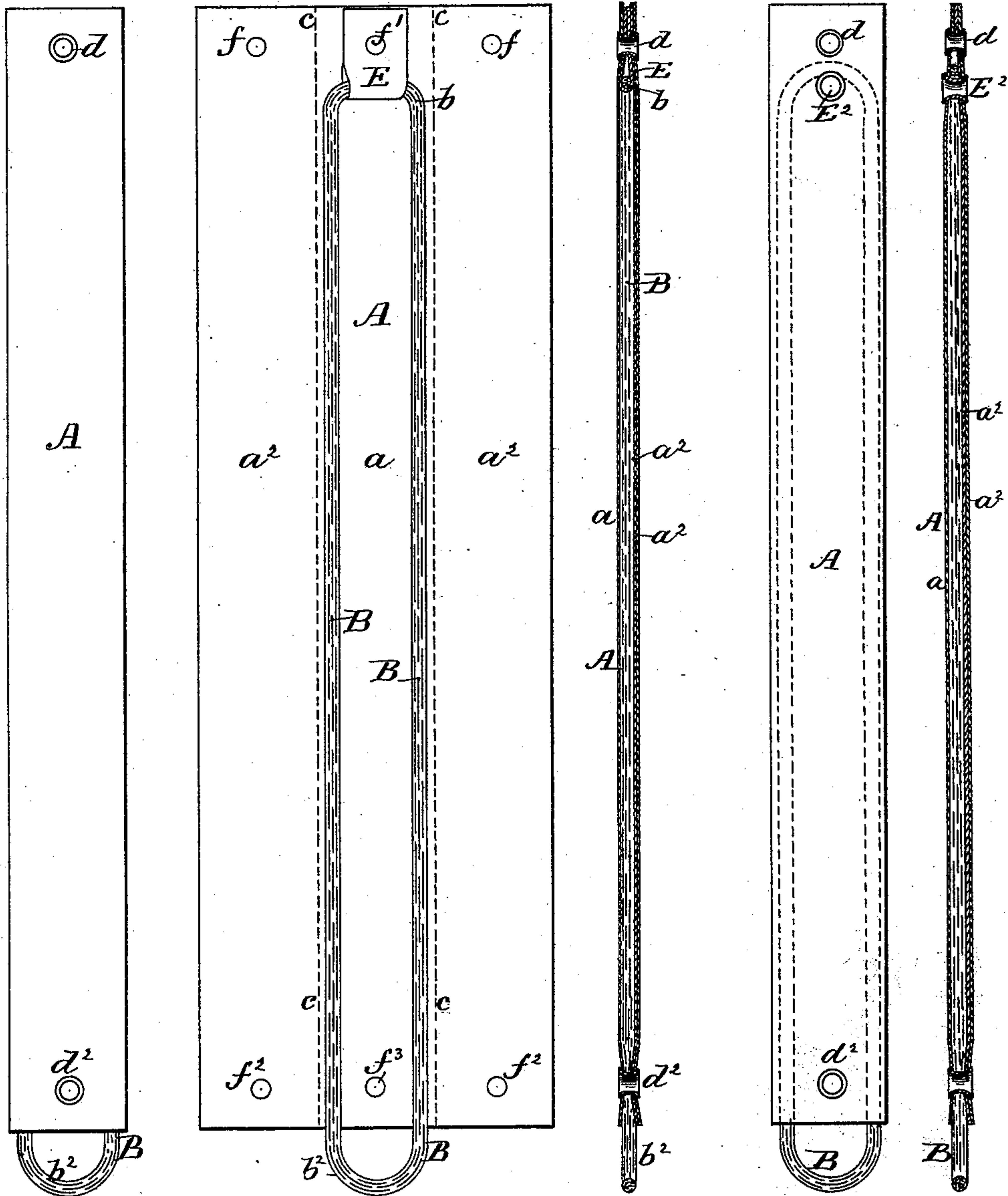
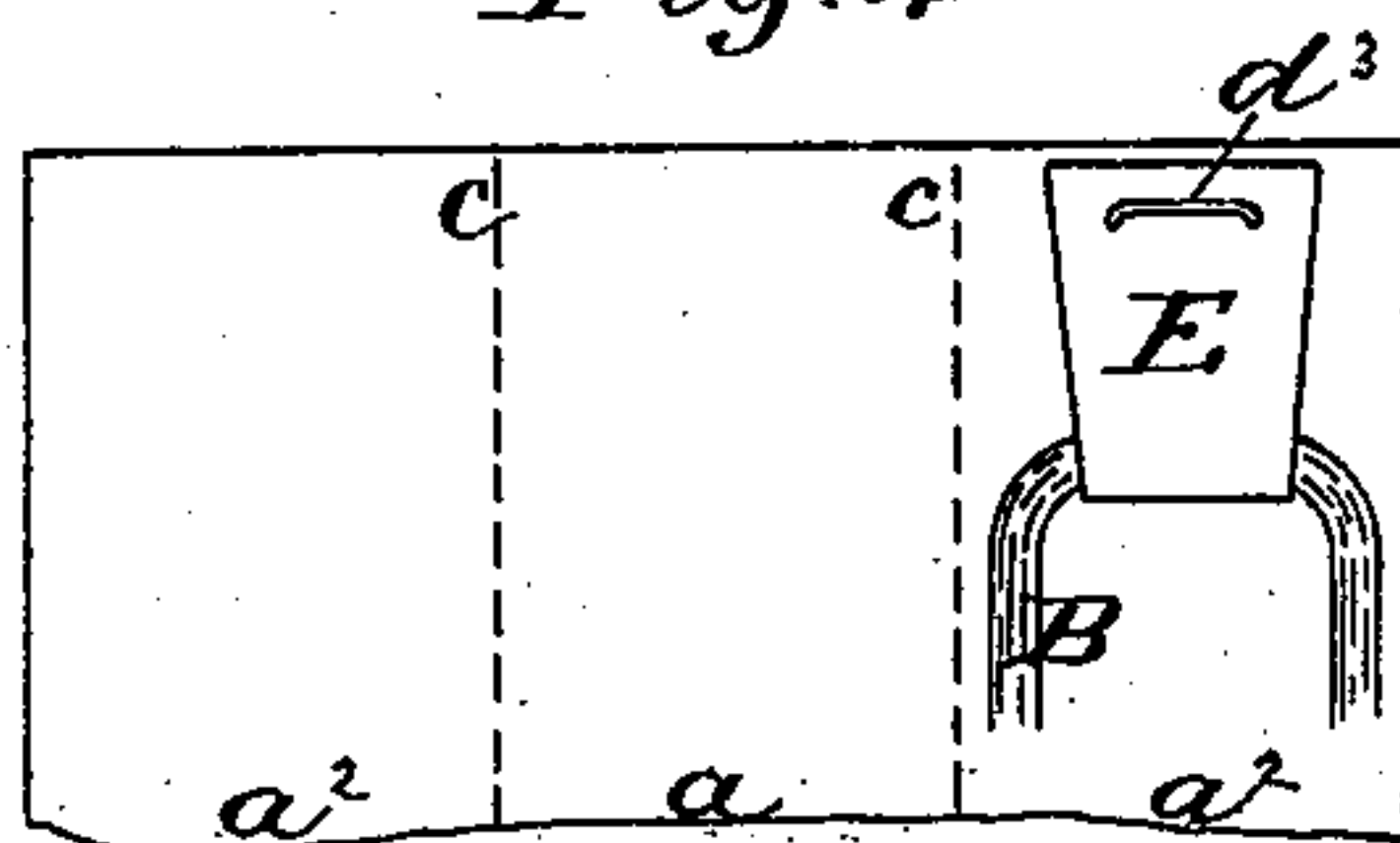


Fig. 4



WITNESSES

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SILK OR THREAD PACKAGE.

SPECIFICATION forming part of Letters Patent No. 534,390, dated February 19, 1895.

Application filed September 28, 1894. Serial No. 524,362. (No model.)

To all whom it may concern:

Be it known that I, JOHN P. FRALEY, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia, State of Pennsylvania, have invented certain new and useful Improvements in Silk or Thread Packages, of which the following is a specification, reference being had therein to the accompanying drawings.

10 The objects of this invention are to produce a simple and inexpensive package by means of which skeins of silk, thread and analogous material may be handled and marketed without danger of becoming soiled, faded or tangled. I attain these objects by the construction of the package and of the skein retaining devices therein that permit only a sufficient portion of the skein to be visible to expose the color of the goods therein, but keeps the other portions well protected, as illustrated in the accompanying drawings, in which—

Figure 1 is a front view of a skein package closed and provided with skein retaining devices constructed and located therein in accordance with my invention. Fig. 2 is a front view of the same, open to exhibit the interior thereof. Fig. 3 is a longitudinal central section of the same package. Fig. 4 is a front view of the upper portion of a skein package of substantially the same form open, but showing the skein retaining textile device secured to the envelope with a well known wire staple clinched thereto in place of an eyelet, said skein retaining device being secured to one of the side flaps of the envelope as a modification. Fig. 5 is a front view of a skein package having at one end a slightly modified form of skein retaining device. Fig. 6 is a longitudinal central section of the package shown in Fig. 5.

40 In said drawings A represents the envelope within which the skein B of silk or of other material is to be inclosed. Said envelope consists of a rectangular blank of paper or of other suitable material that is to be folded lengthwise on the dotted lines $c\ c$ which divide the blank into three parts, of substantially equal widths, the central part being shown at a , with the side flaps a^2 alongside thereof. To retain the ends of the envelope closed without the use of glue, cement, or mucilage or other

liquid adhesive substance that is sometimes liable to cause stains upon white or light colored silks, suitable metal fastenings or eyelets d, d^2 , are used and inserted in perforations f, f', f^2 , formed in the paper of the envelope close to its ends.

To retain the skein B within the envelope so that only its end b^2 will project therefrom, to permit its examination, while its upper end b will remain permanently inclosed within the envelope and cannot escape therefrom, so as to protect it from being soiled or faded in the middle of each length or needle full (as the skein is to be cut by the person using it in the middle of the loop b^2), said upper end b is held within the envelope by a skein-retaining device at a short distance from, but inwardly from the fastener d . The skein-retaining device preferred for that purpose consists of a short length of textile material E, as a piece of tape, looped upon itself with the upper end b of the skein within the loop, as clearly shown in Fig. 2. Said looped textile material has its ends centrally perforated at f' and said perforation receives the eyelet d after it has first been introduced in a correspondingly made perforation in the central body a of the envelope. One of the flaps a^2 is then folded upon the skein B and its retainer E, and then the second flap a^2 upon the first folded flap a^2 , with the perforations f of said flaps upon and encircling the eyelet d . The latter is then clinched and the envelope and skein secured at that end. A nearly analogous operation is performed at the opposite end of the envelope by inserting the eyelet d^2 in the perforation f^2 , from the back of the body a between the branches of the skein B, then fitting the perforations f^2 of the flaps a^2 over said eyelet d^2 and clinching the latter.

A slight change in the operation of closing the envelope and securing the skein therein may be made, viz: After the parts are in the position shown in Fig. 2 the flaps a^2 may be folded over said skein before inserting the eyelets in the perforations $f' f^2$ and thus an eyelet can be inserted by one movement through the holes $f' f f^2$ at one end of the envelope and by another movement another eyelet through the holes $f^2 f^2 f^2$ at the other end.

In place of an eyelet d the skein retainer E can be secured to the envelope by a wire staple d^3 as shown in Fig. 4 and clinched thereto either centrally of the end of the envelope as shown in Fig. 2, or to one end of the side flaps a^2 as shown in Fig. 4. If in the last stated position the flap a^2 carrying the skein B is folded upon the middle portion a , and the second flap a^2 is folded against the back of the skein-carrying flap a^2 and pasted thereto, thus concealing and covering the clinched ends of the staple d^3 , then the nature and color of the skein permits paste to be used without danger of causing stains upon the material of said skein.

When it is desired to have the skein retainer as well as the envelope fasteners of metal the construction shown in Figs. 5 and 6 is used. The upper skein retainer in the modification consists of an eyelet E^2 occupying substantially the same position as the loop of the skein retainer E in Figs. 2 and 3. Said eyelet E^2 is preferably slightly longer than the eyelet d above it, or less tightly clinched to the envelope, so as not to retain the upper end b of the skein too tightly, but permit its

strands to be easily pulled from the lower end of the envelope.

Having now fully described my invention, I claim—

1. A skein package consisting of a rectangular casing closed at both ends, a skein retainer consisting of a loop wholly within said casing and a fastener passing through said casing and securing said retainer to the casing, the upper bend of the skein in engagement with said retainer being wholly inclosed within the casing substantially as described.

2. In a skein package the combination of a rectangular casing, a looped skein retainer E wholly within the casing and a fastener passing through the wall of the same and securing said retainer to the casing above its loop, whereby the upper bend of the skein received in said loop is wholly inclosed within the casing substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN P. FRALEY.

Witnesses:

E. M. MANIGLE,

E. S. MERCER.