C. A. HAMMOND-KNOWLTON.

CONTAINER.

APPLICATION FILED JAN. 25, 1917.

1,240,045. Patented Sept. 11, 1917.

Fig. 1.

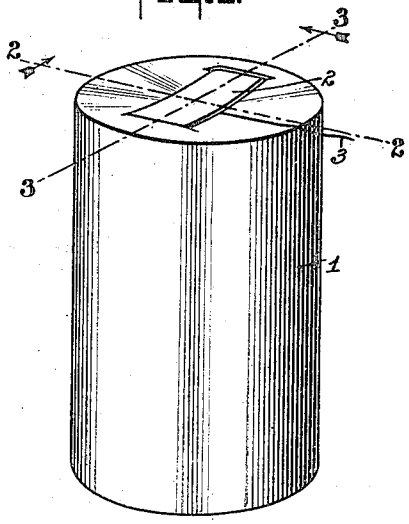
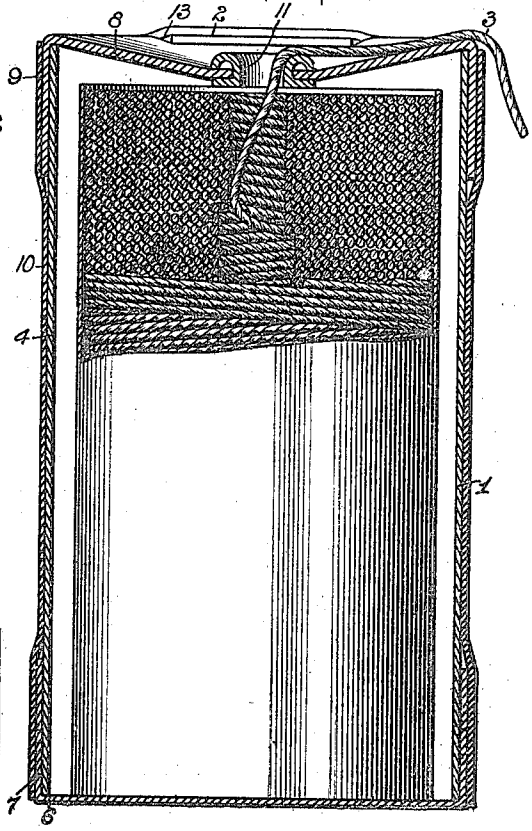



Fig. 2.



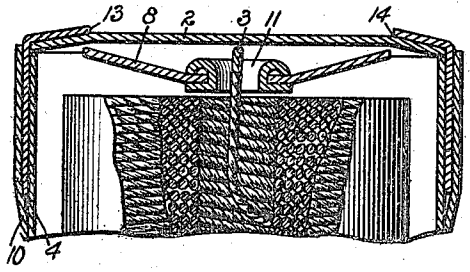




Fig. 3.

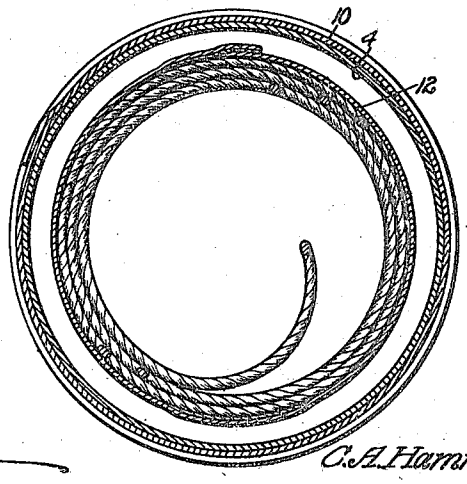



Fig. 4.

WITNESSES

A. L. Ritchie,

INVENTOR

C. A. Hammond-Knowlton

BY Munn & Co

ATTORNEYS

# UNITED STATES PATENT OFFICE.

CLARENCE A. HAMMOND-KNOWLTON, OF NEW YORK, N. Y.

## CONTAINER.

1,240,045. Specification of Letters Patent. Patented Sept. 11, 1917.

Application filed January 25, 1917. Serial No. 144,417.

*To all whom it may concern:*

Be it known that I, CLARENCE A. HAMMOND-KNOWLTON, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Container, of which the following is a full, clear, and exact description.

This invention relates to containers and has for an object to provide an improved construction for protecting and acting as a feeding member for thread.

Another object in view is to provide a container or receptacle for protecting the thread and for pinching the same as it is removed so as to produce a tension whereby the thread cannot accidentally become withdrawn into the receptacle.

In the accompanying drawing:

Figure 1 is a perspective view of a container embodying the invention.

Fig. 2 is a sectional view through Fig. 1, approximately on line 2—2, the same being on a greatly enlarged scale.

Fig. 3 is an enlarged fragmentary sectional view through Fig. 1 approximately on line 3—3.

Fig. 4 is a transverse section through the structure shown in Fig. 2 after most of the thread has been removed.

Referring to the accompanying drawing by numerals, 1 indicates a casing which forms the container, the same being provided with a metallic strip 2 which acts as tensioning means for frictionally resisting the passage of thread 3. The container 1 is made up from a tubular member 4 of pasteboard or other suitable material. The bottom 6 is provided with a flange 7 placed in position over one end of the tubular member 4, and the top 8 arranged so that its flange 9 will appreciably overlap the top of tube 4. A covering or retaining strip of paper 10 is then applied and held in position by any suitable adhesive, whereby the two end members are held rigidly in place and the container is sealed. The paper covering member 10 may have printed thereon the name of the firm manufacturing the thread and any other printed matter that may be desired.

The top or cap 8 is supplied with a metallic eyelet 11 over which is placed a metallic strip 2 of some thin sheet metal with the end projecting through slots 13 and 14, respectively, as more clearly shown in Fig. 3. In arranging the metallic member 2 in place, the same is bowed and if desired bent until the ends may be inserted in the slots 13 and 14, after which the strip is straightened and if desired is bowed downwardly so as to produce the proper tension on the thread 3, the thread being pinched against the eyelet 11.

It will be noted that means are provided for maintaining a tension on the thread 3 as the same is removed, namely, strip 2 and eyelet 11, thus insuring the utilization of all of the thread in the container. By providing the tension or friction against the thread as the same is removed the end cannot accidentally move backwardly into the container and only the desired quantity will be removed at any time. In Figs. 2 and 3 the arrangement of the top is shown exaggerated for the purpose of illustrating the construction of the parts, as it is evident that all of these parts are very small and that the strip of metal 2 is very thin. The paper of which the cap is made will contact with the strip 2 substantially at all points except in the immediate vicinity of the eyelet 11 so that the strip 2 acts not only as a tension means for the thread but acts as a covering member for the eyelet and a sealing member also therefor, so that the container will be lightproof and substantially air-proof, thus causing the silk in the container to remain in its original condition.

What I claim is:

In a container of the character described, a receptacle inclosing a supply of thread, an eyelet member arranged in one end of the receptacle through which the thread is adapted to be drawn, and a friction member acting against said eyelet for producing friction on said thread, said friction member comprising a strip of resilient and bendable sheet material having the ends thrust through part of the end of said receptacle.

CLARENCE A. HAMMOND-KNOWLTON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."