No. 841,823. PATENTED JAN. 22, 1907.

F. C. STORRS.

BINDER OR HOLDER FOR CARDS, &c.

APPLICATION FILED MAY 1, 1905.

Fig. 1.

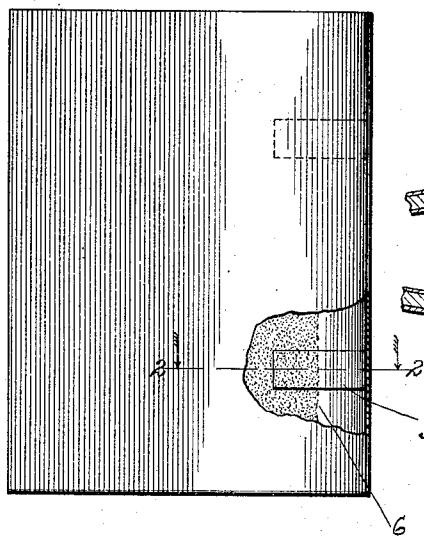


Fig. 2.

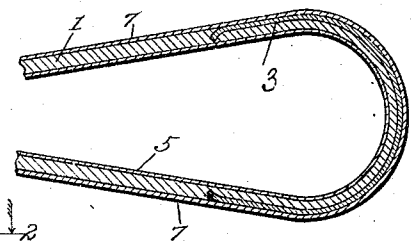


Fig. 5.



Fig. 3.

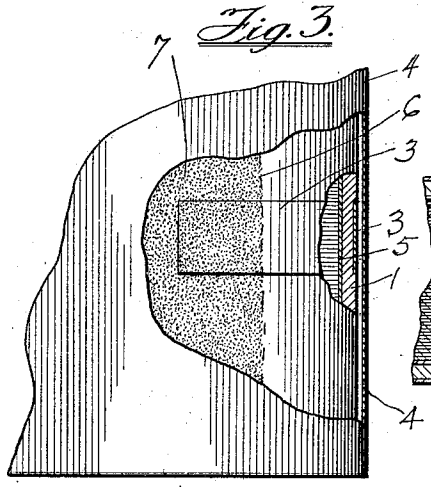
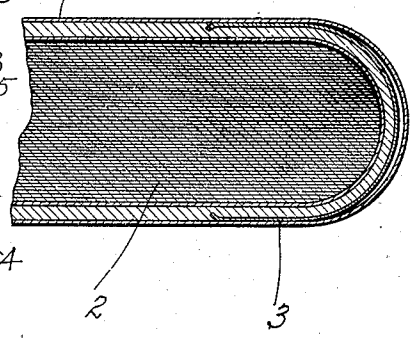


Fig. 4.



Witnesses:

Ira D. Perry

A. M. Uher

Inventor:

Fred C. Storrs

by Francis A. Hoffman

Atty

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

FRED C. STORRS, OF CHICAGO, ILLINOIS.

BINDER OR HOLDER FOR CARDS, &c.

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Application filed May 1, 1905. Serial No. 258,399.

To all whom it may concern:

Be it known that I, FRED C. STORRS, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Binders or Holders for Cards, &c., of which the following is a full, clear, and exact specification.

My invention relates to a holder or binder for holding packages of cards and other like articles in a compact or book form; and it has for its object to provide an improved and simple device which will be light and inexpensive and of neat appearance and at the same time will be capable of gripping or clamping a package of loose cards with sufficient force to hold the same in book form.

With these ends in view my invention consists in the features of novelty which will now be described with reference to the accompanying drawings, and more particularly pointed out in the claims.

In the said drawings, Figure 1 is a side elevation of my improved holder or binder, partially broken away. Fig. 2 is a cross-section thereof on the line 2 2, Fig. 1. Fig. 3 is an enlarged detail view of one side of the device, partially broken away. Fig. 4 is an enlarged cross-section on the same line as Fig. 2, but showing the device open with the cards therein; and Fig. 5 is an end elevation of the complete device on a smaller scale without the cards.

1 is a sheet of strawboard, pasteboard, or other similar suitable material, which is preferably continuous from end to end of the cover or binder and is bent at its mid-length to an approximately U-shape formation, with the extremities converging or brought together, as shown in Fig. 5, the bend being formed on an arc of the same diameter as the thickness of the pack of cards to be held, so that when the sides are spread apart into a parallel position they will clamp and hold the cards 2, as shown in Fig. 4. This strawboard or pasteboard before being bent into the described form is dampened, so as to allow its outer layers to stretch and its inner layers to compress where bent and while damp may be placed in any suitable mold or holder and dried in the shape shown in Fig. 5, whereby it will be given an inherent tendency to retain that shape. The strawboard alone, however, has not sufficient strength and elasticity to allow for the continual opening of the sides and retain the requisite power for gripping the pack of cards. Therefore in order to give it the necessary elasticity and compressing power and at the same time reinforce it at the bend it is provided with one or more flat springs 3, which are approximately horseshoe shape and have their ends extended a considerable distance across the side or face portions of the strawboard. These springs are arranged on the outside of the strawboard so that the pressure of their ends will not by any possibility eventually work through the covering or cause their ends to become detached, and in order that they may not be apparent on the outside of the device they are embedded in the strawboard while the latter is damp, or at any other time, so as to be substantially flush therewith throughout their entire length. After the springs have been thus put in place the entire device is covered on the outside with leather or other suitable covering 4, which extends from end to end of the piece of strawboard 1 and around the end or back portion, thereby making a neat cover and hiding the springs from view, the inside being covered with any suitable covering 5.

In order to make the cover 4 neat and cause it to lie flat and avoid wrinkling, it is of course necessary to glue it or paste it to the strawboard; but care should be taken not to allow any of the paste or glue to find its way around the bend of the strawboard, for should it occur it would deprive the cover entirely of its elasticity at the bend, since the hardened glue or paste would overcome the power and elasticity of the springs, and, moreover, it would cause the leather or cover 4 to stretch at the bend when first put on, and as it dried it would cause it to shrink, and thereby create undue tension on the outside, which would throw the jaws or sides of the holder apart. The glue therefore is applied to the side portions of the holder from the edges or ends of the strawboard in toward the bend as far as the dotted line 6 7, representing the glue area.

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

1. As a new and useful article of manufacture a device for the purpose described comprising in combination a continuous strip of pasteboard bent into approximately U shape with its ends converging, springs secured to the outside of the pasteboard around the bend thereof and complementary in shape

thereto, and a cover cemented to the sides or end portions of the pasteboard and extending around the said bend but uncemented at the bend.

2. As a new and useful article of manufacture a device for the purpose described comprising in combination a strip of pasteboard bent into approximately U shape with its ends converging, U-shape springs fitted around the outside of the bend of said board and embedded in the outer face thereof flush therewith, and a cover secured over the outer side of the pasteboard from end to end and covering said springs.

3. As a new and useful article of manufacture a device for the purpose described comprising in combination a single strip of pasteboard bent into approximately U shape with its end converging, U-shape springs secured around the bend of the board on the outer side thereof, a continuous cover extending from end to end of the board around said bend and over said springs, said cover being cemented to the board from its ends to the bend and free from the board around the bend.

FRED C. STORRS.

Witnesses:
FRANCIS A. HOPKINS,
A. M. UHER.