(No Model.)

A. T. DEWEY.

NEWSPAPER FILE HOLDER AND BINDER.

No. 267,975. Patented Nov. 21, 1882.

Fig. 3.

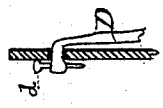


Fig. 4.

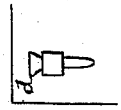


Fig. 5.

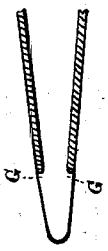


Fig. 2.

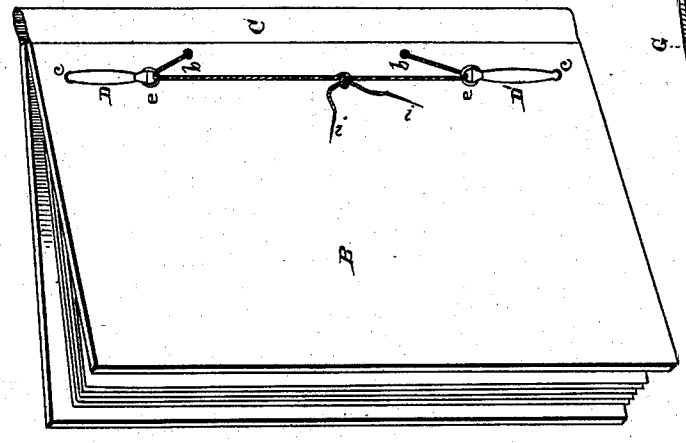
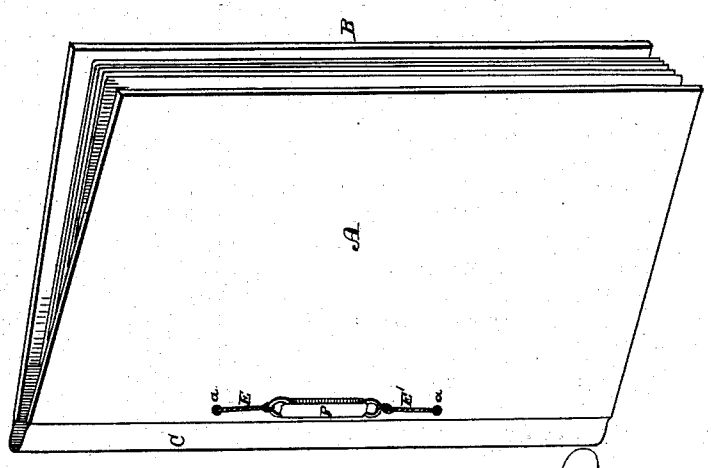


Fig. 1.



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NEWSPAPER-FILE HOLDER AND BINDER.

SPECIFICATION forming part of Letters Patent No. 267,975, dated November 21, 1882.

Application filed October 15, 1881. (No model.)

To all whom it may concern:

Be it known that I, ALFRED T. DEWEY, of the city and county of San Francisco, and State of California, have invented a Removable Book-Cover and File-Binder; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to that class of book-covers which are specially adapted to receive and bind successive numbers or files of books, pamphlets, or papers for preservation and convenience in reference, and are commonly known as "file-binders."

My invention consists in the novel arrangement of the binding-string which passes through and secures the papers or pamphlets, the object being to obtain simplicity with effectiveness and durability.

As periodicals are issued it is an object to preserve them and have them in convenient shape for reference, and for this purpose removable covers have been employed. The general principle of construction and operation of devices of this description is well known, there being stiff covers, as in case of an ordinary book, and a flexible back, together with some means for securing the papers to be bound therein. These means are various, some having a spring-back, which clasps the backs of the papers, and others a string, which is passed through them in various ways and secured. The object to be obtained, when a string is used, is simplicity of direction with security, and also a certain elasticity, in order that the flexible back may the more perfectly be made to fit and clasp the papers both when closed and when in progress of opening.

Referring to the accompanying drawings, Figures 1 and 2 are views of my invention. Figs. 3, 4, and 5 are details of construction.

Let A represent the front cover of the binder, and B the back cover. These are made of suitable material, as in the case of ordinary book-covers, and may have any suitable color and device upon their outer sides. Their inner sides may be lined with paper. These covers are secured together by a flexible back, C, which is a part of the outside covering of the lids with the pasteboard or stiffening omitted. In the front cover, A, are made two holes, *a a*, near the inner edge. These are preferably protected by metal eyelets. In the cover B are two corresponding holes, *b b*, with eyelets. These are directly opposite holes *a a*, and are as near the edge as it is safe to put them. In cover B, at the top and bottom, are two holes, *c c*, set a little farther back than the holes *b b*. The paper or pamphlet to be secured is laid between these covers, its back being far enough beyond the holes *a* and *b* to allow the string, which passes through them, to obtain a secure hold. The loose ends of the strings are provided with metal tips *i*, to perforate the papers and insure an easy passage through.

Looking now at Fig. 1, being the outside of the front cover, A, let E represent a string or cord, and E′ another. Their ends are secured to an india-rubber band, F. The cord E is passed through the upper hole, *a*, through the back of the paper or pamphlet, and through the upper hole, *b*, in the back cover, B, to the other side of the binder. The cord E′ is passed in like manner through the lower holes, *a* and *b*, and the paper, and passed out at the back. The front side of the binder therefore presents the appearance shown in Fig. 1, the rubber band F being in the center and imparting elasticity to the string. Through the holes *c c* of cover B are passed india-rubber bands D D′, upper and lower, respectively. Their ends are secured on the inside of the cover in any practical manner—as, for instance, as shown here by pegs *d d*. Their outer ends are provided with rings *e e*, for convenience in passing the cords E E′. These cords, after passing out, as hereinbefore described, extend in opposite directions, pass through rings *e e*, and are brought together about the middle, where they are tied in a convenient knot. It will be seen that the binding-string thus has all the elasticity required, and the rubbers are placed in better positions than in cases where they are placed transversely about the middle of the cover. The strain or tension of the strings is here directed in the best possible manner, being in a line up and down the edge, and they are therefore not liable to be pulled out. For this reason I am enabled to put the holes as near the edge as the cover will stand, which is an advantage, as I can secure the papers inside with better effect, that they may be opened wider. By having the upper and lower holes,

c c, of cover B a little out of line with the holes *b b*, as shown, I further this advantage of directing the strain or tension away from the edge, as it will be seen that the rubbers pull at an angle away from the flexible back. The direction of the binding-strings here shown is simple, being easily adjusted and very effective for the purpose intended.

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

In a removable book-cover and file-binder, the lids or covers A and B, provided with holes *a a*, *b b*, and *c c*, in combination with the rubber bands F, D, and D′, and strings E E′, arranged and used together substantially as herein set forth, and for the purpose described.

In witness whereof I hereunto set my hand.

ALFRED T. DEWEY.

Witnesses:
FRANK A. BROOKS,
S. H. NOURSE.