No. 664,544. Patented Dec. 25, 1900.

F. H. GILSON.

SEPARABLE BOOK.

(Application filed Feb. 15, 1897. Renewed Apr. 14, 1898.)

(No Model.)

FIG. 1.

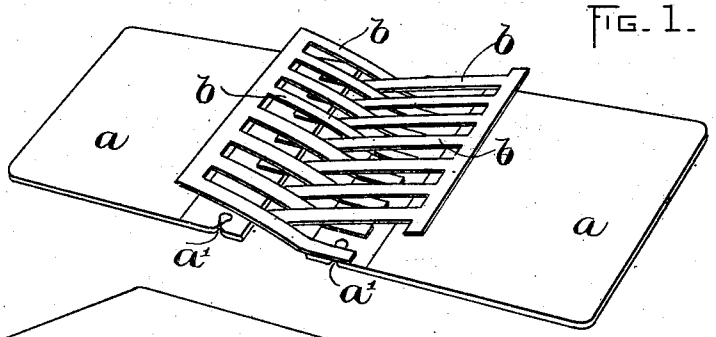


FIG. 2.

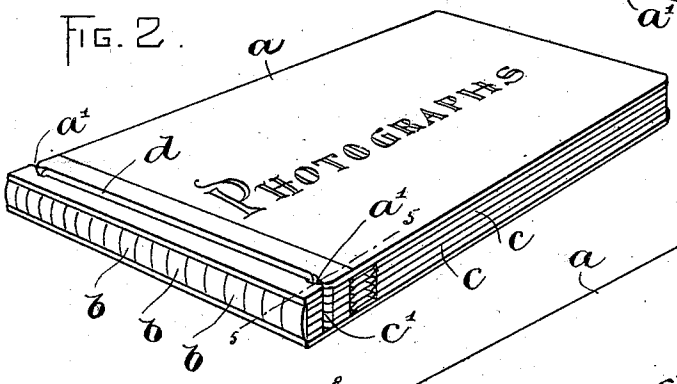


FIG. 3.

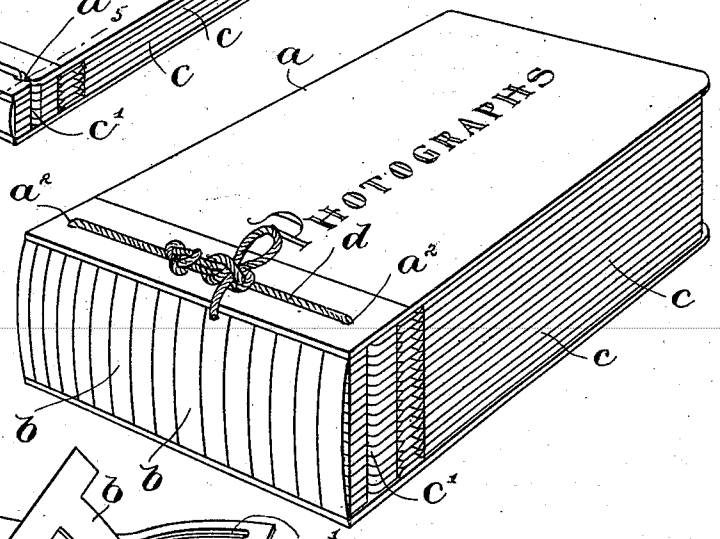


FIG. 4.

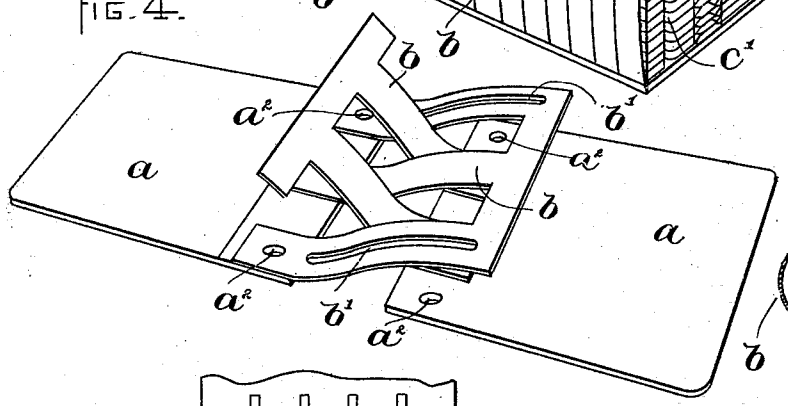
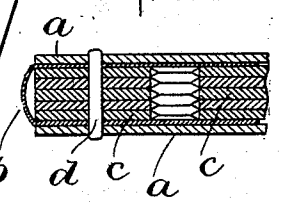


FIG. 5.



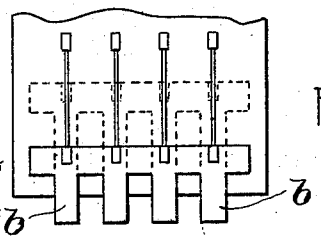


FIG. 6.

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UNITED STATES PATENT OFFICE.

FRANKLIN HOWARD GILSON, OF WELLESLEY, MASSACHUSETTS, ASSIGNOR TO THE F. H. GILSON COMPANY, OF BOSTON, MASSACHUSETTS.

SEPARABLE BOOK.

SPECIFICATION forming part of Letters Patent No. 664,544, dated December 25, 1900.

Application filed February 15, 1897. Renewed April 14, 1898. Serial No. 677,625. (No model.)

To all whom it may concern:

Be it known that I, FRANKLIN HOWARD GILSON, of Wellesley, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements in Separable Books, of which the following is a specification.

This invention relates to an album or the like having a series of removable leaves and a cover connected thereto.

One of the objects of the invention is to provide an improved construction of the cover, whereby the same is rendered extensible and capable of including any number of leaves within certain limits.

The invention consists in the improvements which I shall now proceed to describe and claim.

Of the accompanying drawings, forming part of this specification, Figure 1 is a perspective view of an album-cover embodying my invention, the cover being shown opened out and the leaves removed. Fig. 2 is a perspective view of the album or book complete. Fig. 3 is a similar view to Fig. 2, showing a larger number of leaves inside the cover. Fig. 4 is a similar view to Fig. 1, showing a modified form of my invention. Fig. 5 is a section on line 5 5 of Fig. 2, and Fig. 6 is a detail view showing a modification of my invention.

The same letters of reference indicate the same parts in all the figures.

In the drawings, *a a* represent the front and back lids of my improved cover, the two lids being substantially similar and constructed of any suitable material. Each lid is provided at its rear edge with an extension comprising a number of separated parallel flexible strips or tongues *b b* of cloth, leather, or other suitable flexible material. The strips of each lid alternate with those of the other lid and are adapted to slide in the spaces of the other.

When the leaves *c c* are inserted in the album, the strips *b* lie flat against the lids *a* of the cover, and the exposed portions of the said strips constitute a continuous back for the album. The said back may be lengthened to accommodate a large number of leaves, as shown in Fig. 3, or may be reduced to the dimension of a few leaves, as shown in Fig. 2, or even to one leaf or none at all. This reduction in width is not accompanied by bulging of the back, the slack portion being taken up by simply drawing the strips attached to each lid farther up under the opposite lid. Each set of strips *b b* may, if desired, be joined across their outer ends, thus furnishing a limit to the extensibility of the back. The strips *b b* may be of any desired number. There may be two wide strips in one section, and one strip in the other, lying between the two, or there may be a larger number of narrower strips or the strips may be replaced by a large number of close-lying cords or strings. There may also be spaces between neighboring strips in the back. A further modification of the invention could be made by attaching each set of strips *b* to both lids of the cover, one attachment being made by means of elastic connections between the ends of the strips and the lid, as shown in Fig. 6, which would serve to automatically keep the back from bulging. In fact, there are many modifications of structure which would properly come within the scope of my invention.

In my improved album the pack of leaves *c c* and cover *a a* are bound together and the said leaves retained in place by means of a cord *d*, which passes around or through and engages a series of slots formed at opposite points on the top and bottom edges of the said leaves near the inner or rear ends thereof, the said slots being arranged to coincide with each other and with corresponding slots *a'*, Figs. 1 and 2, or orifices a^2, Figs. 3 and 4, in the edges of the cover-lids *a a*. The employment of slots *a'* in the said lids in conjunction with the slots *c'* of the leaves permits of a ready assembling or separation of the parts and also permits of the use of a continuous binding-cord, such as an elastic rubber band, Fig. 2. The slots *a'* and *c'* are preferably formed with a narrow neck portion, forming a constricted passage for the cord or band, a wider cord-receiving portion or eyelet, and a widened or flaring entrance to guide the cord to the neck portion, as shown. Owing to the formation of the slots with constricted or narrow necks, the fastening-cord is prevented from moving laterally or slipping out of the

enlarged inner portions of the slots when the cord is loosened for the purpose of removing or inserting one or more leaves. Hence the cord is retained in position to readily enter the slots of a newly-inserted leaf and does not require the amount of manipulation that would be necessary if the cord were free to slip out of the slots of leaves which are not to be disturbed.

In Fig. 4 longitudinal slots *b'* are shown in the edge strips, and in this case the cord *d* is discontinuous, its ends being laced through the slots *b'* in assembling and tied together, as shown in Fig. 3.

My invention is applicable not only to photograph-albums, but to any other separable book of this nature, such as a sample-book for holding samples of cloth and other merchandise.

I claim—

1. A book or album cover comprising two lids, and an adjustable back composed of two sections, one attached to each lid, said sections having alternating strips or tongues separated by spaces, the tongues of each section being adapted to slide in the spaces of the other.

2. A leaf for a book or album, having in its top and bottom edges near its inner end, slots to receive an encircling fastening band or cord, each slot having a flaring mouth or entrance, a narrow neck adapted to prevent the escape of the cord when loose, and a wide rear portion to receive the band or cord.

3. A book or album leaf, comparatively thick and unyielding at its inner end and having slots in the top and bottom edges of its inner end, said slots each having a flaring mouth, a constricted neck, and an enlarged inner portion, whereby when a cord or band is forced through said neck into the inner portion it is constricted by the unyielding walls thereof and prevented from slipping laterally out of the inner portion when loose.

4. A book or album comprising two lids, a series of leaves interposed therebetween, said lids and leaves having slots formed in their top and bottom edges near their inner ends, said slots each having a flaring mouth, a contracted neck, and an enlarged inner portion, and a compressible band or cord encircling the inner ends of said lids and leaves and lying in the inner portions of said slots, the said constricted neck retaining the cord in the enlarged inner portion of the slot when the cord is loose.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 5th day of February, A. D. 1897.

FRANKLIN HOWARD GILSON.

Witnesses:

HORACE BROWN,

A. D. HARRISON.