R. KRUMMING.

FILING DEVICE OR ALBUM.

APPLICATION FILED JAN. 30, 1911

1,084,349.

Patented Jan. 13, 1914.

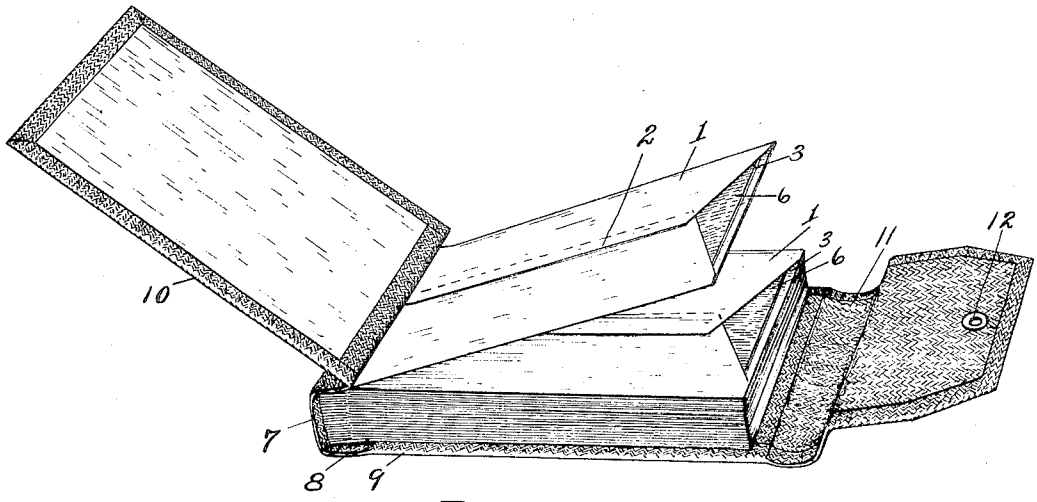


Fig. I.

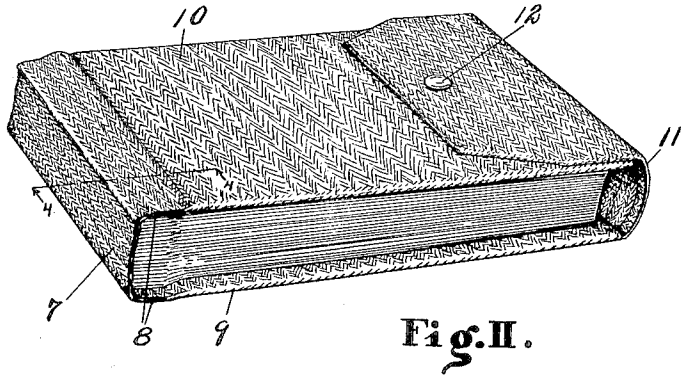


Fig. II.

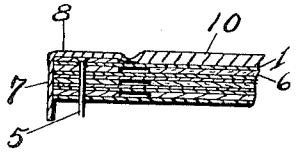


Fig. IV.

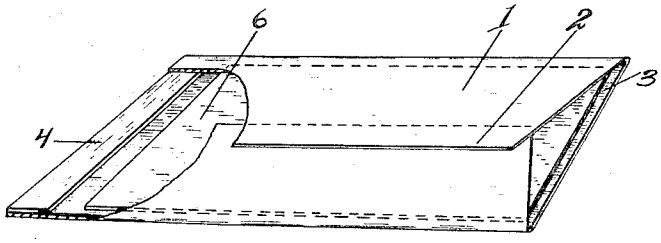


Fig. III.

Witnesses
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UNITED STATES PATENT OFFICE.

REINHOLD KRUMMING, OF MILWAUKEE, WISCONSIN.

FILING DEVICE OR ALBUM.

1,084,349. Specification of Letters Patent. Patented Jan. 13, 1914.

Application filed January 30, 1911. Serial No. 605,494.

To all whom it may concern:

Be it known that I, REINHOLD KRUMMING, a citizen of the United States, residing in the city of Milwaukee, county of Milwaukee, State of Wisconsin, have invented certain new and useful Improvements in Filing Devices or Albums, of which the following is a specification.

This invention relates to filing devices or albums.

My improved filing device or album is especially designed by me for the filing of film negatives, although it is adapted for use in filing any light sheet like articles.

The main objects of this invention are: First, to provide an improved filing device or album in which the receptacles are formed of thin paper which can be readily opened for the insertion of the films or like articles. Second, to provide an improved filing album of the class described which is very simple and economical in structure and, at the same time, satisfactory for the purposes intended.

Further objects, and objects relating to structural details, will definitely appear from the detailed description to follow.

I accomplish the objects of my invention by the devices and means described in the following specification.

The invention is clearly defined and pointed out in the claims.

A structure which is a preferred embodiment of my invention is clearly illustrated in the accompanying drawing, forming a part of this invention, in which:

Figure 1 is a perspective view of one of my improved albums or filing devices with the cover thrown back, negatives or films being indicated in a couple of the receptacles. Fig. 2 is a perspective view of my improved filing album closed. Fig. 3 is a detail perspective view of one of the receptacles, a film 6 being shown therein. Fig. 4 is an enlarged detail section taken on a line corresponding to line 4—4 of Fig. 2, showing structural details.

In the drawings, similar reference numerals refer to similar parts throughout the several views.

Referring to the drawings, I provide a plurality of receptacles or holders 1, which are formed of thin and preferably transparent paper. These receptacles are formed of pieces of paper folded longitudinally, with the edges overlapped at the center of the top and glued together to form a seam 2, extending longitudinally of the receptacle. A notch 3 is cut in the top of each receptacle, the notch being V-shaped and extending across, or substantially across the top of the envelop, the bottom of the notch being in the seam or overlapped portions of the top. I thus secure a receptacle which is very easily opened. The seam formed by the overlapped edges stiffens the receptacles longitudinally at the center and further the bottom of the notch being in this seam the receptacles are not likely to be torn in opening and inserting the articles.

The inner ends of the receptacles are closed by means of the binding strips 4 through which the binding rivets 5 are passed, the rivets passing through the receptacles and the binding strip secures the receptacles so that the strain on the thin paper from which they are formed is minimized; that is, the receptacles are clamped across the entire inner end of these binding strips so that the paper is not likely to tear out at the rivets. These binding strips 4 also serve as fillers to properly space the receptacles, so that they are not distorted by the films or sheets placed therein. After the receptacles are thus secured together, they are preferably provided with a binding consisting of a back 7 having binding portions 8 on its edges, the back and binding strips being secured by gluing, as is common practice in book binding. The covers 9 and 10 respectively, are hinged to these binding strips. The bottom cover 9 is preferably provided with a closing flap 11, which has a suitable fastening device of the snap button form.

My improved filing album is very simple and economical in structure, the receptacles being easily produced, and the binding being simple. The structure is, at the same time, very durable. By forming the receptacles as I have described, they may be readily opened for the insertion of the contents, and as the bottom of the seaming notch is in the seam, the receptacles are not likely to be torn, even though made of thin material. This seam, being in this position, stiffens the envelop, so that it facilitates the opening of the same.

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

1. A file comprising a plurality of filing receptacles open at their outer ends and having centrally disposed stiffened portions ex-

tending longitudinally of their fronts, said receptacles being formed of thin material folded longitudinally with the edges overlapped and glued together to provide said stiffened portions, the outer ends of the fronts of said receptacles being V-shaped with the bottoms of the V in the stiffened portions, the outer ends of their backs being straight; binding strips arranged in the inner ends of said receptacles, and binding rivets arranged through said receptacles and binding strips whereby said receptacles are bound together and their inner ends closed, the said stiffened portions of said receptacle being clamped by said binding strips; and covers secured to the inner ends of said receptacles so bound together.

2. A file comprising a plurality of filing receptacles open at their outer ends and having centrally disposed stiffened portions extending longitudinally of their fronts, said receptacles being formed of thin material folded longitudinally with the edges overlapped and glued together to provide said stiffened portions; binding strips arranged in the inner ends of said receptacles, and binding rivets arranged through said receptacles and binding strips whereby said receptacles are bound together and their inner ends closed, the said stiffened portions of said receptacle being clamped by said binding strips; and covers secured to the inner ends of said receptacles so bound together.

In witness whereof, I have hereunto set my hand and seal in the presence of two witnesses.

REINHOLD KRUMMING. [L. S.]

Witnesses:

EMIL J. ZINGEN,

JOHN I. BRAUN.