Jan. 15, 1929. 1,698,841

G. E. DOUGHTY

DEPOSIT SLIP FILE

Filed March 7, 1928

Fig. 1.

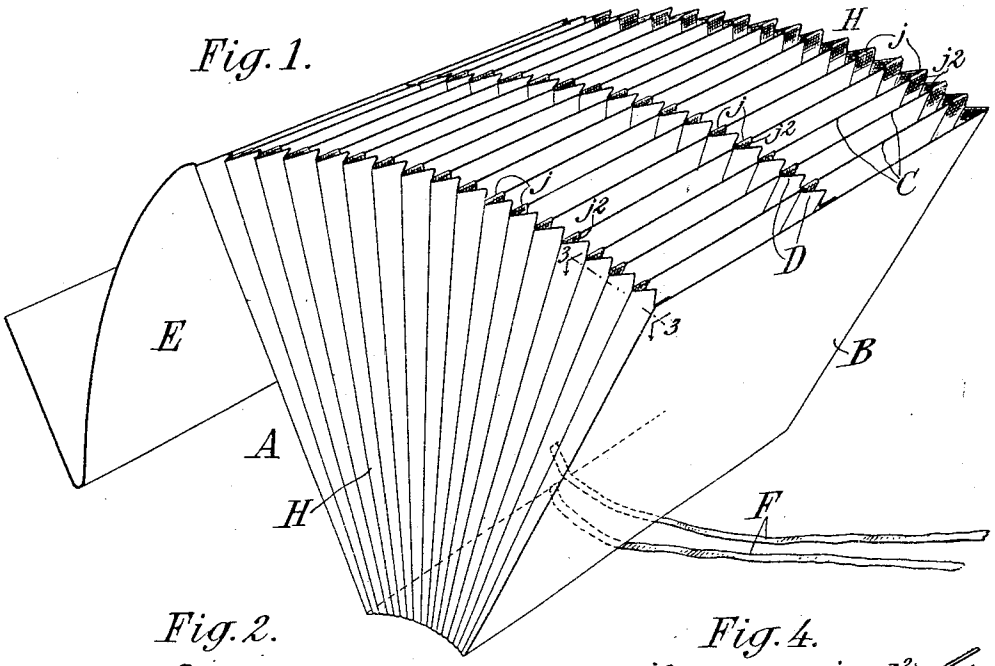



Fig. 2.

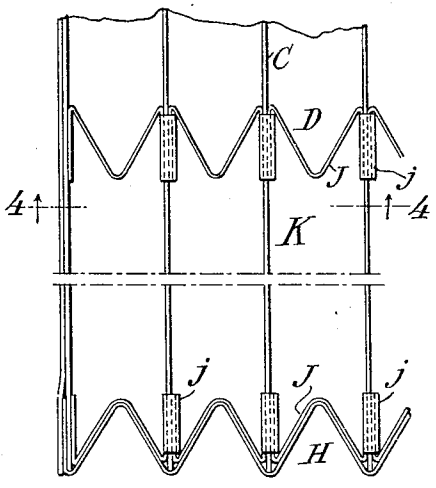



Fig. 4.

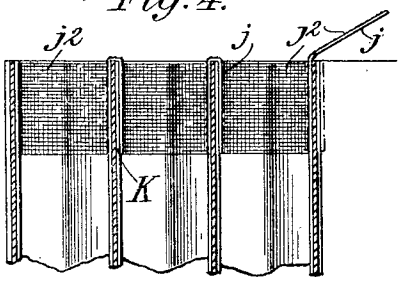



Fig. 5.

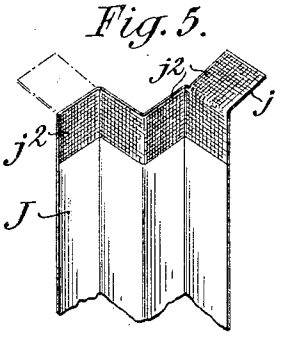
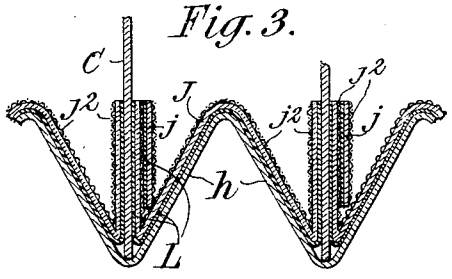



Fig. 3.




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# UNITED STATES PATENT OFFICE.

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## DEPOSIT-SLIP FILE.

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The present invention relates to filing devices of the bellows or accordion type, and more especially to what have come to be known as deposit slip files, and aims to provide certain improvements therein.

A deposits slip file is a device of the type described, having one or more expansible partitions extending transversely of the file pockets and usually midway between the ends thereof. As the file becomes filled, the pockets are subjected to strains which tend to sever the expansible end wall therefrom. Heretofore, to guard against this happening, the pockets have been reinforced at the expansible walls, and particularly at the partition walls, with small strips which straddle the faces of the pockets, particularly at the partitions to which they are attached. To apply these reinforcing strips to the partitions required a separate operation and added to the manufacturing cost of such devices.

According to the present invention I provide means for reinforcing the pockets at their expansible walls, said means comprising parts carried by or formed integrally with the expansible walls adapted to be adhesively attached to the opposite sides of the pocket sheets. By thus forming the reinforcing parts, their assembly in the file pockets is greatly facilitated, and at the same time provides a much stronger and neater product.

Other features of novelty will be made more apparent from the following description:

A preferred embodiment of my invention is illustrated in the accompanying drawings, wherein—

Figure 1 is a perspective view of a file embodying my invention.

Fig. 2 is a fractional top plan view of a portion of the file shown in Fig. 1.

Fig. 3 is a greatly enlarged section taken substantially along the plane of the line 3—3 in Fig. 1.

Fig. 4 is an enlarged section taken substantially along the plane of the line 4—4 of Fig. 2.

Fig. 5 is a perspective view of one of the reinforcing elements or partitions.

Referring to the drawings, let A indicate a bellows or accordion type of filing device which comprises an envelope-like element B having its sides and bottom wall accordion plaited in the conventional manner, partition sheets C extending parallel to the front and rear walls of the file and attached to corresponding interior angles of the pleated sides, expansible partition members D extending transversely of the file pockets midway between the ends thereof, a cover member E preferably formed integrally with the rear wall of the envelope B and adapted to be folded over the open ends of the pockets after they have been collapsed, to close the same and seat against the front wall of the envelope B, and tie strings F adapted to encompass the file, and when tied, to hold the cover in closing position. The device as thus far described is the conventional deposit slip file.

According to the present invention I propose to reinforce the pockets at their expansible walls, that is, at the end walls H, H and at the partition wall D. The manner in which I accomplish this is best shown in Figs. 2 to 5 of the drawings, wherein, in Fig. 5 I have shown a paper sheet J accordion pleated with folds substantially identical in width with those in the side walls H of the envelope B. Each of these reinforcing members preferably has at least one of its end folds formed with a tab or part $j$ extending upwardly above the top edge of the member, which part is adapted to be folded over the top edge of the pocket sheet to which it is secured in a manner which will be hereinafter made apparent. Preferably each of said members J is provided entirely across its top edge and its extension part $j$ with a fabric strip $j^2$ which is adhesively attached to one face of the member J. Where the reinforcing member J is to serve as a partition member D, only the outer faces of the end folds and the part $j$ are coated with adhesive, whereas where said members are to serve as reinforcing elements for the expansible end walls of the pockets, in addition to the end folds being coated with adhesive, the contiguous faces of the intermediate folds are also so coated.

In Figs. 2, 3 and 4 I have shown enlarged views of the manner in which the reinforcing members J are attached to the file. At K in Figs. 2 and 4 I have shown the manner of attaching the partition members to the pocket sheets C. Here it will be seen that the end folds of the member J are adhesively at-

tached to the complemental faces of adjacent pocket sheets and the tab *j'* folded down over the top of the sheet to which it is attached and adhesively secured over the opposite side of said sheet to the inner face of the end fold of the partition sheet in the adjacent pocket. In Fig. 3, in addition to the construction shown in Figs. 2 and 4, the members J are shown as having their intermediate folds adhesively attached to the inner faces of the intermediate folds *h* of the side members of the pockets B by adhesive L.

In securing the reinforcing members or partitions to the file, an operator would begin by attaching one of said elements in an end pocket with the tab *j'* extending above the top edge of the pocket sheet; a second reinforcing member or partition would then be attached in the next adjacent pocket in the same relative position as the first, after which the tab *j'* of the reinforcing member in the first pocket would be bent down over the inner face of the end fold of said last-inserted member. This process is continued until all the pockets have been reinforced or provided with partitions. Obviously the reinforcing members J may have tabs on either of the end folds or on both, if desired. In the latter instance, however, in the folding over operation, too great a thickness of material is provided at the tops of the partition members, which may be found objectionable. Hence, according to the preferred construction, but a single tab reinforcing element is employed.

While I have shown and described a preferred embodiment of my invention, I desire it to be understood that I do not wish to be limited to the details of construction herein set forth, since modifications thereof may be resorted to without departing from the spirit of the invention.

What I claim is:

1. A filing device having a plurality of sheets connected by expansible walls to provide a plurality of expansible pockets, and means for reinforcing the pockets at the expansible walls comprising accordion-plaited members having their end folds adhesively attached to the faces of adjacent pocket sheets, and at least one end fold of each of said plaited members having a part extending over the top edge of the sheet to which it is secured and adhesively attached to the opposite face thereof.

2. A filing device having a plurality of sheets connected by expansible walls to provide a plurality of expansible pockets, and means for reinforcing the pockets at the expansible walls comprising accordion-plaited members having their end folds adhesively attached to the faces of adjacent pocket sheets, and at least one end fold of each of said plaited members having a part extending over the top edge of the sheet to which it is secured and adhesively attached to the inner face of the end fold of the plaited member in the adjacent pocket.

3. A filing device having a plurality of sheets connected by expansible walls to provide a plurality of expansible pockets, and means for reinforcing the pockets at the expansible walls comprising accordion-plaited paper members having their end folds adhesively attached to the faces of adjacent pocket sheets, and at least one end fold of each of said plaited members having a part extending over the top edge of the sheet to which it is secured and adhesively attached to the inner face of the end fold of the plaited member in the adjacent pocket, said plaited members being each reinforced entirely across its top edge and its overextending part by a fabric strip adhesively attached to one face of the member.

4. A filing device having a plurality of sheets connected by expansible walls to provide a plurality of expansible pockets, and means for reinforcing the pockets at the expansible walls comprising accordion-plaited members having their end folds adhesively attached to the faces of adjacent pocket sheets, and the contiguous intermediate folds adhesively attached to the inner faces of the expansible walls of the pockets, and at least one end fold of each of said plaited members having a part extending over the top edge of the sheet to which it is secured and adhesively attached to the opposite face thereof.

5. A filing device comprising a plurality of sheets connected by expansible end walls to provide a plurality of pockets, partitions extending transversely of the pockets to subdivide them, said partitions being adhesively attached to the faces of adjacent pocket sheets, and means for reinforcing the pockets at the partitions, said means consisting of a fabric strip adhesively attached to at least one face of each of the partitions entirely across its top edge, and a reinforced piece bridging the top edge of a sheet at the partition and attached to both the partition and the sheet.

6. A filing device comprising a plurality of sheets connected by expansible end walls to provide a plurality of pockets, partitions extending transversely of the pockets to subdivide them, said partitions being adhesively attached to the faces of adjacent pocket sheets, and means for reinforcing the pockets at the partition, said means consisting of a fabric strip adhesively attached to at least one face of each of the partitions entirely across its top edge and extending over the top edge of the sheet to which the partition is attached, and attached to the partition in the adjoining pocket.

In witness whereof, I have hereunto signed my name.

GEORGE E. DOUGHTY.