

Oct. 6, 1942.

N. WILCOX

2,298,244

VERTICAL FILE

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Fig. 1.

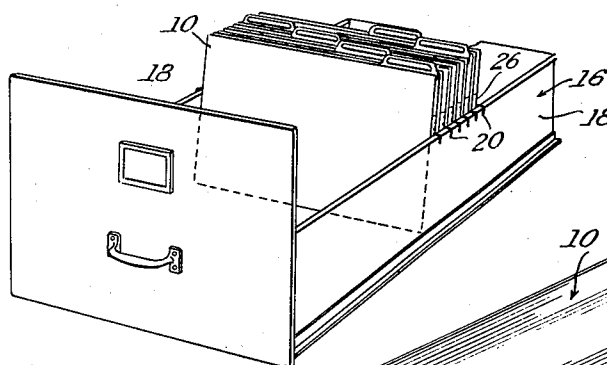


Fig. 2.

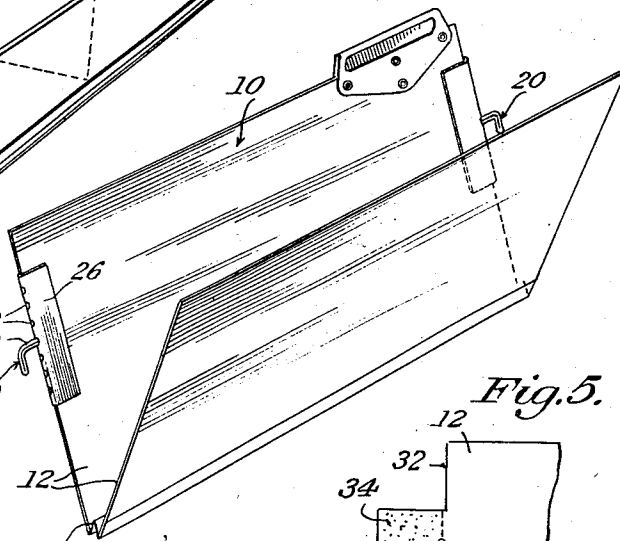


Fig. 3.

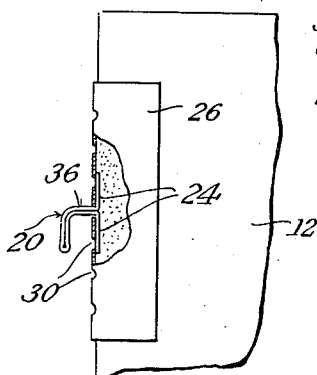
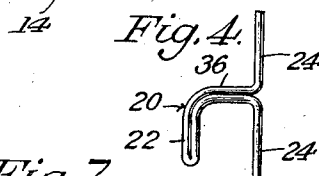


Fig. 5.

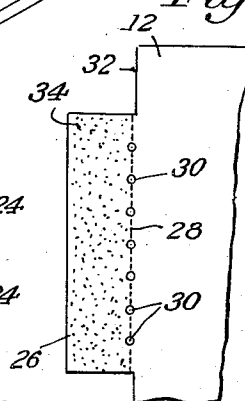


Fig. 6.

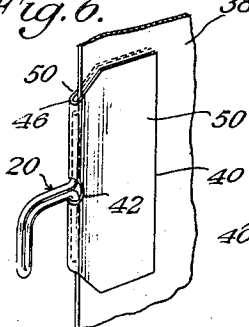


Fig. 7.

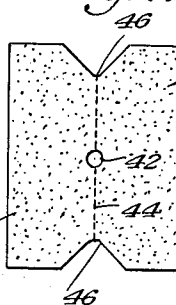
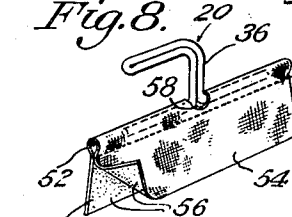


Fig. 8.



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2,298,244

VERTICAL FILE

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6 Claims. (Cl. 129—16.7)

My invention relates to filing devices, particularly the type within which files or folders are arranged vertically in a file drawer, and has among its objects and advantages the provision of an improved file suspension means for maintaining the files or folders in vertical positions inside the drawer.

In the accompanying drawing:

Figure 1 is a perspective view illustrating vertical files arranged in a file drawer in association with my invention;

Figure 2 is a perspective view of a file or folder embodying one form of the invention;

Figure 3 is an enlarged view of a portion of the folder illustrating the manner in which the suspension means is attached thereto;

Figure 4 is a side view of one of the suspension means;

Figure 5 is a view of a portion of the folder of Figure 2 illustrating the manner in which a portion of the folder is utilized as a mount for the suspension hook of Figure 4;

Figure 6 is a view illustrating a modified form of suspension hook mount;

Figure 7 is a plan view of the hook mount before it is attached to the folder; and

Figure 8 is a perspective view illustrating a cloth mount for the suspension hook.

In the embodiment selected for illustration, I make use of a file or folder 10 comprising side walls 12 interconnected along their bottom edges by a joint 14 such as deformation of an area of the blank from which the folder is formed. The folder 10 is arranged to be contained in a file case 16, this case having side walls 18 between which the assembled folders are arranged.

In Figure 2, a suspension hook 20 is attached to each end of one of the walls 12. Figure 4 illustrates the hook 20 as being bent from a single piece of wire to provide the hook part 22 and coaxial pins 24. Figure 5 illustrates an end margin of the wall 12 to which the suspension hooks 20 are attached. The wall 12 is provided with a flap 26 bendable along the scored line 28 and provided with a series of perforations 30 located on the score line 28. The score line is located slightly beyond the end 32 of the side wall 12.

To secure a suspension hook 20 to the end wall 12 of Figure 5, the hook part 22 is passed through a preselected perforation 30 and the flap 26 is then bent over the pins 24 with the latter lying on the score line 28. One face of the flap is provided with adhesive 34 to be secured to the inner face of the side wall 12. Thus the flap 26 is firmly secured to the side wall and provides an

effective anchorage for the suspension hook 20. The neck 36 of the suspension hook fits snugly inside the preselected perforation 30 so as to effectively restrain the neck from accidental shifting. At the same time, the pins 24 are firmly retained by the folded portion of the flap 26.

In operation, the suspension hooks 20 are preferably located so as to engage the upper edges of the side walls 18 for supporting the empty folder bottoms about one-quarter inch from the bottom of the case 16. Since the joints 14 are yieldable, particularly when the folder 10 is supplied with papers, the bottom of the folder will engage the bottom of the file case 16. Thus the suspension hooks 20 function to effectively retain the folders 10 in vertical positions inside the file case 16. In cases where the folders 10 may be supplied with a relatively large amount of papers, suspension hooks 20 may be attached to each of the side walls 12. The folders may be made up with flaps 26 on each of the side walls 12, and one of the flaps cut therefrom in cases where suspension hooks on one wall only are sufficient.

Figures 6 and 7 illustrate a different form of the invention wherein the suspension hook 20 is secured to the side wall 38 by a paper blank 40 having a perforation 42 located on the score line 44, the blank 40 being notched at 46 at the ends of the score line. Adhesive 48 is provided on one face of the blank 40, and the blank is folded along the score line 44 over the pins 24 of the suspension hook, with the wings 50 of the blank adhesively secured to the opposite sides of the side wall 38.

Figure 8 illustrates a modification in that a hem 52 is provided in a cloth blank folded to provide wings 54 corresponding to the wings 50. The inner faces of the wings are provided with adhesive 56, and the neck 36 of the suspension hook 20 projects through an opening 58 in the hem 52.

Without further elaboration, the foregoing will so fully illustrate my invention, that others may, by applying current knowledge, readily adapt the same for use under various conditions of service.

I claim:

1. In a vertical folder, suspension hooks having pin means and necks, and means attached to the folder and folded over said pin means to secure the hooks to the folder, each of said means having a perforation in its line of fold to receive one of said necks.

2. The invention described in claim 1 wherein said means each comprises a flap integral with

the folder and secured thereto in overlapping relationship therewith.

3. The invention described in claim 1 wherein each of said means comprises flaps secured in overlapping relationship to the folder.

4. The invention described in claim 1 wherein each of said means includes cloth flaps adhesively secured to the folder in overlapping relationship therewith.

5. The invention described in claim 1 wherein 10 each of said means is provided with a plurality

of perforations in its line of fold for selective reception of one neck.

6. The invention described in claim 1 wherein each of said suspension hooks comprises a single 5 piece of wire bent to provide a depending element, with the neck located between the element and said pin means, and in which the pin means comprises coaxially arranged end portions of the wire.

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