

July 6, 1943.

D. A. BRENNAN

2,323,448

FILING EQUIPMENT

Filed Nov. 20, 1940

Fig. 1

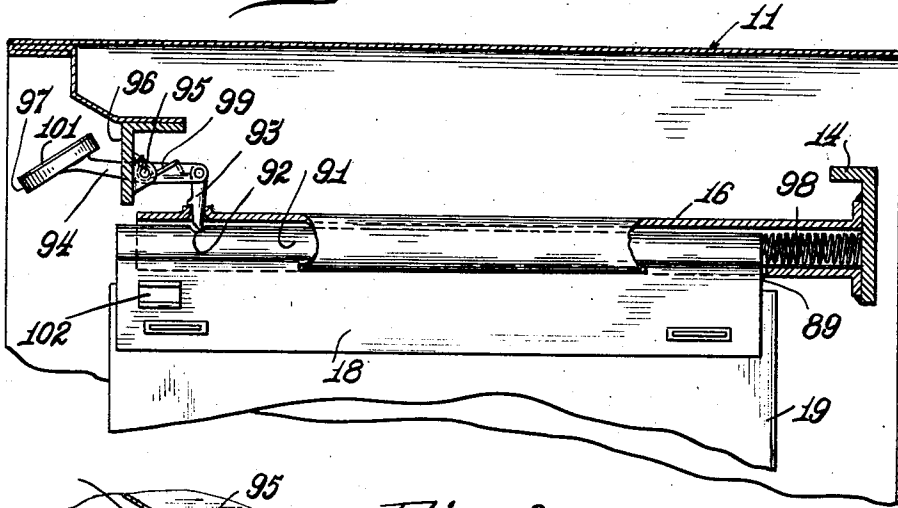


Fig. 2

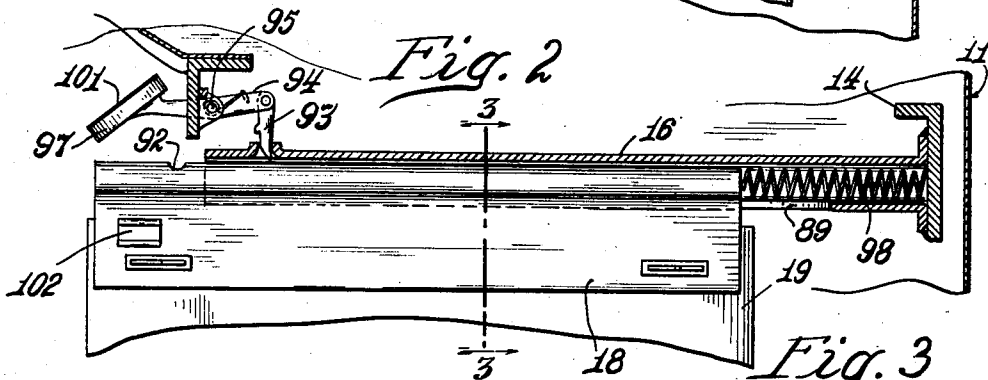
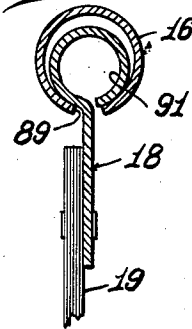


Fig. 3



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UNITED STATES PATENT OFFICE

2,323,448

FILING EQUIPMENT

Daniel A. Brennan, deceased, late of Chicago, Ill.,
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Application November 20, 1940, Serial No. 366,448

2 Claims. (Cl. 211—48)

The invention relates to filing and display equipment and particularly to improved filing units and conveniently actuated novel fasteners to attach drawings, blue prints, maps, cloth samples and other sheet material thereto.

Large sheets, such as drawings and the like, are not easily filed nor conveniently displayed. Vertical files or display racks equipped with filing units having removable suspension members afford the most practical and efficient means to prevent tearing or disfiguring of the sheets, and for indexing. However, not all known devices for detachably securing sheets to the suspension members are entirely satisfactory and considerable difficulty and delay often occurs in removing or replacing such members.

It is therefore, an object of the invention to provide novelly constructed filing units embodying means to render the contents thereof more quickly and conveniently accessible.

The foregoing and such other objects of the invention as will more fully appear hereinafter as the description proceeds, will be more readily understood from a perusal of the following description, in which reference is made to the accompanying drawing; wherein:

Fig. 1 is a fragmentary vertical sectional view of a filing cabinet having one embodiment of a file unit therein.

Fig. 2 is a view, similar to Fig. 1, showing the file unit released.

Fig. 3 is a transverse sectional view taken on line 3—3 of Fig. 2.

Throughout the drawings, like numerals identify like parts.

The present invention preferably is used in conjunction with filing equipment of a type illustrated in United States Patent No. 1,867,158 issued July 12, 1932 to Fred J. Kline, although it is to be understood that the form of filing unit, disclosed herein, may readily be installed in other types of equipment, such as for example on display racks.

Referring particularly to the structure illustrated, a hanger arm 16 may consist of a tubular member rigidly secured at its rear end to a fixed lateral support 14 mounted adjacent the back wall of the cabinet 11. The front end of said hanger arm is open and it is slotted longitudinally on its bottom wall as at 89 to telescopically receive the rolled upper edge 91 of a slidable sheet suspension member 18. The substantially flat body portion of said member depends through slot 89 and has sheets 19 suitably attached thereto. The rolled edge 91 has a suitable aperture

or recess 92 in its upper face, adjacent one end, to receive a key 93 carried on one end of a rocker arm 94. As shown, the rocker arm is pivoted at 95 in a front support 96 and extends forwardly therethrough sufficiently to allow ready access to an index plate 97 carried on its forward end.

A compression spring 98, mounted within the tubular hanger arm 16, is compressed upon insertion of the slidable suspension member 18 to normally urge said member outwardly of the open front end of the cabinet to permit its being readily grasped for removal. However, the slidable suspension member is retained within the cabinet by key 93 which normally engages in the aperture 92, due to the action of a spring 99 preferably mounted about pivot 95. Obviously, upon depression of index plate 97, the key is withdrawn from aperture 92 and the slidable suspension member moves outwardly of the cabinet into a position best shown in Fig. 2. This type of construction is advantageous in that any one of a plurality of slidable suspension members and their contents 19 may be readily selected by elective depression of its associated index plate 97 which preferably carries an index tab 101 bearing indicia corresponding to indicia on an index tab 102 on the slidable suspension member.

It should be understood that minor changes may be made in the detail structure of the embodiment of the invention disclosed herein, since said disclosure is illustrative rather than restrictive, without departing from the spirit of the invention or the scope of the appended claims.

What is claimed is:

1. In a filing device including front and rear supports, a tubular hanger arm, an external flange at one arm end providing a base to abut the rear support for rigidly maintaining said arm horizontally with its forward end terminating rearwardly of the front support, said arm being longitudinally slotted inwardly from its free forward end, a sheet suspension member consisting of a substantially rectangular sheet of stiff material having a bead co-extensive with one longitudinal edge, said bead being telescoped into one arm end with the remaining sheet portion depending through said slot, a spring in said arm arranged to urge the sheet suspension member into a position projecting forwardly of the front support, and a disengageable latch mounted on the rear side of the front support normally engageable with means in said bead to retain the arm and member in a fully telescoped relation, said latch having means extending in front of

said support for manual latch actuating engagement.

2. In a filing device including front and rear supports, a tubular longitudinally slotted hanger arm rigidly secured at one end to the rear support, said arm having an opening adjacent its free end, a sheet suspension member telescopically associated with said arm and having a portion depending through the slot, a spring ar-

5 ranged to urge said member into a position projecting beyond the free other end of said arm, and a disengageable latch on the front support normally engageable through said arm opening with said member to retain the arm and member in a fully telescoped relationship.

ELMER L. ZWICKEL,
Executor of the Estate of Daniel A. Brennan,
Deceased.