March 6, 1951 C. J. PANFIL, SR 2,543,865

MULTIPLE CATALOG BINDER

Filed June 9, 1947

Fig. 1

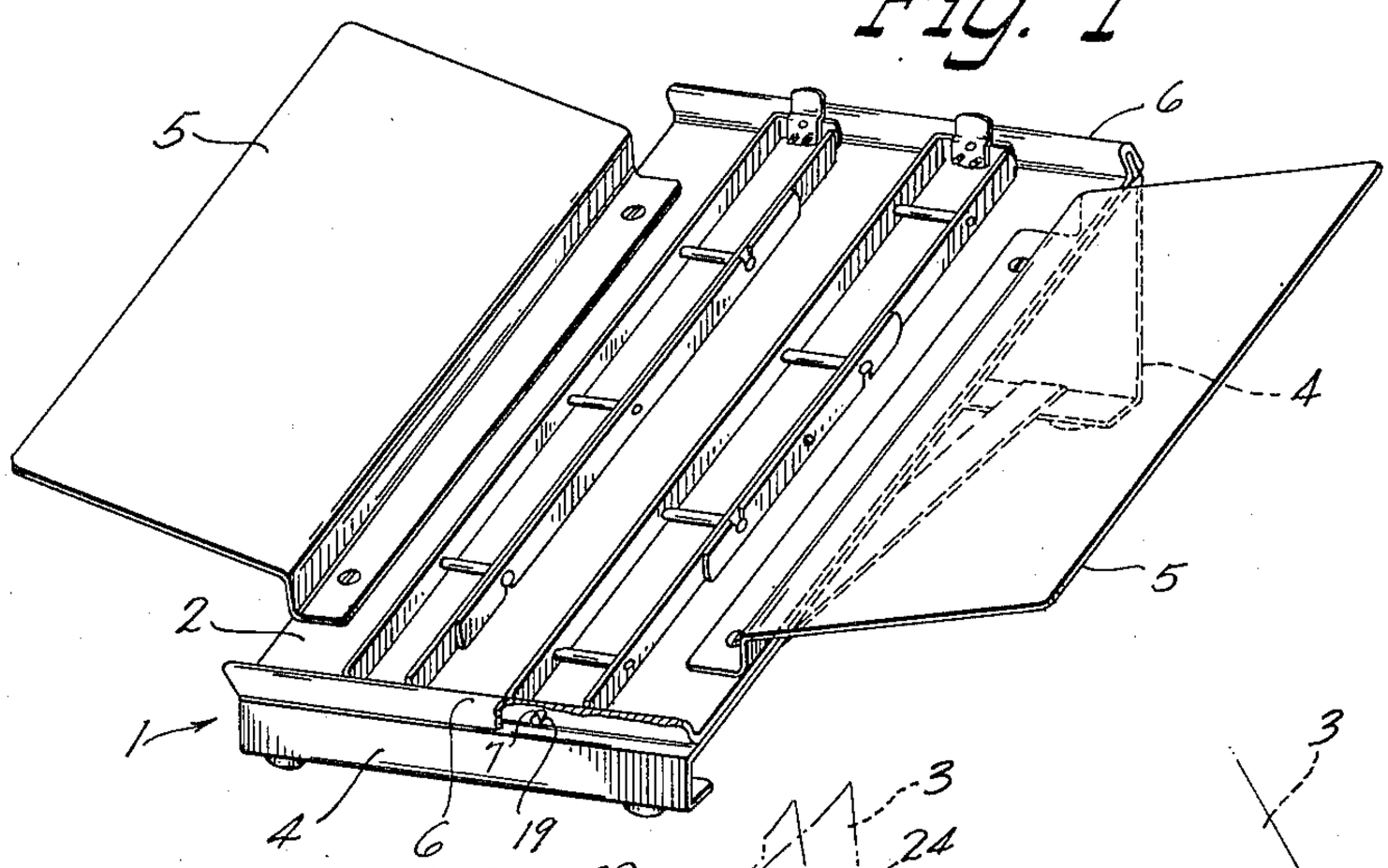

Fig. 2

Fig. 3

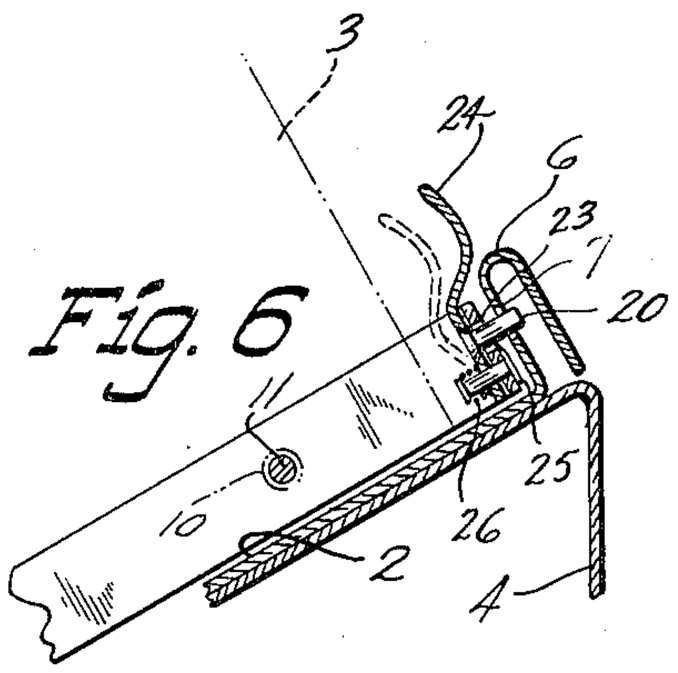

Fig. 6

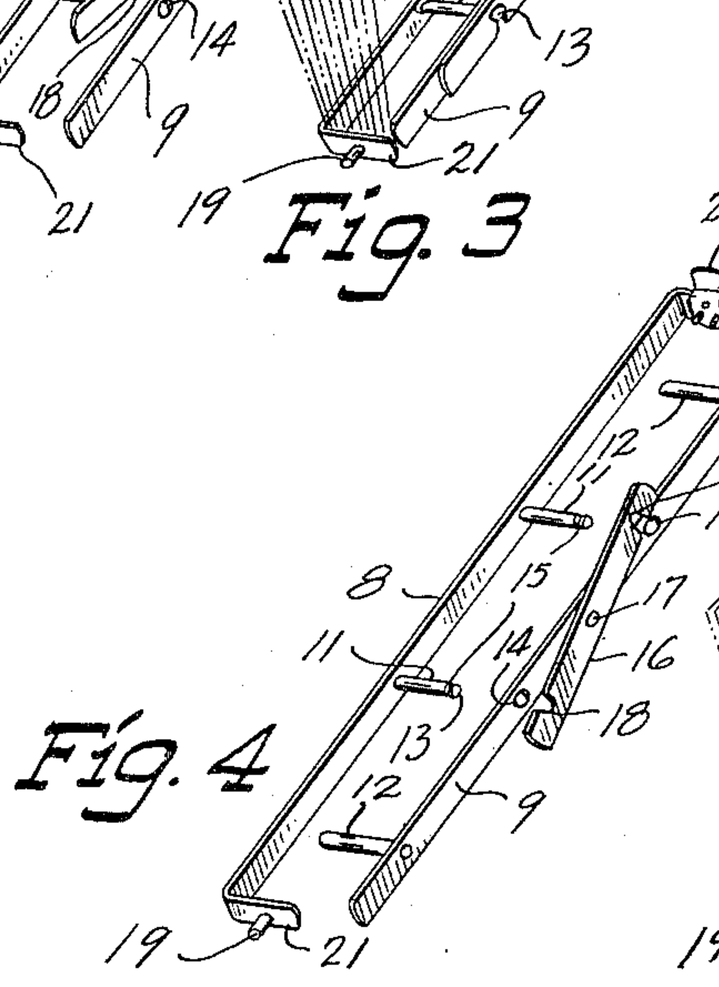

Fig. 4

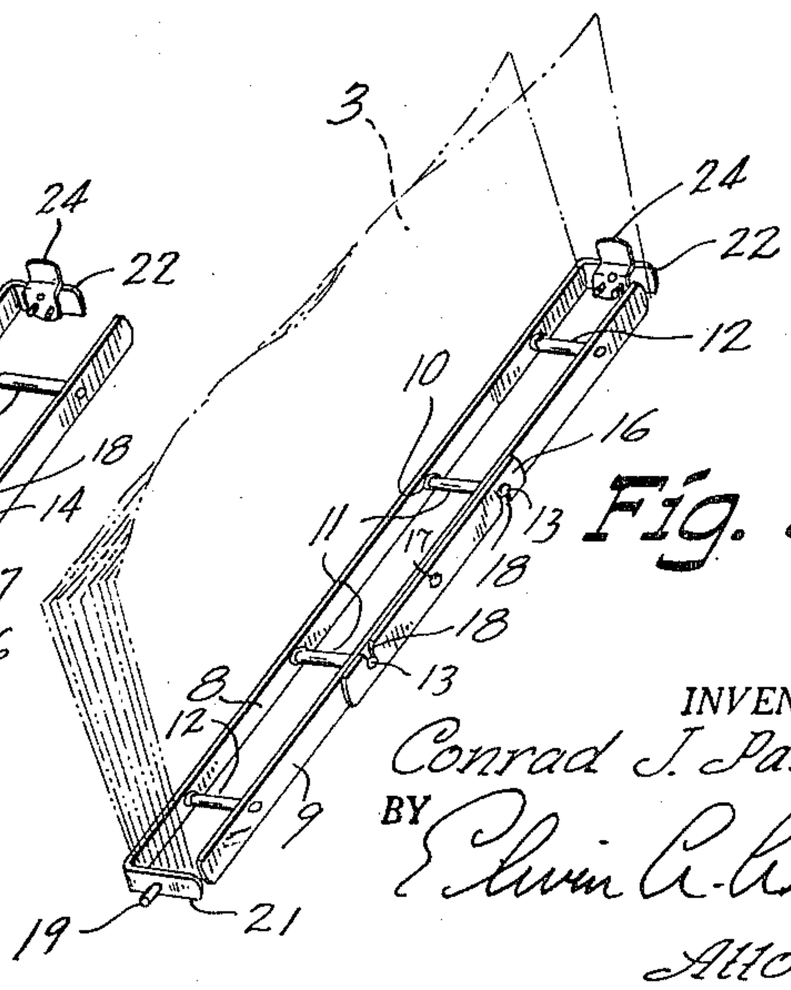

Fig. 5

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MULTIPLE CATALOGUE BINDER

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1 Claim. (Cl. 129—1)

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This invention relates to binders for securing catalogs, directories and the like to permanent or semi-permanent installations or holders.

An object of the invention is to provide a simple, inexpensive binder which is easily secured to the back of a catalog or the like and which may be instantly locked into or unlocked out of position in a suitable holder to secure the catalog thereto.

Another object of the invention is to provide a catalog binder and holder which will permit the interchanging of catalogs on the holder as desired.

Another object is to provide a binder which is light in weight and which may be left conveniently on the catalog while removed from the holder and while being used otherwise without the holder.

Another object is to provide a locking mechanism on the holder to receive the binder and which has no protruding or extending parts.

Various other objects of the invention will appear in the following description of a preferred embodiment of the invention illustrated in the accompanying drawing.

In the drawing:

Figure 1 is a perspective view of a holder of the type adapted for use with the invention;

Fig. 2 is a perspective view of a three post binder in opened position ready to receive a catalog;

Fig. 3 is a perspective view of the binder shown in Fig. 2 in closed position with a catalog secured therein shown in outline;

Fig. 4 is a perspective view of a four post binder similar to that shown in Fig. 2;

Fig. 5 is a detail view of the locking mechanism at one end of the binder; and

Fig. 6 is a cross sectional view through the locking mechanism in position on the holder shown in Fig. 1.

The holder or stand for the catalog may be of any desired construction and may be a separate table supported unit or can also be, for example, a permanently installed wall fixture.

The holder 1 illustrated is of sheet metal construction having an inclined flat top 2 against which the backs of the catalogs 3 are secured and upon which the catalogs may be opened for use. Legs 4 support the top 2 and demountable extension leaves 5 are secured to opposite sides of the top 2 to provide additional support for the opened pages of the catalog.

Flanges 6 extending perpendicular to the top along its upper and lower edges are provided

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with spaced holes 7 for securing the binders in spaced relation side by side. The top 2 should be of such dimensions and the flanges 6 spaced so that the back of each catalog will fit between the flanges. The holder illustrated is provided with two sets of holes 7 to receive two binders. Any number of holes may be provided to accommodate as few or as many catalogs as may at any time be desired to be placed on the holder.

The binders which are secured to the catalogs and by which the catalogs are secured to the holder, as will be described, each comprise two flat metal strips 8 and 9 disposed on either side of the catalog near its bound edge. A series of holes 10 through the catalog beneath the strips are provided in the catalog to receive posts 11 and 12 which extend therethrough and are secured at either or both ends, as will be described, to strips 8 and 9 on either side of the catalog.

In the binder shown in Figs. 2 and 3 three posts are provided which extend through three holes in the catalog. Two posts 11 are mounted on strip 8 at one end and have reduced opposite ends 13 which project through holes 14 in strip 9 on the opposite side of the catalog. An annular notch 15 is provided near the end of each post 11 projecting through holes 14. A locking strip 16 similar to strips 8 and 9 is pivotally secured on the outside of strip 9 by a pin 17 located approximately midway between posts 11 and is provided with opposite recesses 18 whereby locking strip 16 is adapted to engage in notches 15 at the ends of posts 11 extending through holes 14 to secure the two strips together.

Post 12 located between posts 11 is secured at one end thereof to strip 8 and extends through the center hole 10 of the catalog up to strip 9.

In the binder shown in Fig. 4 a total of four posts 11 and 12 are employed to extend through four holes 10 in the catalog.

Two posts 12 are secured to strip 9 and two posts 11 mounted on strip 8 extend through holes 14 in strip 9 and are secured thereto by locking strip 16.

The catalog 3 is secured in the binder by inserting posts 11 in the corresponding holes 10 of the catalog with strip 8 disposed flat against one side and with the posts 11 projecting from the other side thereof and then inserting posts 12 in the other corresponding holes 10 from the opposite side so that ends 13 of posts 11 enter the holes 14 in strip 9. By rotating locking strip 16 to engage and secure the posts 11, the catalog is locked within the binder.

The binder and catalog are secured to the

holder by pins 19 and 20 projecting from the opposite ends, respectively, of the binder. One pin 19 is secured to a tab end 21 of strip 8 bent 90° around the end of the catalog. A tab end 22 at the other end of strip 8 bent 90° extends around the other end of the catalog and serves to support a retractable pin device.

The retractable pin device, as shown in the drawings, comprises a pin 20 projecting through a hole 23 in tab 22 near the top edge thereof and secured to a short lever 24 pivotally connected to tab 22 on the inside thereof and below hole 23. Lever 24 is bent away from the catalog to allow for manipulation of the lever with the fingers to withdraw the pin 20.

Lever 24 is pivotally secured to tab 22 by two rivets 25 in tab 22 passing loosely through the lever below pin 20. A spring 26 on each rivet serves to bias lever 24 against the tab 22 and thereby biases pin 20 in the extended position.

The catalog 3 and the binder are secured to the holder 1 by placing pin 19 in a desired hole 7 in one of the flanges 6, retracting pin 20 by pressing lever 24 towards the catalog, placing the catalog and binder in position so that pin 20 registers with the hole opposite that in which pin 19 has been inserted and releasing lever 24 so that pin 20 enters the hole and secures the catalog and binder on the holder.

Flange 6 may be provided with a round or beveled edge so that the binders may be snapped into position and removed only by manually releasing pin 20 by means of lever 26.

The various catalogs to be used with the holder may be each equipped with a binder and secured to the holder as described. The light weight and small dimensions added to the catalog permits the catalog to be used without the holder and without having to remove the binder in each instance.

Various embodiments of the invention may be employed within the scope of the accompanying claim.

I claim:

A catalog binder and support therefor comprising a pair of spaced upstanding flange members adapted to confine and support the ends of one or more removable catalog binders, said catalog binder comprising a pair of separable strips and means to secure one of said strips to the other with the back margin of a catalog held therebetween, the ends of one of said pair of strips extending inwardly at right angles to the longitudinal axis of the said strip to provide tab members, said tab members being adapted to extend across the top and bottom edges of a catalog held between the said strips, a separable connection between each flange member and the center of the adjacent tab member, each connection comprising a pin projecting from one of said members, the opposite member having a perforation therein to receive said pin, at least one of said connection pins being spring biased and movable in a direction parallel to the longitudinal axes of said metal strips, and projecting means extending above the upper edge of said flange member for manually moving said movable pin to retract it from said perforation for insertion and removal of said binder between and from said pair of supporting flange members.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
628,134	Webb	July 4, 1899
676,217	Briggs	June 11, 1901
2,019,003	Efflandt	Oct. 29, 1935
2,140,176	Unger	Dec. 13, 1938
2,196,483	Vaughan	Apr. 9, 1940
2,271,734	Dunham	Feb. 3, 1942