W. J. OLIVER.

FILING DEVICE.

APPLICATION FILED AUG. 30, 1915.

1,194,536.

Patented Aug. 15, 1916.

2 SHEETS—SHEET 1.

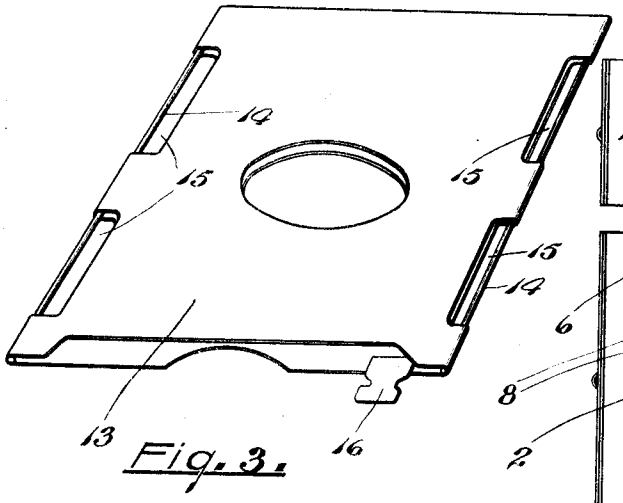


Fig. 3.

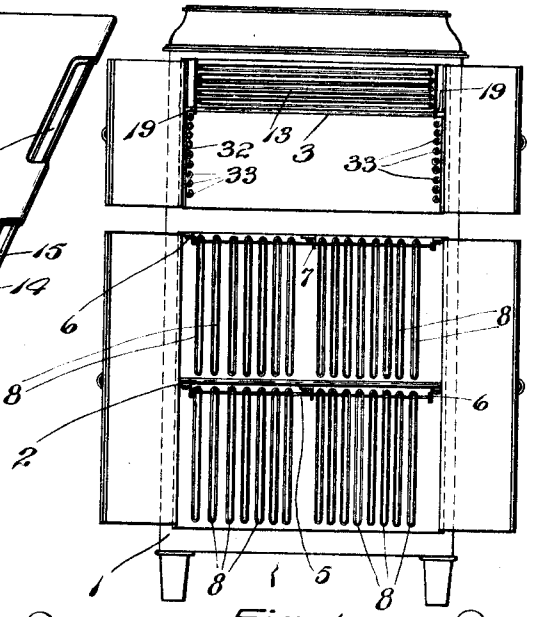


Fig. 1.

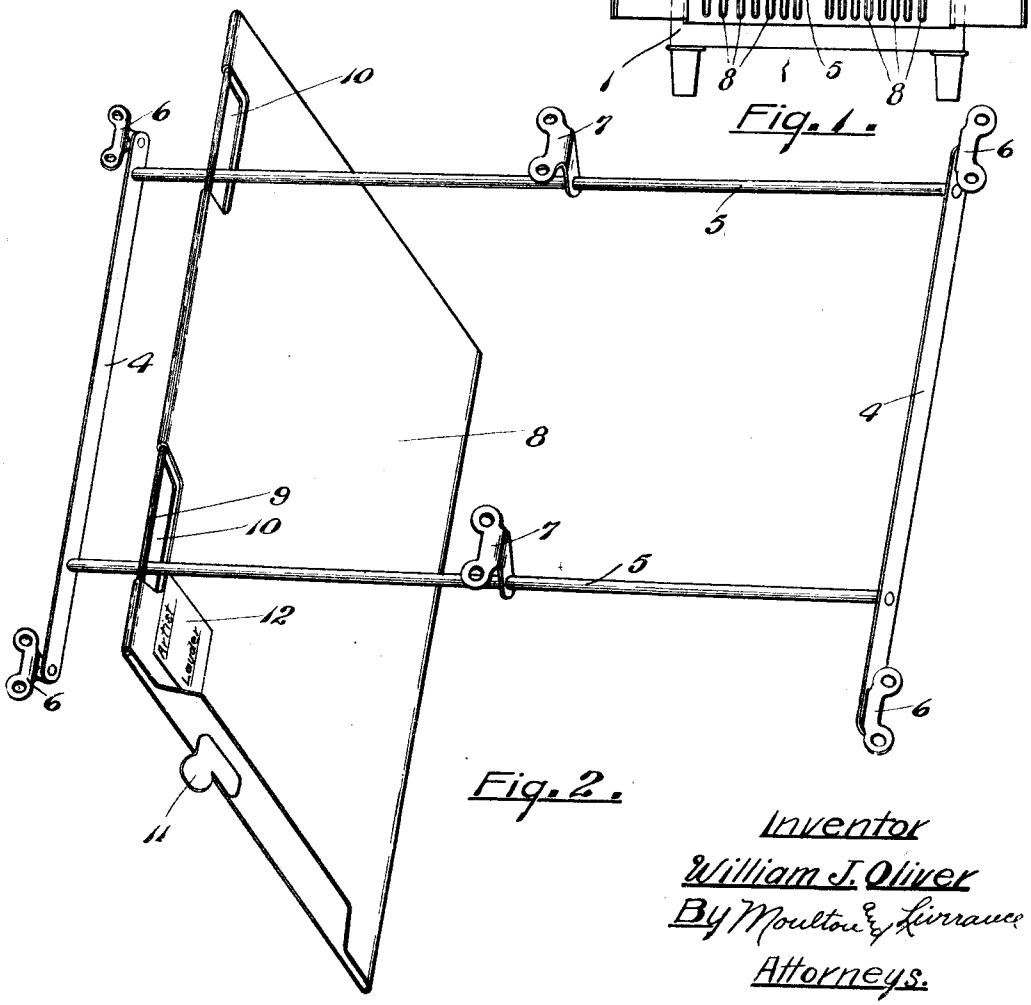


Fig. 2.

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2 SHEETS—SHEET 2.

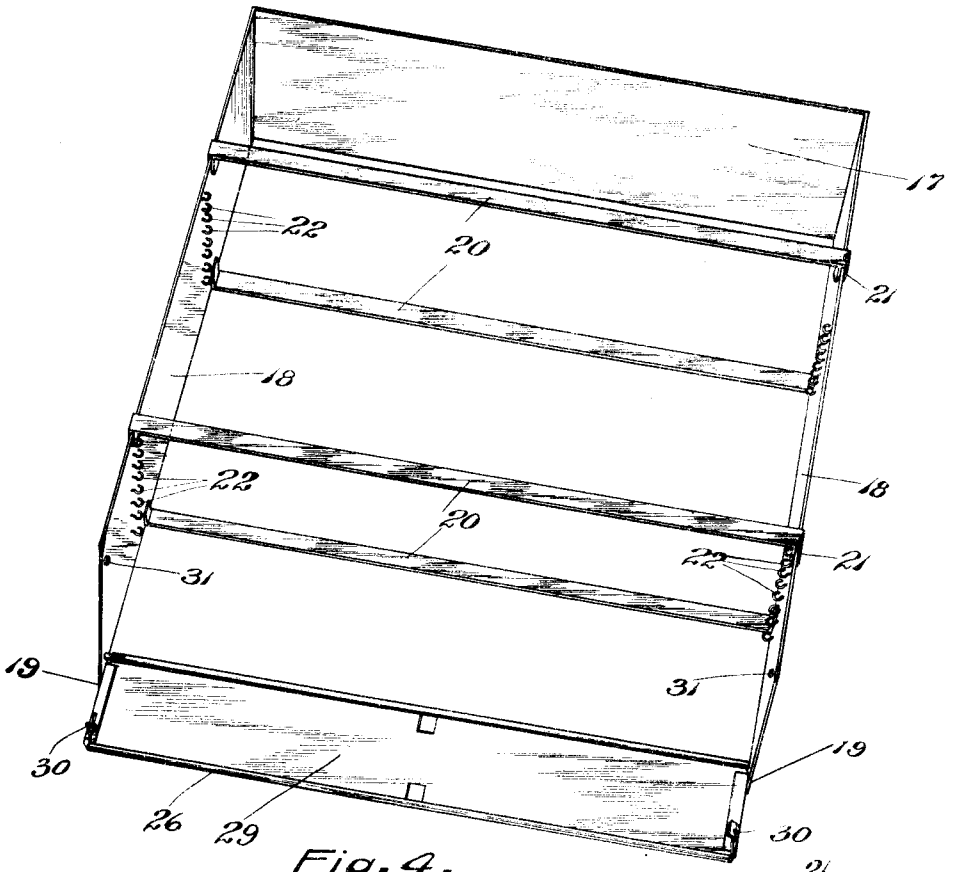


Fig. 4.

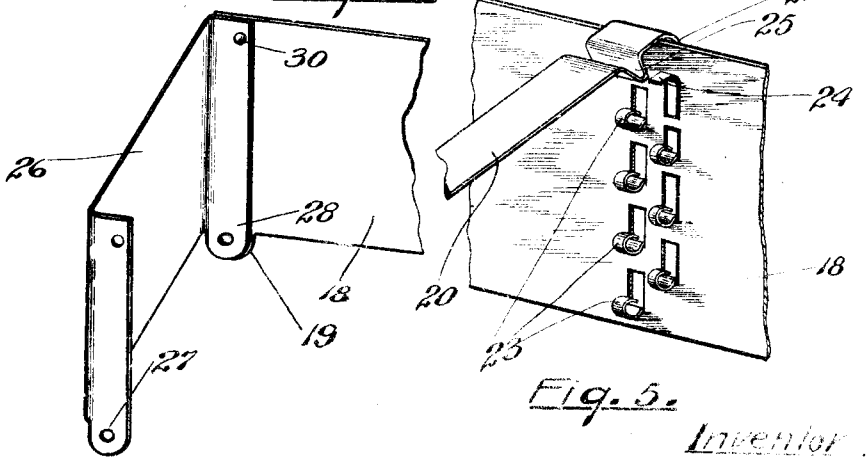


Fig. 6.

Fig. 5.

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FILING DEVICE.

1,194,536. Specification of Letters Patent. Patented Aug. 15, 1916.

Application filed August 30, 1915. Serial No. 47,987.

To all whom it may concern:

Be it known that I, WILLIAM J. OLIVER, a citizen of the United States of America, residing at Allegan, in the county of Allegan and State of Michigan, have invented certain new and useful Improvements in Filing Devices; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to filing devices especially adapted for receiving and carrying disk records in cabinets or other inclosures.

It is the object and purpose of my invention to provide a filing device of economical construction which may be used to receive records either in vertical or horizontal position, the receivers being slidably suspended from suitable supports and movable thereon in a forward direction for a limited distance so as to project any disk receiver of an individual record into position that the record may be readily removed or replaced as desired.

Various other objects and purposes together with novel constructions for attaining the same will be apparent as understanding is had of the embodiment shown in the accompanying drawings, in which:

Figure 1 is a front elevation of a cabinet equipped with several modified forms of my filing device. Fig. 2 is a perspective view of a modification of the filing device adapted to suspend and hold the records in vertical position. Fig. 3 is a perspective view of a receiver for disk records adapted to be positioned horizontally. Fig. 4 is a perspective view of a container for receivers of the type shown in Fig. 3 which is adapted to be inserted between horizontal shelves in disk record cabinets. Fig. 5 is a perspective view of a fragment of a container of the type shown in Fig. 4, illustrating a preferred modification of the means for slidably supporting the record receivers; and Fig. 6 is a similar fragmentary perspective view showing the preferred form of door for the front of the container shown in Fig. 4.

Like reference characters refer to like parts throughout the several views of the drawings.

The cabinet 1 shown in Fig. 1 is provided with a horizontal partition 2 in the lower portion thereof dividing said compartment into upper and lower sections, each of considerable height so that records may be suspended vertically therein. In the upper compartment of the cabinet a horizontal shelf 3 is located a short distance below the top of the cabinet, there being formed above it a space for reception of containers of the type illustrated in Fig. 4. In certain types of disk record cabinets now on the market a plurality of horizontal shelves are spaced about two and one-half or three inches apart and the containers of the type illustrated in Fig. 4 are adapted to be inserted between said shelves. Other cabinets have a distance from ten to fifteen inches between horizontal partitions as shown in the lower part of Fig. 1 and these are adapted to receive the records in vertical position.

From the latter type of cabinet a construction of the character illustrated in Fig. 2 is available. Specifically this construction includes end bars 4 spaced apart and carrying between them spaced apart horizontal rods 5. The bars 4 are connected to the underside of the horizontal partition 2 and to the underside of the top of the lower compartment as shown in Fig. 1 by means of the attaching devices 6 and the rods 5 are supported intermediate their ends by similar attaching devices 7. The receivers for records comprise an envelop 8 formed of paper, preferably, having sides between which the record may be inserted and at the upper edge of said receiver a rod 9 is positioned within the bend, this rod resting upon the horizontal rods 5. Elongated notches 10 are cut in the receiver so as to permit the record to be withdrawn a distance, rod 9 sliding upon rods 5. A tab 11 may be attached at the front of the receiver for the manual withdrawal of said receiver and any suitable indicating tag 12 may be permanently attached to the receiver to indicate the record within it.

When the records are to be located horizontally a receiver of the type shown in Fig. 3 is used comprising an envelop 13 at each side edge of which a rod 14 similar to rod 9 is located and notches 15 are cut at

either side as shown. This receiver is also provided with a suitable withdrawing tab 16.

A container for a plurality of receivers of the type shown in Fig. 3 is illustrated in Fig. 4, comprising a sheet metal back 17 having integral forwardly projecting sides 18 which at their forward ends are extended downwardly at 19, these parts 19 as the container is inserted within the cabinet, bearing against the front edges of the shelves of the cabinet. Cross bars 20 are located at the upper and lower edges of the sides 18 and have ends 21 turned at right angles and detachably connected to said sides 18 by any suitable detachable connection. The receivers 13 are supported horizontally by hooks 22 projecting inwardly from each side 18, it being apparent that the rods 14 are carried by these hooks and that any receiver may be withdrawn a limited distance, depending upon the length of the slots 15.

I prefer to make the supporting hooks from pieces of metal struck inwardly from the sides 18, and bent to proper form as shown at 23. To do this the upper struck out piece of metal 24, owing to the nearness to the upper edge of the side 18, cannot be turned into a hook but will consist of a horizontal tab and to retain the upper receiver 13 thereon the cross bar 20 is provided with a downwardly extending bend 25 as shown in Fig. 5.

The front of the container is provided with a closure 26 which in the preferred form shown in Fig. 6 has backwardly extending sides 27 pivotally connected by rivets 28 adjacent the lower edges of the side members 18. On the rear side of this closure any suitable index 29 may be fastened in any suitable manner. The closure is normally held in closed position by means of spring catches 30 seating in depressions 31 formed on the inner sides of the sides 18. When a record is to be removed the closure is dropped and the receiver therefore drawn forward a sufficient distance that the record may be readily taken therefrom.

In Fig. 1 I have also shown another method of supporting receivers of the type shown in Fig. 3. Vertical strips 32 attached to the sides of the cabinet below the partition 3 are provided with hooks 33 formed in a manner similar to the hooks 23 in Fig. 5, and these are adapted to carry receivers of the character shown in Fig. 3.

Various other modifications in construction will occur to others skilled in the art and accordingly I do not wish to be limited to the exact disclosure made but consider myself entitled to all modifications of construction falling within the scope of the appended claims which define the invention.

I claim:—

1. In a device of the character described, a record receiver having a rod at one edge thereof and a plurality of slots cut in the receiver at said edge, and devices slidably carrying the receiver engaging with and supporting the rod and inserted in said slots, said slots being of length sufficient to permit movement of the record receiver a distance in the direction of its length, substantially as described.

2. In a device of the character described, an envelop adapted to receive matter to be filed therein, and having a plurality of elongated portions cut from a side edge thereof, a rod inserted in the envelop at the bend at said side edge, and devices slidably engaging and carrying said rod and inserted in the spaces at the cut away portions whereby said envelop may be moved on said devices a distance in the direction of its length, substantially as described.

3. In a device of the character described, spaced apart side supports having hooks projecting inwardly therefrom, a receiver for articles filed comprised of a flat member having spaced apart portions cut from each side edge, and a rod at each side edge slidably supported by the hooks, said hooks entering the spaces at the removed portions, substantially as described.

4. In a device of the character described, a container comprised of a back and spaced apart forwardly projecting sides, a door pivotally connected at the open front end of said container, a plurality of hooks projecting inwardly from said sides and a plurality of receivers slidably mounted on the hooks, each receiver comprised of a flat member having a plurality of portions cut from the side edges thereof and rods at each side edge, the rods being received by the hooks and the hooks entering into the spaces at the removed portions of the flat member, substantially as described.

5. A record receiver comprised of an envelop formed of paper or the like, the sides thereof being bent back upon each other at the edges thereof, a rod inserted between said sides at an edge of the record holder, there being a plurality of elongated slots cut in the holder at the said side edge adapting the holder for slidable mounting upon spaced apart supports and movement thereon in the direction of its length, substantially as described.

In testimony whereof I affix my signature.

WILLIAM J. OLIVER.