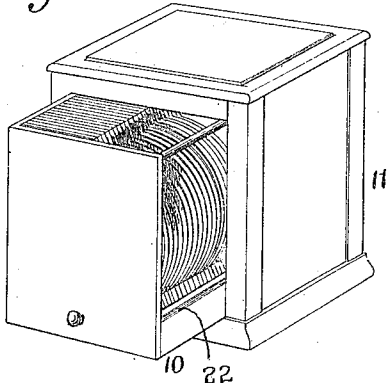
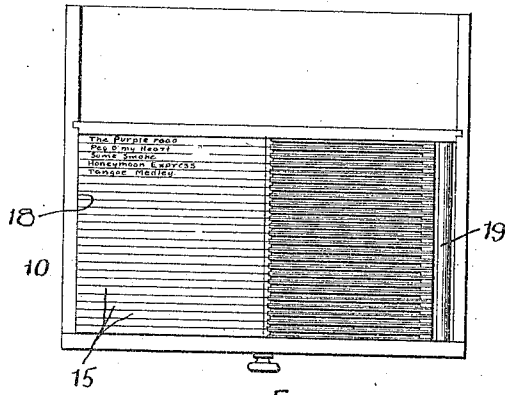
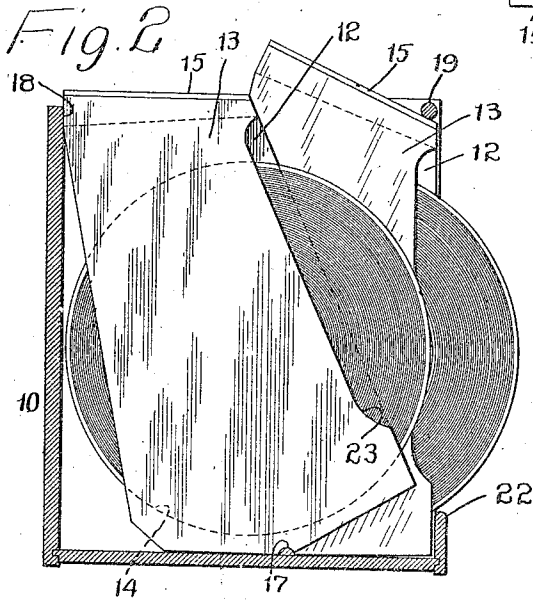
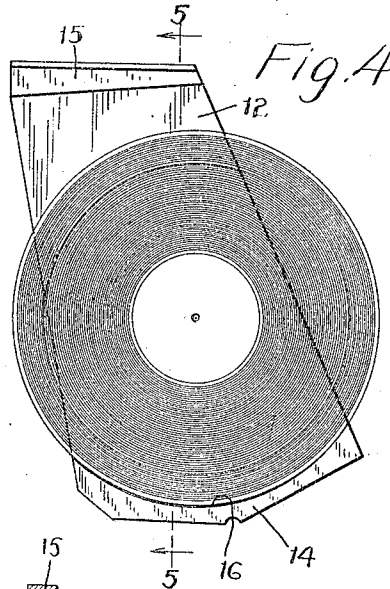
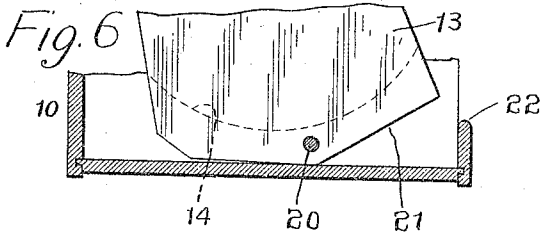
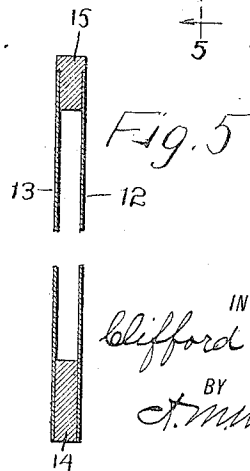


C. W. MARSH.
DISK RECORD HOLDER.
APPLICATION FILED DEC. 7, 1915.

1,208,346.
Fig. 1



Patented Dec. 12, 1916.
Fig. 3



WITNESSES:
H. A. Meade

INVENTOR
Clifford W. Marsh
BY
C. M. Hooster
ATTORNEY

UNITED STATES PATENT OFFICE.

CLIFFORD W. MARSH, OF BRIDGEPORT, CONNECTICUT.

DISK-RECORD HOLDER.

1,208,346.

Specification of Letters Patent.

Patented Dec. 12, 1916.

Application filed December 7, 1915. Serial No. 65,500.

To all whom it may concern:

Be it known that I, CLIFFORD W. MARSH, a citizen of the United States, residing at Bridgeport, county of Fairfield, State of Connecticut, have invented an Improvement in Disk-Record Holders, of which the following is a specification.

This invention has for its object to provide a convenient and inexpensive holder for disk records, as talking-machine records, which shall comprise a suitable frame and containers for individual records, the containers acting to retain the records securely in place, and when tilted forward to place the record carried thereby in advance of the other records so that it may be readily removed and will remain in position to receive the record after use. With this object in view I have devised the novel container and frame therefor, which I will now describe, referring to the accompanying drawing forming a part of this specification and using reference characters to indicate the several parts.

Figure 1 is a perspective view showing a plurality of containers each carrying a record in a frame arranged to slide as a drawer in a cabinet; Fig. 2 is a view on an enlarged scale showing the frame in section and a plurality of containers in elevation, one of the containers being tilted to the delivering position; Fig. 3 a plan view on the same scale showing the frame adapted for use as a drawer, as in Fig. 1; Fig. 4 an elevation of a container with a record therein, the rear side of the container being removed; Fig. 5 a section on an enlarged scale on the line 5-5 in Fig. 4, looking in the direction of the arrows, and Fig. 6 is a detail view partly in elevation and partly in section, illustrating a variant form in which the containers tilt upon a rod instead of upon a rest.

10 denotes a frame which may be made of wood or metal, as preferred, and is closed at the bottom and preferably at the back, and is open at the top and side. As an illustration of a convenient application of the invention, I have shown in Figs. 1 and 2 a frame adapted to slide like a drawer in a cabinet indicated by 11. It should be understood, however, that the invention lies in the frame and the container, and that it is immaterial so far as the present invention is concerned how the frame is inclosed or whether or not it is inclosed at all.

My novel container comprises sides indi-

cated by 12 and 13, a base strip indicated by 14 and a top strip indicated by 15, the front and back being preferably open. The base and top strips may be made of wood and the sides of strong heavy paper, or light cardboard, and glued or otherwise firmly secured to the base and top strips. The sides are preferably recessed into the top strip, as shown in Fig. 5, so that the full width of the upper side of the top strip may be utilized to write or otherwise indicate thereon the name of the record carried by the container. The space between the sides is just wide enough to receive a record easily without waste of room. The upper side of the base strip is made to incline downward from both front and back to the center, the line being preferably a concave curve of a radius equal to or slightly greater than the largest records, so that records of any size may be received in the depression, which is indicated by 16, and will be retained therein in either position of the container. The exact shape or size of the containers is of course not of the essence of the invention. I preferably, however, make the frame and containers of approximately the relative size indicated in Fig. 2. In the normal or retaining position, the tops of the containers preferably lie horizontal to, and (for convenience in tilting them independently to the delivering position by a single movement) slightly above the top of the frame, as indicated in Fig. 2. Side 13 is preferably cut away slightly at the front relatively to side 12, as at 23, for convenience in returning records to place.

An important feature of the invention is that the containers tilt on a rest or rod from the normal or retaining to the forward or delivering position, and vice versa, and that in the retaining position, the center of gravity of the retainer is back of the fulcrum and in the delivering position it is forward of the fulcrum, suitable stops being of course provided to retain the container in either of these positions.

When it is desired to have the containers readily removable, they are fulcrumed upon a rest 17 extending across the bottom of the frame, the bases of the containers being provided with grooves to receive the rest, as clearly shown in Fig. 2. The inner side of the frame at the top serves as a stop for the containers when tilted to the retaining position, as at 18 in Fig. 2. When tilted to the delivering position, the top of the container

near the front edge comes in contact with a cross rod 19 which limits its forward movement, as clearly shown in Fig. 2.

If it is preferred that the container should be attached to the frame, instead of tilting upon a rest, a pivot rod 20 may be passed through holes in the bases of the containers, the rod being secured in the frame. I have shown the bottoms of the bases of the containers as inclining in an obtuse angle to each other from the pivotal point, so as to permit free tilting of the containers. Where the containers are pivoted on a rod, as in Fig. 6, the front base angle of the container, indicated by 21, operates in connection with the pivot rod, as a front stop in the delivering position, so that if preferred cross rod 19 may be dispensed with. At the bottom of the frame in front I provide a ledge 22 which may serve as a rest for the edges of the records and is convenient in returning them to place.

The operation of my novel record holder will be obvious from the drawing. Owing to the fact that the center of gravity in the retaining position is back of the pivotal point and in the delivering position is in front of the pivotal point, the containers are self-retaining in either position. No list or index is required. Each container may have the name of the record it carries plainly written on the top. To remove a record, the container is tilted forward, as indicated in Fig. 2. This leaves the front edge of the record projecting outward beyond the other records, so that it may be readily removed, although it is still retained in place by being seated in the depression in the base strip. The container remains in the delivering position and after use, the record is simply slid back to its place and the container tilted to the retaining position. As it is so easy to take a record from the holder or to return it to place, there is no inducement to remove more than one record at a time or to neglect to return a record after using it, it being just as easy to place a record in its container which is tilted forward waiting for it, as it is to lay it down.

The ledge forms a convenient rest for the edge of the record in returning it to place and as the near side of the container is cut away there is not the slightest difficulty in inserting it between the sides of the container. The containers work equally well with large or small records, each record remaining securely in place in either the retaining or delivering position of the container.

Having thus described my invention I claim:—

1. A holder of the character described comprising a frame having an open top and

an open side, a series of record containers mounted within said frame in side-by-side arrangement and adapted to be individually advanced and retracted by rocking movement to and from a position at said open side of the frame, and means for checking movement of said containers in both advanced and retracted positions, said containers being in a condition of stable equilibrium in each of said positions and the tops thereof being in a common substantially horizontal plane when said containers are in their retracted positions.

2. A holder of the character referred to comprising a frame having a closed side and an open side, record containers mounted to rock within said frame, and means contiguous to the open side of the frame to prevent movement of the containers beyond the plane of said open side, movement in the opposite direction being limited by the closed side of the frame.

3. A holder of the character referred to comprising a frame having a closed side and an open side, record containers mounted to rock within said frame, and a stop contiguous to the open side of the frame and positioned to engage the tops of the containers to prevent movement thereof beyond the plane of said open side, movement in the opposite direction being limited by the closed side of the frame.

4. A holder of the character described comprising a frame, record containers mounted within said frame to individually rock to and from advanced and retracted positions, and means at each side of said frame for limiting the range of rocking movement to the space between the sides of said frame, one of said means comprising a rod located laterally with respect to the containers and positioned to be engaged by the tops thereof, the top edges of said containers being normally in a common substantially horizontal plane when the containers are in retracted positions.

5. An improved disk record container comprising a body having a flat base upon which it is normally supported, spaced-apart sides which incline from the perpendicular when said body is resting upon said base, and a top disposed substantially parallel to said base.

6. The combination with a cabinet, of a drawer slidably mounted therein and open at one side, record containers mounted to rock within said drawer, and means contiguous to the open side of the drawer to prevent movement of the containers beyond the plane of said open side.

In testimony whereof I affix my signature.

CLIFFORD W. MARSH.