W. M. WARD.

PHONOGRAPH DISK RECORD HOLDING CABINET.

APPLICATION FILED MAR. 24, 1919.

1,310,814.

Patented July 22, 1919.

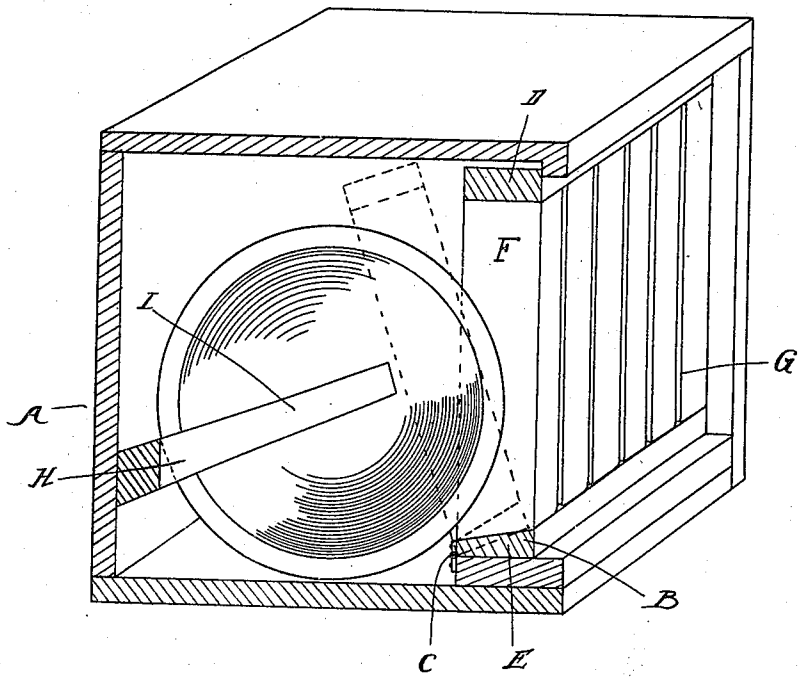


Fig. 1

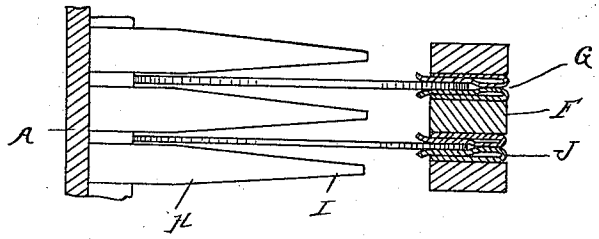


Fig. 2.

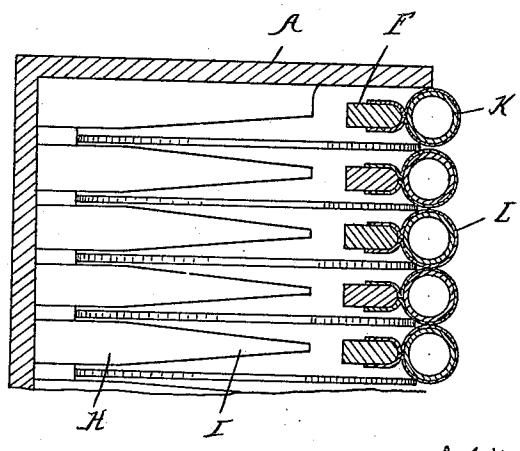


Fig. 3.

Inventor

William M. Ward

By Whittemore Hulbert & Whittemore

Attorneys

THE COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

WILLIAM M. WARD, OF WYANDOTTE, MICHIGAN.

PHONOGRAPH-DISK-RECORD-HOLDING CABINET.

1,310,814. Specification of Letters Patent. Patented July 22, 1919.

Application filed March 24, 1919. Serial No. 284,767.

To all whom it may concern:

Be it known that I, WILLIAM M. WARD, a citizen of the United States of America, residing at Wyandotte, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Phonograph-Disk-Record-Holding Cabinets, of which the following is a specification, reference being had therein to the accompanying drawings.

The invention relates to phonograph disk record holding cabinets and consists in the novel construction as hereinafter set forth.

In the drawings:

Figure 1 is a sectional perspective view of the device;

Fig. 2 is a horizontal section thereof;

Fig. 3 is a similar view showing a modified construction.

It is the object of the invention to completely inclose the records in a dust-proof case and at the same time provide for access to the entire series whenever one or more records are to be selected. This I accomplish by providing the cabinet with a movable slotted front panel through which the records may be inserted, leaving a small segment of each record exposed in one position of said movable panel, while in the normal position thereof all of the records are completely within the cabinet and concealed from view. The slots are normally closed by resiliently yieldable members, between which the records may be inserted and from which they may be withdrawn when required.

In detail, and as shown in the drawings, A is a cabinet of any suitable construction of sufficient size to receive a record of maximum diameter. B is the front panel movably connected to the body of the cabinet and preferably hinged thereto, as indicated at C. This panel is formed with top and bottom rails D and E with vertical bars F extending therebetween and spaced to leave slots G of sufficient width for the passage of the records. H is a rack in rear of the panel D having forwardly extending fingers I which are alined with the bars F and serve to hold the records in registration with the slots G. The proportion of the parts is such that when the panel is in upright position, as shown in full lines in Fig. 1, the records will be completely concealed within the cabinet, but a segment of each record will nevertheless extend a slight distance into the slot G between the bars F. On the other hand, when the panel is moved into the inclined position, shown in dotted lines, a segment of each record will be exposed in front of the panel so that any selected record may be easily withdrawn.

It is important to prevent the settling of dust upon the records and to exclude dust from the cabinet. This is accomplished, as before stated, by resiliently yieldable members on opposite sides of each slot which close against each other when the record is completely within the cabinet and the panel is in vertical position, but which are forced apart by the record when the panel is in inclined position. As shown in Fig. 2 these resilient closing devices are formed by loops J of felt or other soft material having one portion secured to the side of the cross bar and another portion extending inward therefrom.

In the modified construction shown in Fig. 3 the slots are closed by tubular members K of resilient material, such as rubber tubing, arranged in front of the cross bars F and of sufficient normal diameter to bear against each other. The tubes K are preferably covered with cloth, as indicated at L, this running rearward along the cross bars F; the cloth serving to protect the records from scratching or other injury and also connecting the tubes to the cross bars.

With the construction as shown, whenever records are to be inserted or withdrawn from the cabinet the panel B is swung inward into the dotted position, whereupon the records in the cabinet will project outward through the slots, exposing a segment of each to view. Also in this position a record which has been in use may be inserted into its proper slot, after which, by swinging the panel forward, all of the records will be withdrawn into the slots and the resilient members will close the openings.

The construction is not only easily operated and effective in holding and protecting the records, but it is also of pleasing appearance, and if desired the tubes K may be given the appearance of the backs of books in a library.

What I claim as my invention is:

1. The combination with a cabinet for receiving a series of records, of a slotted panel forming a wall of said cabinet through which the records may be inserted, said panel being movable from a position where

all of the records are concealed in the slots to a position where a segment of each is exposed.

2. The combination with a cabinet and means therein for holding a series of parallelly-arranged records, of a slotted panel forming a wall of said cabinet, the slots being in registration with the records in the holding means, said panel being movable from a position where the records are completely concealed in the slots to a position where a segment of each is exposed.

3. The combination with a cabinet for receiving a series of records, of a slotted panel forming a wall of said cabinet and movably attached thereto so as to be adjustable from a position where the records are all concealed in the slots to a position where a segment of each is exposed, and resilient means for closing the slots in the former position.

4. The combination with a cabinet adapted to receive a series of phonograph records, of a slotted panel forming a wall of said cabinet and hinged at one edge to be movable into an inclined position where a segment of each record is exposed in front of the panel, and resilient means for closing the slots when the records are completely withdrawn therein.

5. The combination with a cabinet for receiving a series of phonograph records, of a slotted panel forming a wall of said cabinet and hinged to be movable into an inclined position, and resilient means at the front of said panel for closing the slots thereof when the records are completely withdrawn therein.

6. The combination with a cabinet for holding a series of phonograph records, of a slotted panel forming one wall of said cabinet and hinged thereto, and a series of resilient tubes at the front of said panel forming yieldable closures for said slots and between which a segment of each record is forced outward in the inclined position of the panel.

In testimony whereof I affix my signature.

WILLIAM M. WARD.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."