LE ROY P. CLUTTER.

CABINET FOR PHONOGRAPHIC DISKS.

APPLICATION FILED AUG. 6, 1919.

1,416,689. Patented May 23, 1922.

Fig. 1

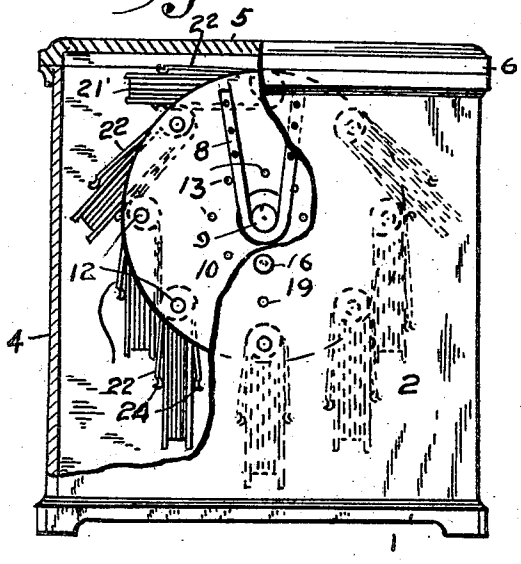


Fig. 2

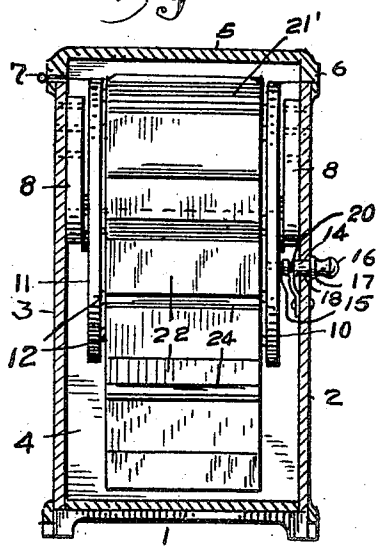


Fig. 3

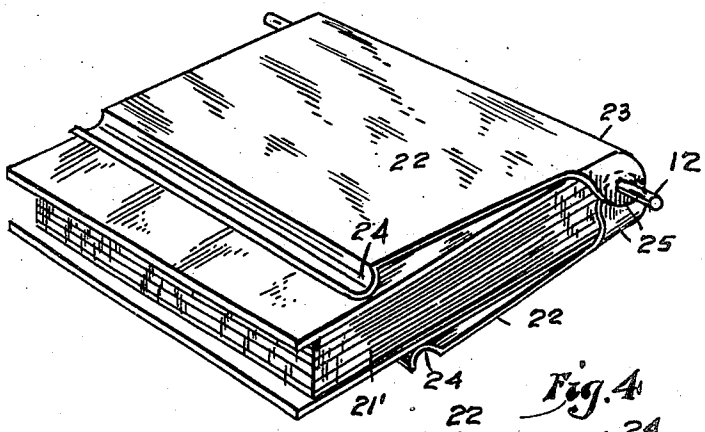


Fig. 5

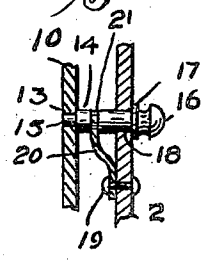
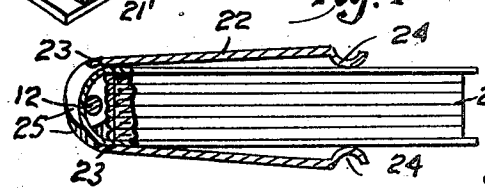


Fig. 4



WITNESSES

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CABINET FOR PHONOGRAPHIC DISKS.

1,416,689. Specification of Letters Patent. Patented May 23, 1922.

Application filed August 6, 1919. Serial No. 315,605.

To all whom it may concern:

Be it known that I, LE ROY P. CLUTTER, a citizen of the United States, residing at West Finley, in the county of Washington and State of Pennsylvania, have invented certain new and useful Improvements in Cabinets for Phonographic Disks, of which the following is a specification.

This invention relates to cabinets, designed primarily for the reception or filing and storage of phonographic disk records, but it is to be understood that the cabinet can be employed for any purposes wherein it is found applicable, and the invention has for its object to provide a cabinet for the purpose set forth with means, in a manner as hereinafter referred to, to enable the convenient locating, removing and replacing of a record disk when occasion so requires.

Further objects of the invention are to provide a cabinet for the purpose referred and in a manner as hereinafter set forth which is simple in its construction and arrangement, ornamental in appearance, strong, durable, efficient and convenient in its use, readily set up, and comparatively inexpensive to manufacture.

With the foregoing and other objects in view the invention consists of the novel construction, combination and arrangement of parts, as hereinafter more fully described and illustrated in the accompanying drawings, wherein is shown an embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which come within the scope of the claims hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views:—

Figure 1, is an elevation, broken away, of a cabinet in accordance with this invention.

Figure 2, is a sectional end elevation,

Figure 3, is a perspective view of one of the filing elements,

Figure 4, is a cross sectional view of a filing element,

Figure 5, is a detail illustrating the latch.

Referring to the drawings in detail the cabinet comprises a body portion formed of a bottom 1, a front wall 2, a rear wall 3, a pair of side walls 4 and a hinged cover 5. A keeper 6, is provided, for maintaining the cover 5 closed. The cover 5, is hinged to the rear wall 3, as at 7.

Secured to the inner face of the front wall 2, as well as to the inner face of the rear wall 3, is a V-shaped member 8, which constitutes a support and a bearing for a shaft 9. The members 8 are arranged in alinement with each other so that the shaft 9 will be properly supported.

The shaft 9, revolves in its bearings and has fixed therewith, so as to revolve with the movement thereof, a carrier consisting of a pair of opposed spaced disks 10 and 11, which are connected together by a series of hanger rods 12, which not only constitute hangers for the filing elements to be presently referred to, but also act as bracing and spacing means for the disks 10, 11. Collars are provided on the shaft 9 for the purpose of maintaining the disks 10, 11, spaced from the members 8.

The disk 10, is formed with a circular row of openings 13, the number of such openings 13 corresponding to the number of hanger rods 12, and the said openings 13, are adapted to aline with a spring controlled latching device for the purpose of receiving the same to retain the carrier from movement until the device is released from the disk 10. The latching device consists of a shank 14, having a reduced inner end 15, which extends into an opening 13. The shank 14, has its outer end formed with a head 16 and a boss 17. The shank 14 extends through an opening 18 formed in the front wall 2 and the boss 17 engages the outer face of the front wall 2, to arrest inward movement of the shank 14. Secured, as at 19, to the inner face of the front wall 2, is a spring 20, which overlaps the shank 14, as well as extends into a groove 21, formed in the shank 14. The function of the spring 20 is to maintain the latching device in engagement with the disk 10.

The revolvable carrier is adapted to support and shift a plurality of filing elements and each of these latter consists of a body portion 21′, formed from a book like member including a pair of covers, a back and a series of leaves in the form of pockets for the reception of the record disks, similar or substantially so to the ordinary phonographic record disk file now in general use. A pair of resilient re-inforcing members 22, of metallic material, is employed for the purpose of not only protecting the covers of the body portion 21′, but also for maintain-

ing the covers closed. Each of the re-inforcing members 22, is rounded at its rear, as at 23 to partly extend over and protect the back of the body portion, and each of said members 22 has its forward portion inset, as at 24, which engages a cover and sets up a holding characteristic for the member so that it will bear against a cover to maintain it closed. Each of said members 22, at the rear thereof, is formed with a pair of depending apertured ears 25, the ears 25 of one member 22, overlapping the ears of the other member 22.

Each of the hanger rods 12, extends through the rear of the body portion of a filing element, at a point between the back of said body portion and the inner ends of the pocket forming leaves, and further projects through the overlapping apertured ears 25, forming a pivot for the members 22, when the filing element is opened.

The filing elements are so set up relative to the hanger rods and to the carrier that when the carrier is shifted a filing element can be brought to a position so that it will be supported tangentially to the carrier upon a lower filing element, whereby that element which is supported in a position tangentially to the carrier, will be in convenient access to the operator, so that the filing element can be opened and a disk conveniently removed or replaced as the case may be.

What I claim is:

1. A cabinet for the purpose set forth comprising a revolvable carrier, a latching device therefor, and a plurality of book-like filing elements for phonographic record disks suspended from the carrier and each arranged to support the other in a position tangential to the carrier when the latter is shifted to position a filing element at the top thereof, each of said filing elements comprising a pair of covers enclosing a plurality of leaves provided with pockets and further having as a part thereof a pair of exteriorally arranged re-inforcing and protecting members extending from the back towards the front of the element on the covers thereof.

2. A cabinet for the purpose set forth comprising a revolvable carrier, and a plurality of book-like filing elements suspended from the carrier and each comprising a plurality of pocket forming members and a pair of covers therefor, each of said elements further including a pair of re-inforcing and protecting members extending from the back towards the front of the element on each side thereof, said re-inforcing members overlapping each other at the rear and having their forward portions inset.

In testimony whereof I affix my signature.

LE ROY P. CLUTTER.