June 17, 1930. H. S. SCOTT 1,764,754

CASE FOR PHONOGRAPH RECORDS

Filed Aug. 15, 1927

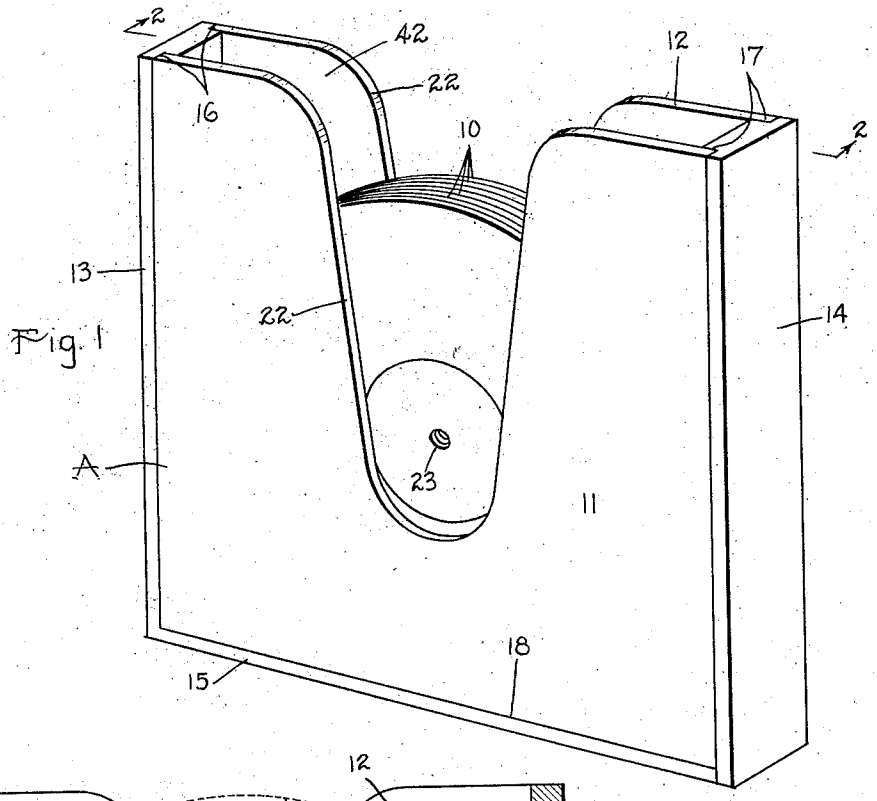


Fig. 1

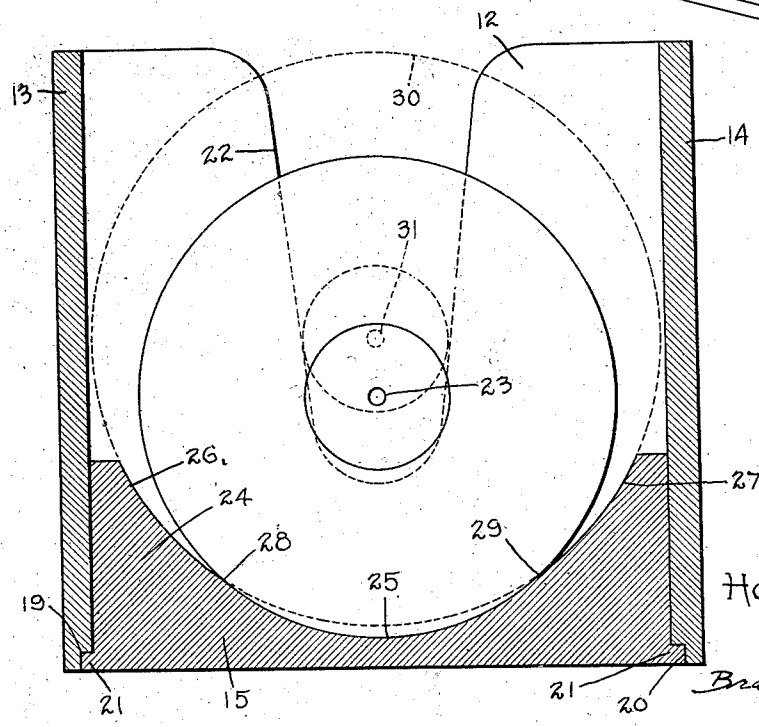


Fig. 2.

Inventor

Holland S. Scott

Bradbury & Caswell

Attorneys

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HOLLAND S. SCOTT, OF ST. PAUL, MINNESOTA

CASE FOR PHONOGRAPH RECORDS

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My invention relates to cases for phonograph records and has for its object to provide a case for holding different sizes of records whereby records of any of the same sizes may be centered so as to allow the simultaneous removal of the records from the case by the insertion of a spindle through the centering holes of all of said records jointly.

Another object of the invention resides in constructing the case so as to bring the centering holes of different sizes of records out of register.

In carrying out the objects of my invention I construct the case open at one end for the endwise reception of records and arrange at the bottom of the case a rest on which records of all sizes are supported, said rest being formed with a plurality of supporting surfaces adapted to support a plurality of different sizes of records, said surfaces having two points contacting with all sizes of records and having portions inclining towards said pointer for directing the records towards the same.

With the foregoing and other objects in view, which will appear in the following description, the invention resides in the novel combination and arrangement of parts and in the details of construction hereinafter described and claimed.

In the drawings illustrating my invention in one form:

Fig. 1 is a perspective view of one embodiment of my improved phonograph record case showing the same used for holding a number of smaller sized records.

Fig. 2 is a vertical sectional view taken on line 2—2 of Fig. 1 illustrating the formation of the rest in the lower portion of the case.

In the use of phonograph records on phonographs adapted automatically to play a number of records sucessively, considerable inconvenience is encountered in threading the records upon the supporting spindle by which the records are applied to the phonograph. My invention provides a simple and effective case wherein the records are self-centered, thus permitting a spindle to be readily passed through the centering holes of all of the records to be played. My invention further prevents the concurrent application of records of different size to the spindle whereby there can be no interruption in the playing of a group of records by the automatic stopping of the machine by reason of the presence in the group of a record not conforming in size to that for which the phonograph is set to accommodate.

The invention proper consists of a case A which serves as a rack for supporting a number of phonograph records which I have indicated at 10 in the drawings. The case A comprises side walls 11 and 12 connected to end walls 13 and 14 and provided with a bottom 15. The end walls 13 and 14 are rabbeted at 16 and 17 to receive the side walls 11 and 12 so as to make the case flush upon the exterior thereof and to form a shoulder in which the side walls may be lodged and to which the same may be readily glued or otherwise attached. The bottom 15 is constructed in a similar manner with a rabbet 18 to receive the side walls 11 and 12 while the rabbets 16 and 17 of the end walls 13 and 14 are carried around the lower ends thereof as indicated at 19 and 20 to receive a ledge 21 formed on the extreme ends of the bottom 15.

The case A is left open at the upper end 42 and is constructed of such dimensions as to permit of inserting the records edgewise through said opening and into the interior of the case proper, said records resting upon the bottom 15 with their edges in contact therewith. Case A normally rests upon the bottom 15 and when so disposed the records are held in contact therewith by gravity. In each of the sides 11 and 12 of said case is formed a wide slot 22 which extends centrally of the end walls 13 and 14 of said case and extends well below the centering holes 23 of the smaller sized records 10.

The bottom 15 of the case A provides a rest 24 on which all of the records placed within the case are supported. This rest is provided with three arcuate surfaces 25, 26 and 27, all of which incline downwardly

toward the center of the device. The surface 25 conforms in curvature to the circumference of the smaller sized record, such as indicated at 10 and due to its inclination, causes all records of the smaller size to become centered so as to bring the centering holes 23 of all of such records into register. The surfaces 26 and 27 are arcs of a circle conforming in curvature with the circumference of a larger sized record. These two surfaces intersect the surface 25 along lines 28 and 29 best shown in Fig. 1, which lines are spaced from one another and which contact with both sets of records placed within the case. When a larger sized record is disposed within the case, the same takes the position illustrated in dotted lines at 30 in Fig. 2, resting upon the surfaces 26 and 27. Due to the inclination of these surfaces all records of the same size as that illustrated at 30 become centered so as to bring the centering holes 31 thereof into registration. It will be noted that the surfaces 25, 26 and 27 are so arranged that the centering holes 31 and 23 of the two sizes of records for which the device is constructed, do not register.

The usual type of phonograph for automatically playing a number of records successively, requires the application of records of the same size at each setting of the machine. In the event that a record of odd size should accidentally be threaded upon the spindle together with records of the size for which the phonograph is adjusted, the phonograph seases to operate when the odd sized record is reached upon the actuation of safety stop mechanism embodied in the machine. With my invention records only of one size are permitted to be threaded on the spindle. Identical cases are used for records of both sizes, records only of the same size, however, being placed in a given case. If the case is to be used for small records, such records are placed within the open end 42, the same coming to rest upon the surface 25 of rest 24. As before explained, this brings all of the centering holes 23 of said records into register and it also brings said holes into register with the slots 22 in the side walls 11 and 12 of the case. When so disposed the phonograph spindle, not shown in the drawings, may be thrust through all of the centering holes 23 of the records and the said records lifted jointly from the case through the open end 42 thereof. While being so removed, the spindle passes outwardly from the case through the slots 22 without obstruction. In replacing the records, the same procedure is employed, the records being handled by the supporting spindle and jointly lowered into the case through the open end 42 thereof. After the records become seated upon the seat 24 the spindle is removed from the centering holes thereof and the records are in position to be again used whenever desired. It will be noted that the same procedure takes place when the larger size of records is to be played. The spindle, in a similar manner, is inserted through the centering holes 31, which in this instance are of slightly higher elevation than the holes 23, and the records are jointly removed from the case and applied to the phonograph in the usual manner.

The invention is highly advantageous in that a simple and effective device is provided whereby a single form and size of record case may be manufactured which will equally as well accommodate a larger or a smaller size of record and will serve to center records of like size so as to bring the centering holes thereof into register and which at the same time will bring the centering holes of different sizes of records out of register to prevent the misapplication of the same upon the phonograph. The case may be constructed of a size such as to fit into any of the usual phonograph record cabinets. The case may be labeled by placing a suitable label upon either of the end walls 13 or 14 and the same provided with the handle or other device for permitting of the ready removal of the case from the cabinet. The device can be constructed at a nominal cost so that a sufficient number of cases may be available to permit of any suitable classification of records desirable.

Changes in the specific form of my invention, as herein disclosed, may be made within the scope of what is claimed without departing from the spirit of my invention.

Having described my invention, what I claim as new and desire to protect by Letters Patent is:

1. A device for holding phonograph records comprising a rack arranged for the edgewise reception of records, a rest carried by said rack, said rest having two inclined converging intersecting surfaces, adapted to bring the centering holes of the same size records into register and to bring the centering holes of different size records out of register.

2. A device for holding phonograph records comprising a rack arranged for the edgewise reception of records, a rest carried by said rack, said rest having intermediate the ends thereof a surface conforming in curvature with the circumference of a smaller record, and having near its ends a surface conforming in curvature with a larger record, said intermediate surface serving to bring the centering holes of smaller records into register and said outer surface serving to bring the centering holes of larger records into register, said surfaces being arranged so as to bring the holes of the records of different sizes out of register.

3. A case for phonograph records of different sizes, said case being open at one end for the endwise reception of records, supporting means at the other end of said case for centering smaller records and a rest having an inclined surface directed toward said supporting means operating to center larger records and to direct smaller records inserted into said case toward said supporting means.

4. A device for holding phonograph records comprising a rack arranged for the endwise reception of records, a rest carried by said rack, said rest having two inclined intersecting surfaces and means operating in conjunction with said surfaces for supporting said records and serving to bring the centering holes of the same size records into register and to bring the centering holes of different size records out of register.

In testimony whereof I have affixed my signature to this specification.

HOLLAND S. SCOTT.