J. R. HARBECK.

PHONOGRAPH RECORD BOX.

APPLICATION FILED APR. 17, 1905.

915,764.

Patented Mar. 23, 1909.

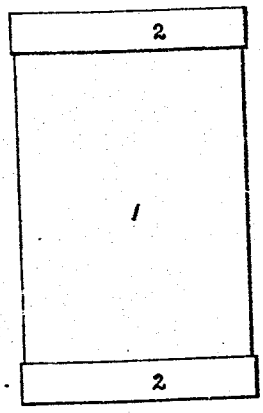


Fig. 1.

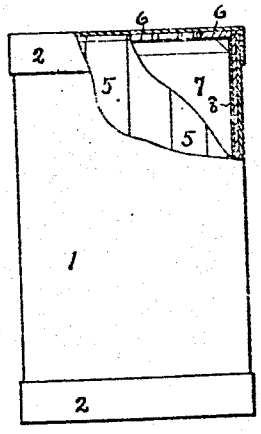


Fig. 2.

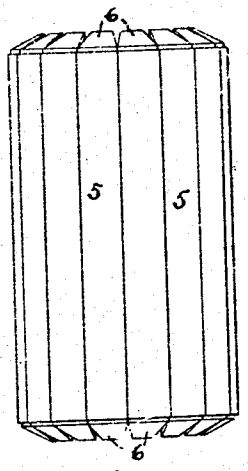


Fig. 3.

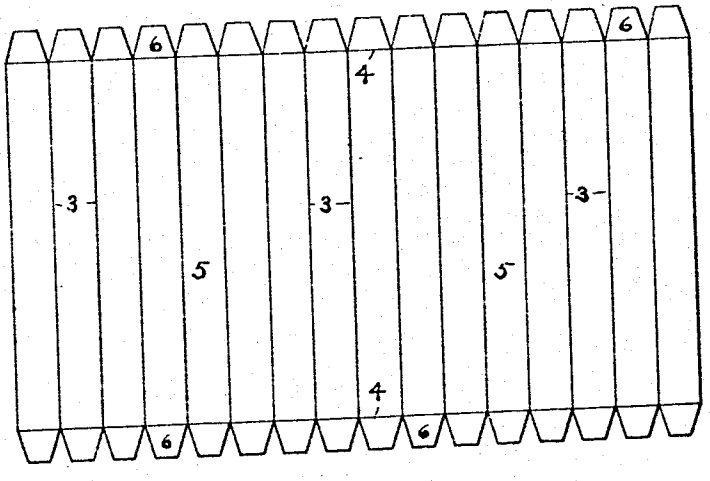


Fig. 4.

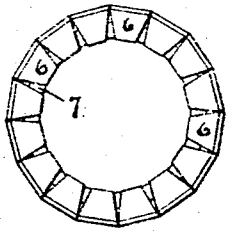


Fig. 5.

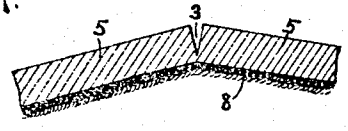


Fig. 6.

Witnesses:

Louis Ott

Peter Abt

Inventor

J. R. Harbeck

By his Attorney

Edward N. Pagelsen.

UNITED STATES PATENT OFFICE.

JERVIS R. HARBECK, OF DETROIT, MICHIGAN, ASSIGNOR TO KEMIWELD CAN COMPANY, OF DETROIT, MICHIGAN, A CORPORATION OF MICHIGAN.

PHONOGRAPH-RECORD BOX.

No. 915,764. Specification of Letters Patent. Patented March 23, 1909

Application filed April 17, 1905. Serial No. 256,152.

To all whom it may concern:

Be it known that I, JERVIS R. HARBECK, a citizen of the United States, and a resident of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Phonograph-Record Box, of which the following is a specification.

My invention relates to boxes or receptacles for storing and shipping cylindrical records for phonographs and other sound reproducing machines and the objects of my improvements are—to provide a box of this type in which a lining is provided that shall prevent the record from moving endwise and sidewise; to provide a box of this type in which the lining shall always be withdrawn with the record and thus avoid the danger of scratching the record when being removed from the box; to provide a removable lining for record boxes that shall be adapted to contact with the cylindrical surface and with the ends of the records; and to provide a box of this type that shall be strong, neat, and that can be easily and cheaply made. I attain these objects by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a view of the outer box. Fig. 2 is a view of the same with a portion broken away to show the lining and record in position. Fig. 3 is a view of the lining when rolled around a record. Fig. 4 is a view of the lining laid flat. Fig. 5 is an end view of the lining rolled around a record. Fig. 6 is an enlarged detail cross section of the record receiving lining to show its construction.

Similar reference characters refer to like parts throughout the several views.

The outer box shown in Figs. 1 and 2 may be of any desired construction and material. That shown comprises the cylindrical body 1, and the slip heads 2. Within this box is a lining, made up of a sheet of paper of sufficient thickness or of other desirable material. To this sheet is cemented a thickness of cloth, 8, such as canton flannel or other soft fabric. The sheet is then stamped out in the form shown in Fig. 4, cutters forming a series of cuts partially through the paper on the lines 3—3 and 4—4. This forms a series of staves 5, connected at their edges by a small portion of the material, and from the ends of the staves project the tongues 6, all lined with cloth. This lining may be easily rolled around the sound record, completely inclosing the same. The soft cloth prevents injury to the delicate waves on the record and the tongues projecting around the edge of the record act as cushions for the same between the record 7 and the box covers. The paper is normally of considerable stiffness so that the tongues will normally project outward as shown in Fig. 3, thus acting as springs between the box heads and the record should the box be a trifle too long. In this manner the record is prevented from moving endwise in the box.

Usually, records are slid into and out of the box, resting on their outerside when being moved. Even with the softest lining, the records become scratched on account of the dust that inevitably accumulates in the fiber. With this construction the record must first be placed into the lining, and then the lining with the inclosed record is slid into the box, thus avoiding all danger of scratching the record.

Having now explained my improvements, what I claim as my invention and desire to secure by Letters Patent, is—

1. In a phonograph record holder, the combination of a box having heads, and a lining composed of a sheet cut to form a series of connected stave-like strips, and inwardly projecting tapering tongues resiliently connected to the ends of the strips and adapted to contact with the heads of the box and thus hold the lining from endwise movement in the box.

2. In a phonograph record holder, the combination of a box having heads, and a lining composed of a sheet cut to form a series of connected stave like strips, and inwardly projecting tapering tongues resiliently connected to the ends of the strips and adapted to contact with the heads of the box and thus hold the lining from endwise movement in the box, and a sheet of fabric cemented to the inner side of the strips and tongues, the longitudinal edges of the lining abutting.

In testimony whereof, I have signed my name in the presence of two subscribing witnesses.

JERVIS R. HARBECK.

Witnesses:

JNO. H. RUSSELL,

EDWARD N. PAGELSEN.