H. G. SAAL.

TURNTABLE FOR PHONOGRAPHS.

APPLICATION FILED JAN. 12, 1920.

1,352,224. Patented Sept. 7, 1920.

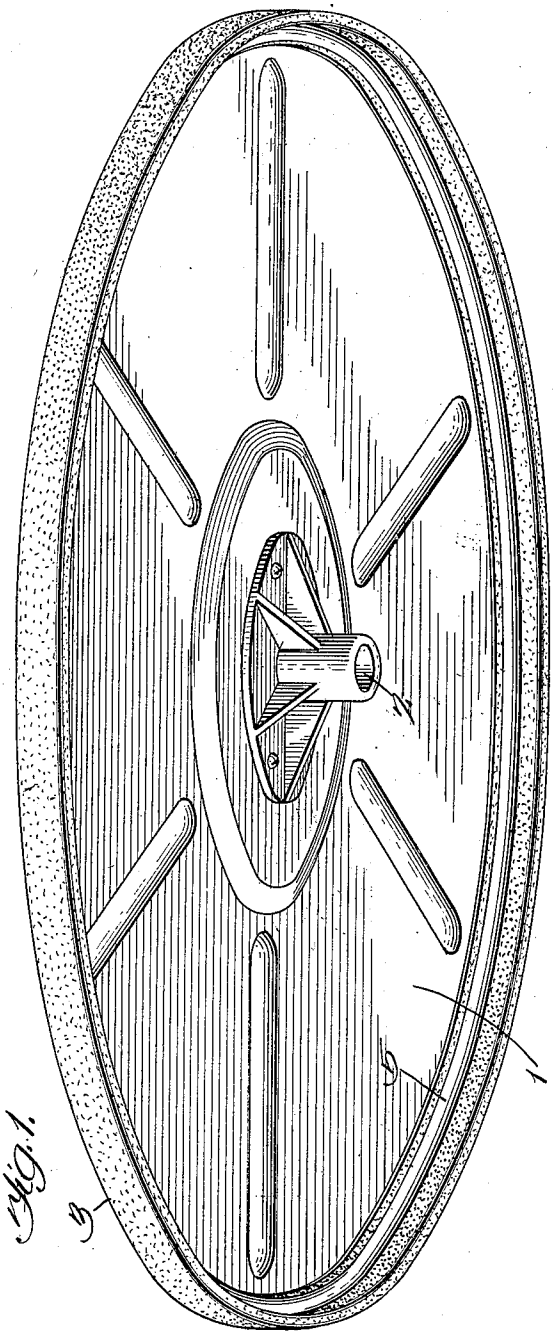


Fig. 1.

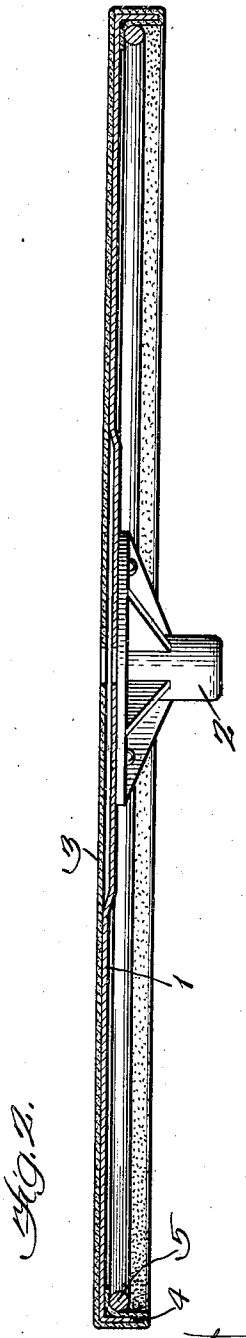


Fig. 2.

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UNITED STATES PATENT OFFICE.

HENRY G. SAAL, OF CHICAGO, ILLINOIS.

TURNTABLE FOR PHONOGRAPHS.

1,352,224. Specification of Letters Patent. Patented Sept. 7, 1920.

Application filed January 12, 1920. Serial No. 350,887.

To all whom it may concern:

Be it known that I, HENRY G. SAAL, citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Turntables for Phonographs, of which the following is a full, clear, concise, and exact description.

My invention relates to turn tables employed for supporting phonograph disk records and has for its object the provision of improved means for covering such turn tables with felt or other material that is employed to hold disk records in fixed relation with the turn tables, the felt or equivalent sheet material having clinging or frictional engagement with the records for this purpose.

Disk record supporting turn tables are usually formed with depending rims and I take advantage of this characteristic of construction in carrying out my invention. I stretch the sheet material over the top face of the turn table and over its depending rim and turn the sheet material upwardly along the inner surface of the rim where the sheet material is engaged by a ring or other clamping device that preferably has very tight engagement with the sheet material forcibly to hold the same against the inner face of the turn table rim to maintain the sheet material taut over the top surface of the table and the outer and inner surfaces of the rim also.

If felt is employed as the sheet material which is to cover the turn table the edge thereof is not apt to fray but if a fabric is employed which is likely to fray the clamping ring will, by its tight engagement therewith, prevent the fraying from proceeding below the engaging zone of the ring.

I will explain my invention more fully by reference to the accompanying drawing in which Figure 1 is a perspective view illustrating a turn table of my invention; and Fig. 2 is a sectional view taken along a diametrical line.

Like parts are indicated by similar characters of reference in both figures.

The turn table 1 is generally formed of metal and has an applied hub portion 2 for receiving a turn table rotating shaft operated by some suitable motor, such shaft projecting through the turn table so as to be receivable within a hole in a record to center the record with respect to the turn table. A layer of felt or other sheet material 3 that is adapted to have clinging or frictional engagement with a record is stretched over the top of the turn table, downwardly along the outer surface of the depending rim or skirt 4 of the turn table, thence upwardly along the inner surface of this rim, preferably clear to the bottom face of the turn table and slightly along the same. Thus a peripheral corner is formed in the sheet material that lines the inner surface of the turn table rim and the adjacent peripheral portion of the bottom face of the turn table.

A clamping device is engaged with the portions of the sheet material that lines the inner face of the rim, this clamping device being preferably in the form of a ring 5 which fills the aforesaid peripheral corner formed in the sheet material. This ring is preferably of such diameter as to require appreciable force to move it into the zone that it is to occupy so that in this movement any slack or wrinkles which may remain in the turn table covering will be effaced. When the ring is finally in place it will have very tight engagement with the covering to prevent the withdrawal thereof from engagement with the ring and the rim portion against which it is pressed by the ring.

When a turn table is covered by the device of my invention the covering is smooth throughout the exterior portions of the turn table and both surfaces of its rim, a result which may be maintained without the employment of adhesive between the turn table and its covering.

If the sheet material employed is likely to fray at its edges such fraying will obviously be checked where the ring has forcible engagement with the sheet material.

The ring is preferably circular in cross section so as to be freely received within the annular corner formed in the covering upon the inner side of the turn table.

Having thus described my invention I claim as new and desire to secure by Letters Patent the following:—

A disk record supporting turn table having a depending rim and provided with sheet material covering the top surface of the turn table and the outer surface of the turn table rim and extended to engage the inner surface of the turn table rim; and a clamping ring of such diameter as to have tight clamping engagement with the sheet material to force it into firm engagement with the inner surface of the turn table rim.

In witness whereof I hereunto subscribe my name this 26th day of December A. D., 1919.

HENRY G. SAAL.