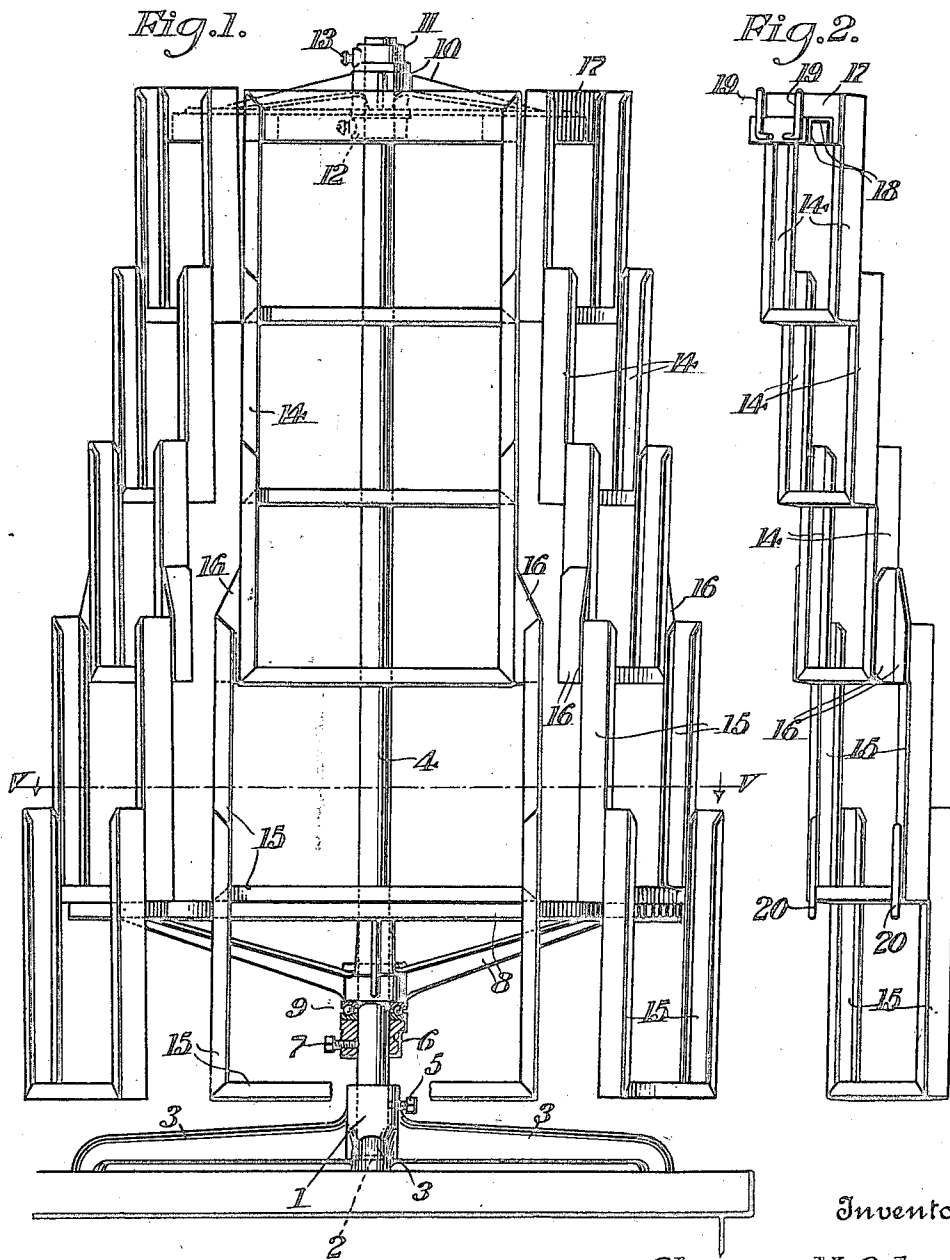


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REVOLVING DISPLAY FIXTURE.
APPLICATION FILED JAN. 28, 1921.

1,432,277.

Patented Oct. 17, 1922.
2 SHEETS—SHEET 1.



Inventor

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2 SHEETS—SHEET 2.

Fig. 3.

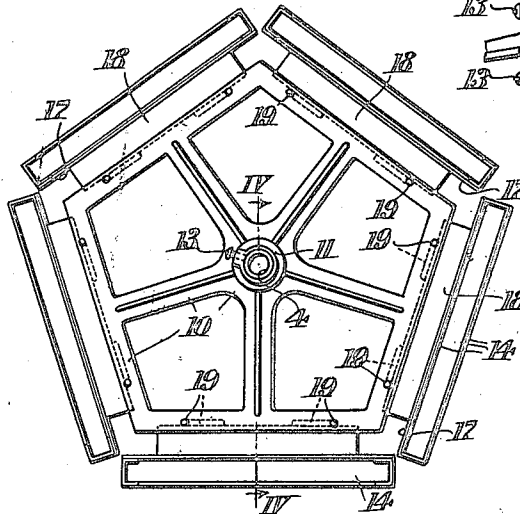


Fig. 4.

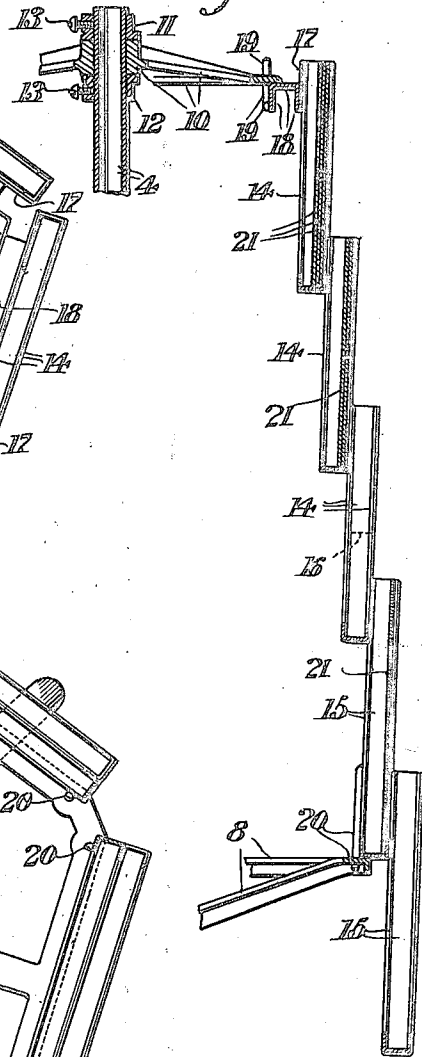
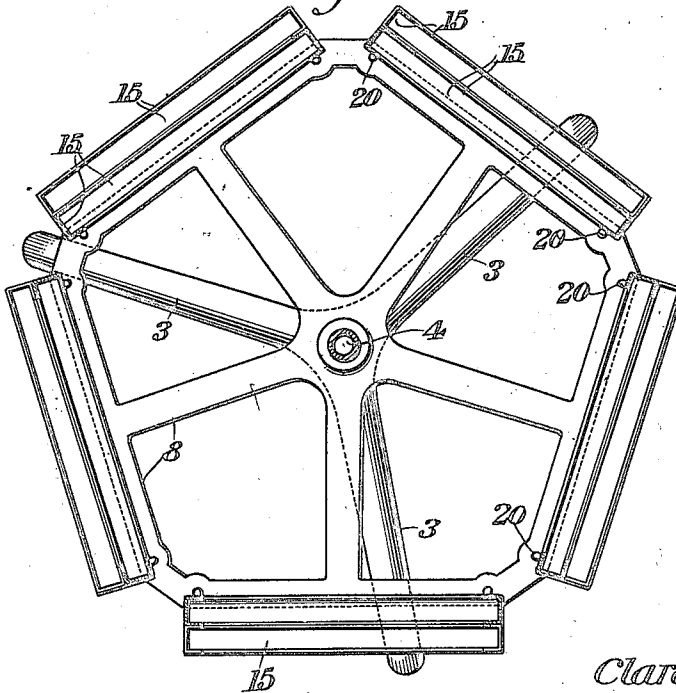


Fig. 5.



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REVOLVING DISPLAY FIXTURE.

Application filed January 28, 1921. Serial No. 440,818.

To all whom it may concern:

Be it known that I, CLARENCE NOEL CAHUSAC, a subject of the King of Great Britain, and resident of Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Revolving Display Fixtures, of which the following is a specification.

This invention relates to improvements in display fixtures especially adapted for use in displaying phonograph records of the disk type. It will be obvious, however, that the fixture may be used for displaying various other articles, such as books and magazines.

This invention has for its principal objects to provide a revolving display fixture of simple and inexpensive construction made up of parts which may be readily assembled and taken apart; to provide a display fixture in which a large number of disk phonograph records of various sizes may be effectively displayed, and in which the records in any pocket may be readily removed without disturbing the records in adjacent pockets; and to provide a display fixture having a multiplicity of record-holding pockets so constructed and arranged that a record may be inserted in or removed from any pocket without liability of injury to the grooved reproducing section of the record from contact with parts of the fixture.

Fig. 1 is a side elevation of the fixture;

Fig. 2 a perspective view of one of the detachable rows of record-holding pockets;

Fig. 3 a plan view of the fixture, all of the parts below the uppermost pockets being omitted in order to more clearly show the construction of the upper revolving head of the fixture and the means for connecting the uppermost pockets with said head;

Fig. 4 a fragmentary vertical sectional view taken on the line IV—IV of Fig. 3; and

Fig. 5 a horizontal sectional view taken on the line V—V of Fig. 1.

The base of the fixture comprises a central portion 1 provided with a standard-receiving socket 2 and having three substantially horizontally extending supporting legs 3 radiating therefrom. The lower end of a vertically extending tubular standard 4 is seated in the socket 2 in the central portion 1 of the base and is detachably and non-rotatably held in said socket by a locking screw 5. A collar 6 is non-rotatably and detach-

ably held to the standard 4 just above the base by means of a locking-screw 7. A revolving head or spider 8 is loosely mounted on the standard 4 and is supported by a suitable antifriction bearing 9 interposed between the hub of the spider and the collar 6. The upper revolving head or spider 10 is detachably and rotatably supported adjacent the upper end of the standard 4 between two collars 11 and 12 which are detachably locked to the standard by screws 13. The upper revolving head 10 is smaller than the lower revolving head 8 and both heads are of pentagonal form. It will be obvious, however, that heads of various other forms may be employed.

Five vertical rows of U-shaped sheet metal pockets are supported by the revolving spiders, and each row of pockets is detachably connected to the heads and removable as a unit therefrom. Each article-holding pocket is formed of a single piece of sheet metal of channel form in cross section folded to form a U-shaped open-faced pocket having two vertical sides provided with inwardly extending article-retaining flanges and a transverse bottom portion having upwardly extending article-retaining flanges, the upper side of the pocket being unobstructed to permit withdrawal of articles upwardly from the pocket. The pockets in each row are arranged in stepped and overlapped relation, the upper ends of the side members of each pocket extending above and entirely outside or in front of the bottom or transverse member of the next higher pocket. To provide a maximum number of pockets in a fixture of given height and diameter, and also to provide means for displaying in a single fixture disk records of different diameter, such as the standard 10" and 12" disk records, a plurality of the uppermost pockets of each row are made of less width than the lower pockets in the row.

The upper ends of the side members of each of the smaller pockets 14 partly overlap the side members of the next higher pocket, and the inner flanges of the side members of the lower pocket are welded to the outer flanges of the side members of the pocket next above. The larger pockets 15 of each row are welded together in the same manner and in the same overlapped and stepped relation as the pockets 14, and the

upper ends of the side members of the highest pocket 15 extend above and outside of the plane of front faces of the lower ends of the side members of the lowest pocket 14 of the row, and these two adjacent pockets of different sizes are rigidly connected together by a pair of sheet metal angle plates 16. One web of each angle plate 16 is welded to the adjacent side face of the pocket 14 and the other web thereof is welded to the inner or rear flange of the adjacent side member of the pocket 15.

A transversely extending sheet metal stiffening plate 17 is welded at its ends to the rear sides of the inner flanges of the vertical members of the upper-most pocket 14 of each row so as to rigidly connect the upper ends of the side members of this pocket together and prevent spreading thereof. A sheet metal channel bar 18 is welded to the rear side of the plate 17, and the lower ends of a pair of upstanding pins 19 are welded to the rear side of the channel spacing bar 18. The upper ends of a pair of downwardly extending pins 20 are welded to the inner flanges formed on the side members of the uppermost wide pocket 15 of each row, and the bottom member of this pocket is adapted to rest upon the upper side of the lower head 8 when the pins 20 are passed downwardly through apertures formed in the rim of the spider-like head, as shown more clearly in Figs. 4 and 5. The pins 19 carried by the uppermost pocket 14 are adapted to pass through apertures formed in the rim of the upper head 10 when said head is lowered upon its supporting collar 12. The several rows of pockets are thus rigidly but detachably held to the heads in fixed relation to each other. The spacing member 18 carried by the uppermost pocket 14 engages under the rim of the upper head 10, while, as above described, the bottom member of the uppermost pocket 15 rests upon the upper side of the rim of the lower head 8. This arrangement takes most of the strain of supporting the row of pockets off the retaining pins 19 and 20.

The separable connections between each row of pockets and the heads 8 and 10 are preferably so disposed that each pocket of the row will incline slightly downwardly and inwardly, as shown more clearly in Fig. 4, thus facilitating the insertion and withdrawal of records. It will be observed that the lowermost pocket 15 depends below the lower head 8 into close proximity with the supporting legs or feet 3. By constructing each row of pockets as above described, and connecting the same to the heads in the manner set forth, it is possible to employ a larger number of pockets in each row than would otherwise be possible in a fixture of given height and diameter.

It will be obvious that by removing the

upper collar 11 from the standard 4, the head 10 may be slipped endwisely off the standard, and that the several rows of pockets may then be readily detached from the lower head 8. The standard 4 may be disconnected from the base by loosening the locking-screw 5, and the lower head 8 may be slipped off the standard by removing the collar 6 and the antifriction bearing 9 endwisely from the standard. Each pocket is preferably adapted to hold a plurality of disk records 21, as shown in Fig. 4.

What I claim is:

1. In a display fixture, the combination of a base, a vertical standard detachably and non-rotatably secured at its lower end to the base, a collar detachably and non-rotatably held to the standard above the base, a rotatable head loosely mounted on the standard above said collar, an antifriction bearing interposed between said head and said collar, a collar secured to the standard adjacent its upper end, a second rotatable head loosely mounted on the standard and supported by the last mentioned collar, and a plurality of vertical rows of U-shaped sheet metal pockets detachably held to said heads, the sides and bottoms of said pockets being of channel form in cross-section, the upper ends of the side members of each pocket in each vertical row extending above and entirely outside of the lower end of the next higher pocket and being rigidly connected with the side members of the next higher pocket in the row.

2. A display fixture comprising a plurality of rows of U-shaped pockets, the walls of which are of channel form in cross-section, the upper ends of the side walls of each pocket in a row extending above and entirely outside of the lower end of the next higher pocket and being rigidly secured to the side walls of said higher pocket, and means for supporting the rows of pockets side by side around a common center.

3. In a display fixture, the combination of revolvable supporting means, and a plurality of vertical rows of U-shaped pockets, the walls of which are of channel form in cross-section, said rows of pockets being arranged side by side around said supporting means and connected therewith, the mouths of all of the pockets facing upwardly and the upper end of each pocket in a row extending above and in front of the lower end of the next higher pocket and being rigidly secured to said higher pocket.

4. In a display fixture, the combination of supporting means, and a plurality of vertical rows of U-shaped pockets, the walls of each of which pockets are of channel form in cross-section, said rows of pockets being arranged side by side around said supporting means with the mouths of all of the pockets facing upwardly, the upper ends of the side walls of each pocket in a row extending above

and entirely outside of the lower end of the next higher pocket and being rigidly secured to said higher pocket, a plurality of the uppermost pockets in each row being of less width than the remaining pockets in the row.

5 5. A display fixture comprising a base, a vertical standard held to the base, a pair of vertically spaced heads rotatably mounted on said standard, and a plurality of vertical
10 rows of U-shaped article-holding pockets detachably held to said heads, each of said pockets being formed from a single sheet metal member of channel form, and said
15 pockets being arranged with the mouths of all of the pockets in each row facing upwardly, the upper ends of the side members of each pocket in a row extending above and forwardly of the lower end of the next higher
20 pocket in the row and being permanently secured to said next higher pocket.

6. In a display fixture, the combination of a base, a vertical standard held to the base, a pair of vertically spaced heads rotatably held to the standard, a plurality of vertical
25 rows of U-shaped pockets arranged side by

side around the heads, the pockets in each row being arranged in stepped and overlapped relation and having walls of channel form in cross-section, a pair of pins connected with the uppermost pocket of each row
30 engaging in apertures in the upper one of said heads, and a pair of pins connected with an intermediate pocket in the row and extending downwardly through apertures in the lower one of said heads.

7. An assembly unit for display fixtures, comprising a vertical row of U-shaped metal pockets having walls of channel form in cross-section, said pockets being arranged
35 with the mouths of all of the pockets facing upwardly and with the upper ends of the side walls of each pocket overlapping the lower end of the next higher pocket and rigidly secured thereto, and attaching devices
40 held to two of said pockets for detachably connecting the row of pockets with a support.

In testimony whereof I hereunto affix my signature.

CLARENCE N. CAHUSAC