

W. C. HUSS.
ILLUSTRATIVE PHONOGRAPH.
APPLICATION FILED MAY 4, 1918.

1,307,550.

Patented June 24, 1919.

Fig. 1.

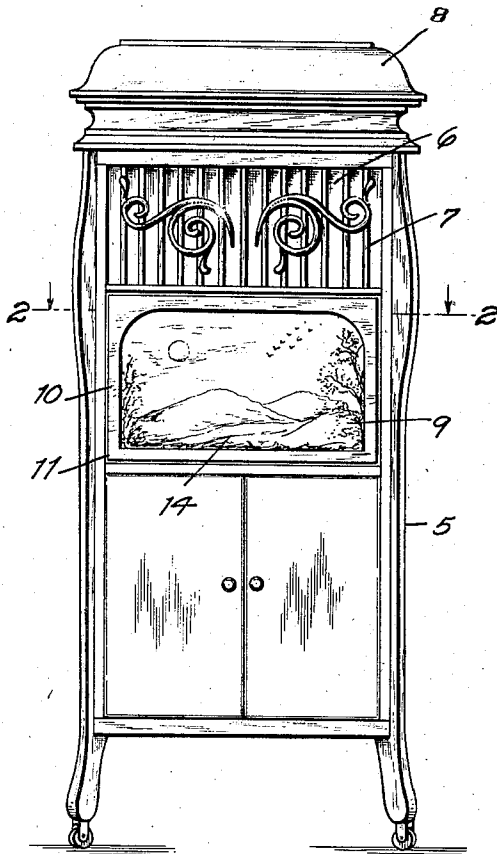


Fig. 2.

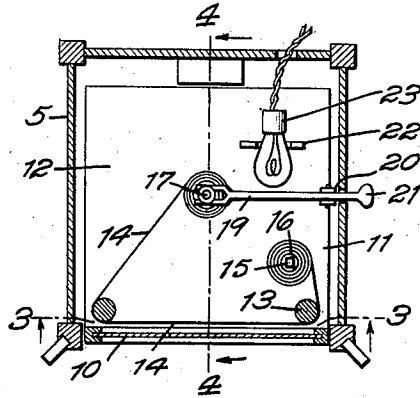


Fig. 3.

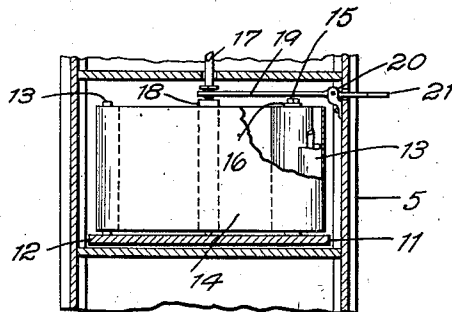
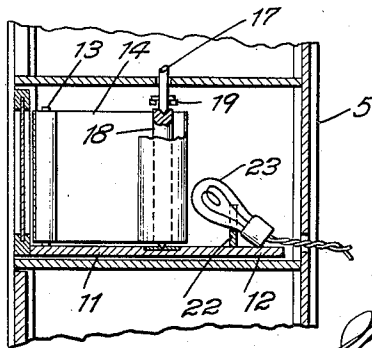


Fig. 4.



Witnesses:

J. E. Arthur

W. Thornton Cogert

Inventor

William C. Huss

By Walter H. Murray
Attorney

UNITED STATES PATENT OFFICE.

WILLIAM C. HUSS, OF CINCINNATI, OHIO.

ILLUSTRATIVE PHONOGRAPH.

1,307,550.

Specification of Letters Patent. Patented June 24, 1919.

Application filed May 4, 1918. Serial No. 232,664.

To all whom it may concern:

Be it known that I, WILLIAM C. HUSS, a citizen of the United States of America, and resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Illustrative Phonographs, of which the following is a specification.

An object of my invention is to produce a phonograph in which the subject of the record to be played may be illustrated in panoramic picture form and in which the scenes or other pictures so displayed occur synchronously with the parts of the record corresponding thereto.

This and other objects are attained in the device described in the following specification and illustrated in the accompanying drawing, in which;

Figure 1 is a front elevation of an illustrative phonograph embodying my invention.

Fig. 2 is a transverse sectional view taken on the line 2—2 of Fig. 1.

Fig. 3 is a fragmental sectional elevation taken on the line 3—3 of Fig. 2.

Fig. 4 is a fragmental sectional elevation taken on the line 4—4 of Fig. 2.

My improved construction consists of a cabinet 5 having the usual sound amplifying chamber 6 closed by a grille 7, adjacent to which is a phonograph mechanism which is accessible for manipulation by raising a lid 8 which closes the cabinet. Beneath the grille is an opening 9 designed as a sight opening for pictures to be displayed there-through. In the drawing I have shown this opening as being formed in a front board 10 which forms a part of a skeleton drawer 11, the bottom 12 of which slides within the cabinet in the position shown. The bottom is provided with a series of rollers 13 upon which a picture bearing sheet or strip 14 is adapted to travel. The rollers are located at each side of the opening 9 in front board 10, so that the picture on the strip will be presented to the opening for viewing it therethrough. Back of rollers 13 I have provided a standard 15 upon which a spool 16 containing the rolled up picture to be displayed, is removably mounted. Adjacent to this standard and in position to be engaged by the end of the phonograph turn table shaft 17, I have provided a spool 18

upon which the picture is wound after it has passed from the spool 16 and across opening 9. The upper end of spool 18 is provided preferably with a cone shaped aperture in which the cone shaped end of shaft 17 engages, so that the spool may be rotated upon the rotation of shaft 17, thus causing the pictures upon the strip to be displayed simultaneously with the playing of the record on the phonograph turn table, the pictures on the strip being so arranged that the subjects thereon correspond with the subject of the record and are displayed in synchronism therewith. Above the spools and operatively connected with shaft 17 in such a manner that the shaft will be raised upon its operation, is a lever 19 pivotally mounted on a bracket 20 extending from the inside of the cabinet, a handle 21 being connected with the lever for lifting the shaft at the time the skeleton drawer is removed for the purpose of changing the picture to be displayed. In order that the picture may be properly illuminated, I have provided a bracket 22 at the rear of bottom 12 of the drawer, so that a light 23 may be mounted thereon. The end of spool 16 may be squared for the reception of a crank to facilitate the rewinding of the picture after it has been displayed.

Although I have shown and described my invention as having a drawer adapted to be withdrawn through the front of the cabinet, it is obvious that other arrangements may be made to render the spools of the picture bearing strip accessible, that other than the suggested means for rewinding the strip may be provided, that any suitable illuminating means may be provided, and that the picture bearing strip may be detachably connected with the phonograph mechanism for operation therewith in any suitable manner to obtain the desired synchronism of operation.

Having thus described my invention, what I claim is;

An illustrative phonograph consisting of a cabinet having a sound opening therein, a sight opening therein adjacent to the sound opening, a phonograph mechanism mounted in the cabinet in communication with the sound opening, a drawer located in the cabinet and having the interior thereof in communication with the sight opening, a picture

display mechanism located in the drawer, a picture-bearing strip detachably connected with the mechanism and adapted to have the pictures thereon displayed successively
5 through the sight opening upon operation of the mechanism, and means adapted to connect and disconnect the mechanisms.

In testimony whereof, I have hereunto subscribed my name this 30th day of April, 1918.

WILLIAM C. HUSS.

Witnesses:

W. THORNTON BOGERT,
WALTER F. MURRAY.