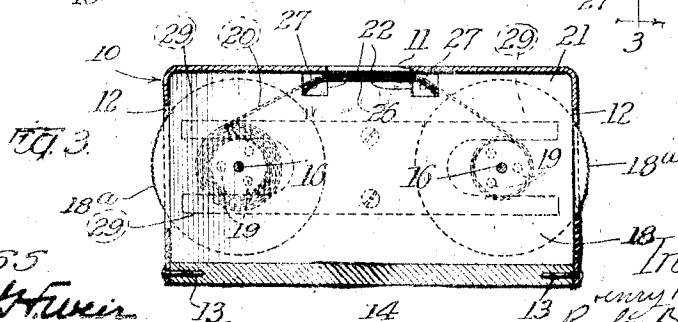
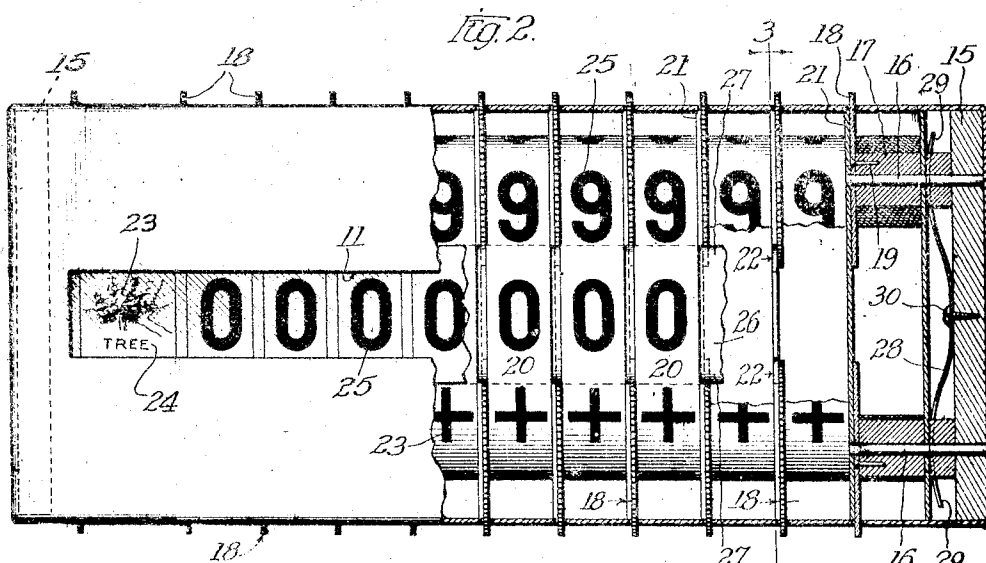
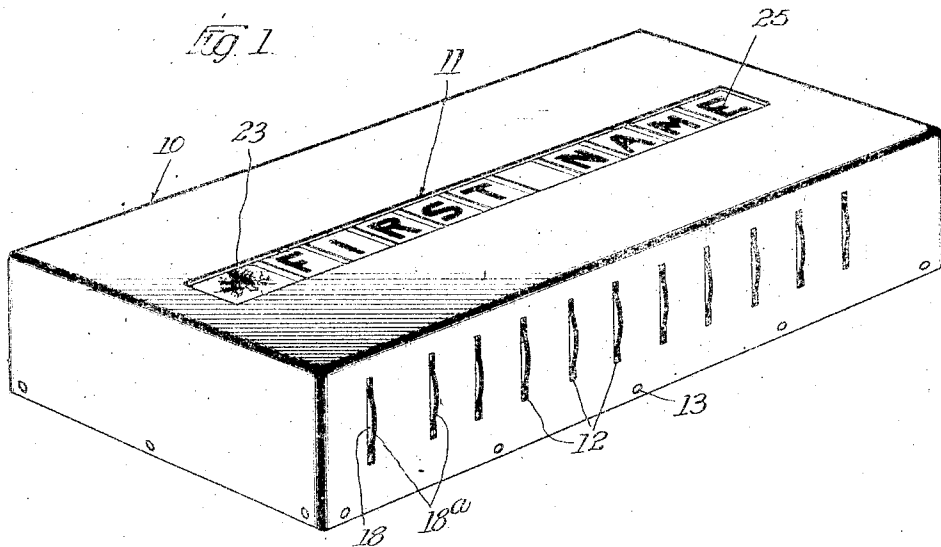


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CHANGEABLE EXHIBITOR.
APPLICATION FILED MAR. 20, 1915.

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CHANGEABLE EXHIBITOR.

1,246,860.

Specification of Letters Patent.

Patented Nov. 20, 1917.

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To all whom it may concern:

Be it known that we, HENRY BRACHTL and REUBEN B. BENJAMIN, both citizens of the United States, residing at Chicago, in the county of Cook and State of Illinois, have jointly invented new and useful Improvements in Changeable Exhibitors, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

Our invention relates to changeable exhibitors, and more specifically to changeable exhibitors of the type comprising a plurality of reels and webs.

Among the objects of our invention is to provide a device of this character which will be simple of construction and easy to operate.

Further objects will appear from the detailed description to follow taken in connection with the appended claims.

In the accompanying drawings, in which we have illustrated one embodiment of our invention—

Figure 1 is a perspective view of our device showing the opening through which the webs are displayed, and showing also the slots in the side of the casing through which the thumb wheels which are used to actuate the reels extend;

Fig. 2 is a plan view of our device, parts being broken away to show the partitions placed between the pairs of reels, to show the construction of the reels and to show the spring which exerts pressure on the reels to prevent the web from being unwound too rapidly; and

Fig. 3 is a section on the line 3—3 of Fig. 2 showing the guide over which the web passes and the manner in which it is supported by the partitions between the reels.

Referring now to the drawings in detail our improved device comprises a casing 10 which may be of any suitable material, as card-board, having an opening 11 in its top through which the webs are displayed and having slots 12 on two of its opposite sides through which the thumb wheels for actuating the reels extend in position to be engaged by the hand of the operator. The bottom of the casing is closed by means of a strip 13 which may be of wood and which is secured to the rest of the casing in any

suitable manner as by screws or tacks 14. Blocks 15 are secured to the ends of the casing in which are supported a pair of shafts 16 which extend substantially the full length of the casing and on which are rotatably mounted the reels or spools 17 to which the ends of the webs are secured. Thumb wheels 18, which may be of cardboard, and are provided with knurled edges 18^a, are secured to the reels 17 in any suitable manner, as by tacks 19, the edges of these thumb wheels 18 extending through the slots 12 in the casing. The webs 20 are secured to the reels 17 so that they can be wound from one to the other. Partitions 21 are provided between each pair of reels to prevent the webs from running off of the reels. These partitions are provided with recesses 22 in their upper edges to assist in holding in place the guide or table over which the webs run. These webs are exact duplicates with the exception of the one shown at the extreme left in Fig. 2. This web is provided with a series of word suggesting means such as pictures 23 and each picture may also be provided with a title, as indicated at 24 in Figs. 1 and 2. The other webs are, as indicated at 25 in Figs. 1 and 2, each provided with all of the letters of the alphabet, all of the numerals and the numerical signs. A guide or table 26, which may be of sheet metal, extends substantially the full length of the casing 10 and is provided with curved down-turned edges 27 which enter the recesses 22 in the upper edge of the partitions 21 to hold the guide in place. A spring 28 is provided at the end of the casing 10 for exerting endwise pressure on the reels to prevent the webs from being unwound too rapidly therefrom. The free ends of this spring are bifurcated, as shown at 29 in Fig. 3 so as to straddle the shafts 16 to exert an even pressure on the reels. The spring 28 has its middle portion secured to the blocks 15 by means of screws 30, Figs. 2 and 3.

It will be noted that the spring 28 will cause endwise pressure to be exerted on all of the reels, the pressure being transmitted from one reel to another through the partitions 21 between the reels, which partitions are not rigidly secured to the casing, so that the endwise pressure on the reels will be substantially equalized.

The use and operation of our device is as follows: The left hand one of the webs 20 may be turned until one of the word suggesting means 23 appears through the opening 11. The other webs 20 which are provided with the letters of the alphabet may then be shifted by means of the thumb wheels 18 until the word suggested by the left hand web is made to appear through the opening 11. The spring 28 will prevent the web 20 from becoming loose between the two reels to which it is secured as the web is wound or unwound from one reel to the other.

15 Having thus described our invention what we claim as new and desire to secure by Letters Patent is:—

1. In a device of the character described the combination with two sets of reels, each set comprising a plurality of rotatable, co-axially mounted reels, the reels of one set being arranged in pairs with the reels of the other set, a plurality of webs one for each pair of reels which are reeled from one reel to the other, a partition between each pair of reels, and means for supporting said reels and partition so that pressure in an axial direction on one of said reels will be transmitted to the other reels through said partition.

2. In a device of the character described the combination with two sets of reels, each set comprising a plurality of rotatable, co-

axially mounted reels the reels of one set being arranged in pairs with the reels of the other set, a plurality of webs one for each pair of reels which are reeled from one reel to the other, a partition between each pair of reels, means for supporting said reels and partition so that pressure in an axial direction on one of said reels will be transmitted to the other reels through said partition, and spring means for exerting pressure on said reels.

3. In a device of the character described the combination with two sets of reels, each set comprising a plurality of rotatable; co-axially mounted reels, the reels of one set being arranged in pairs with the reels of the other set, a plurality of webs one for each pair of reels which are reeled from one reel to the other, a partition between each pair of reels, means for supporting said reels and partitions so that pressure in an axial direction on one of said reels will be transmitted to the other reels through said partition, and means for exerting pressure on said reels comprising a bow spring held at its middle portion and having two free ends for exerting pressure on a pair of reels adjacent the axes thereof.

In witness whereof, we have hereunto subscribed our names.

HENRY BRACHTL.
REUBEN B. BENJAMIN.