J. ZIEBA.

TOY SCENERY BOX.

APPLICATION FILED JULY 29, 1920.

1,384,293. Patented July 12, 1921.

Fig.-1.

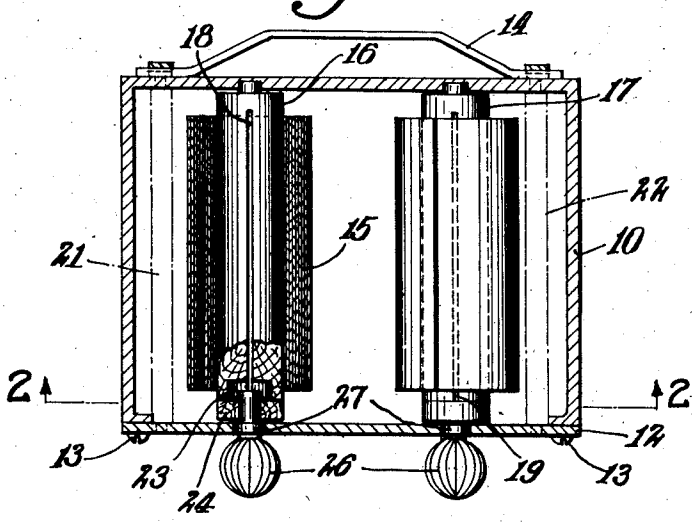


Fig.-2.

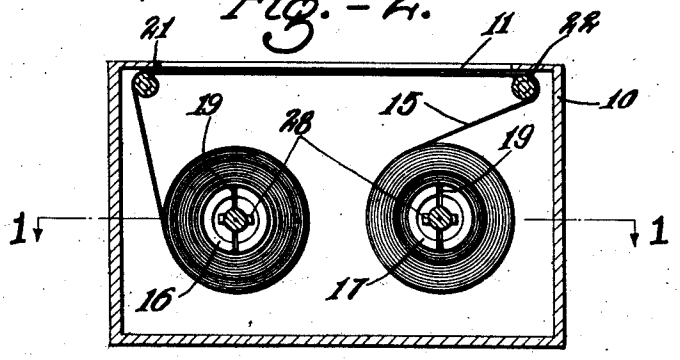


Fig.-5.

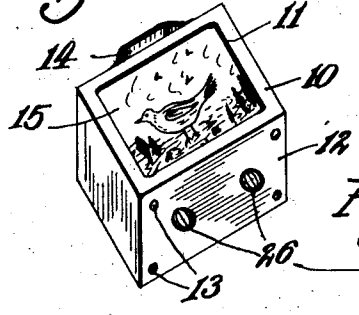


Fig.-4.

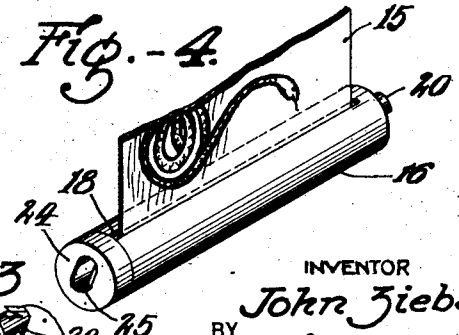


Fig.-3



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TOY SCENERY-BOX.

1,384,293. Specification of Letters Patent. Patented July 12, 1921.

Application filed July 29, 1920. Serial No. 399,811.

To all whom it may concern:

Be it known that I, JOHN ZIEBA, citizen of the United States, residing at Scranton, in the county of Lackawanna and State of Pennsylvania, have invented certain new and useful Improvements in Toy Scenery-Boxes, of which the following is a specification.

This invention relates to toys, and more particularly to picture boxes in which various pictures can be made to appear.

The object of this invention is to provide a cheap and easily manipulated device for moving a sheet of material on which pictures have been printed or otherwise imposed, across an opening for presenting a succession of pictures to the observer.

A further object of this invention is the provision of a picture box in which the picture holding sheet and the means for operating the same are readily removable for repair, replacement and for the changing of the sheet.

A still further object of this invention is the provision of simple means for holding and for operating the rolls.

For the accomplishment of the aforesaid and other objects, I employ the device shown in its preferred form in the accompanying drawing, in which,

Figure 1 is a horizontal section approximately on line 1—1 of Fig. 2.

Fig. 2 is a vertical section on line 2—2 of Fig. 1.

Fig. 3 is a perspective view of the roll holding and turning means.

Fig. 4 is a perspective view of the sheet holding roll.

Fig. 5 is a perspective view of the box as it appears when in use.

In the practical embodiment of my invention, the box 10 has an opening 11 in the upper face thereof, one of the sides as 12 being removably held to the remainder of said box by any suitable means as by screws 13. For grasping the box to carry it from place to place, a handle 14 is suitably attached thereto. The picture sheet 15 is wound around rolls 16 and 17, which have longitudinal slots 18 and 19 respectively therein, the end of said sheet being inserted in said slots 18 and 19, after which said sheet is passed over auxiliary rolls 21 and 22 which are suitably mounted in the sides of the box near the top thereof, the picture side of the sheet being presented just below the opening 11.

For making easy the manipulation of the rolls 16 and 17, and at the same time allowing the ready removal of said rolls from the box, the ends 20 of said rolls are made preferably smaller in diameter than the remainder thereof and are loosely mounted in the box side. The opposite ends of said rolls are hollowed somewhat or recessed as at 23, (Fig. 1) a cap 24 having an elongated opening 25 therein being suitably secured to each of said ends. A knob 26 has a cylindrical portion 27 adapted to rotate in side 12 extending therefrom, a second cylindrical portion of smaller diameter having prongs 28 struck outwardly therefrom. Said prongs are spread apart (Fig. 3) and are adapted for insertion through the opening 25. For mounting the roll for rotation on cylindrical portion 27 of the knob, the prongs 28 are inserted into opening 25, the long axis of said opening being of sufficient length to allow the spread prongs to pass through, and a quarter turn given to knob 26, after which said knob is pulled back to cause the sharp edges of said prongs to engage the inside of the cap 24 to secure said knob and cap together, in a manner that will be readily understood, so that rotation of knob 26 will cause rotation of the roll to which it is attached. By reversing the operation, knob 26 and the parts attached thereto may be readily withdrawn, and access to the inside of the box obtained by removing screws 13, after which the various rolls 16, 17, 21, and 22 may be readily removed, repaired or replaced as desired, or a new sheet 15 attached in place.

When one of the knobs 26 is rotated in the proper direction, the sheet 15 is wound up on the roll to which said knob is attached and unwound from the other of said rolls, auxiliary rolls 21 and 22 serving to tension that part of the sheet between said rolls to present an unwrinkled picture in opening 11.

What I claim is:

1. In a toy of the character described, a roll adapted for having a sheet rolled thereon, said roll having a recess extending inwardly from one end thereof, a cap covering said recess and secured to said roll, said cap having an elongated opening therethrough, and means adapted to be inserted through said opening and engage the inner

face of said cap whereby the said roll may be rotated.

2. In a toy of the character described, a longitudinally slotted roll adapted to have a sheet rolled thereon, said roll being hollowed at one end to present a recess, a cap having a radially elongated opening therein secured to said roll at the hollow end thereof, a knob having an extension adapted for insertion in said recess, said extension having rearwardly projecting prongs adapted to engage the inner face of said cap.

3. In a toy of the character described, a sheet holding roll, and means for manually rotating said roll comprising a knob, a cylindrical portion extending from said knob, a second cylindrical portion smaller in diameter than said first mentional cylindrical portion extending from said first mentioned cylindrical portion, and prongs struck from and extending radially outwardly from said second cylindrical portion.

4. In a toy of the character described, a longitudinally slotted roll adapted to have a sheet rolled thereon and having a recess at one end, a cap for said roll having a radially elongated opening therein, means for rotating said roll comprising a knob, and prongs supported from said knob adapted for insertion through said elongated opening into said recess and for engagement with the inner face of said cap.

In testimony whereof I have affixed my signature.

JOHN ZIEBA.