

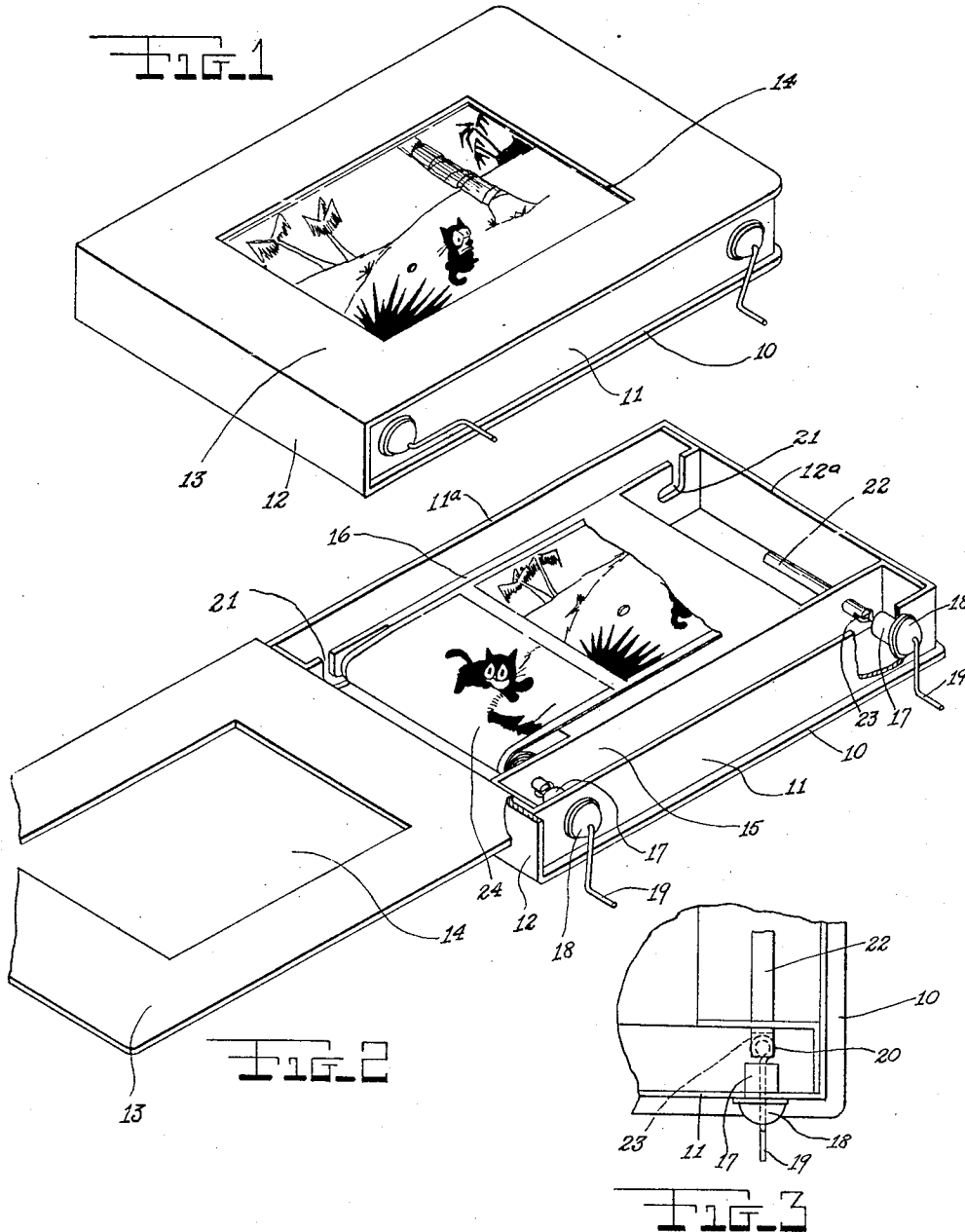
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MOVING PICTURE BOOK

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# UNITED STATES PATENT OFFICE.

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## MOVING-PICTURE BOOK.

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The main object of this invention is the provision of a book-like case having a window behind which a roll containing a series of pictures may be rotated, in order to bring the pictures successively to view.

Another object is to provide such a device with means whereby a picture roll may be readily removed and replaced by another.

The above and other objects will become apparent in the description below, in which characters of reference refer to like-named parts in the drawing.

Referring briefly to the drawing, Fig. 1 is a perspective view of the device ready for use.

Fig. 2 is a perspective view of the device with the cover swung back to expose the interior, part of the structure being broken away to further expose the mechanism.

Fig. 3 is a slightly enlarged plan view of a corner of the case, illustrating in detail the winding shaft control.

Referring in detail to the drawing, the numeral 10 represents the base of the case which has four walls 11, 11<sup>a</sup>, 12, and 12<sup>a</sup>. A cover 13 is hingedly attached by any suitable means, such as cloth or flexible paper, or other means, to the wall 12. This cover has a window 14 cut out of it; this window may be covered with any suitable transparent means if desired.

Inner walls 15 and 16, extending the length of the case, are mounted at a distance from and parallel to the side walls 11 and 11<sup>a</sup>, respectively. Stud 17 are rigidly mounted in the wall 11, passing therethrough, and are provided with rigid bosses 18 on the outside of the wall. A bore passes centrally through each stud and boss, to receive loosely a wire which is bent outside of the wall into a handle 19. The wire extends through the bore in the stud and boss and is looped inside the wall into a ring 20.

The wall 16 is provided with a pair of bayonet slots 21, each slot being directly opposite a stud 17. Aligned with each slot 21 and stud 17 is a hole in the wall 15 through which a shaft 22 passes, and in which said shaft is loosely supported. This shaft is supported in the wall 16 in the lower arm of the bayonet slot 21. The end of the shaft 22 which lies between the walls 11 and

15, is slotted at 23 to receive the ring 20 therein. A paper strip 24, bearing the series of pictures or whatever representation may be desired, has its ends secured to the shafts 22.

From the above description it is apparent that, upon rotation of either handle 19, the strip 24 will be unrolled from one shaft 22 and wound upon the other, thus causing the strip to expose its pictures through the window 14.

A set of strips may be provided for each device, and these strips so provided have shafts 22 already attached to their ends. When it is desired to remove a strip, the ends of the shafts in the bayonet slots are slid out of the slots, whereupon the shafts are drawn away from the wall 11, thus disengaging them from the rings 20. The shafts may then be drawn through the holes in the wall 15 and the strip removed. The reverse is done in inserting a new strip.

It is to be noted that the tension exerted upon the shafts 22 by the strip wound upon them, tends to draw the shafts toward each other into the ends of the horizontal cuts of the bayonet slots 21, thus assuring a constant stable bearing for the shafts. It is because of this tension that the slots 21 are provided with the horizontal cuts pointing toward each other.

It is further to be noted that obvious modifications in form and structure may be made without departing from the spirit and scope of the appended claim.

What is claimed is as follows:

A device of the class described comprising a case, shafts rotatably mounted in said case, a strip bearing pictured representations having its ends attached to said shafts and adapted to be wound or unwound on said shafts, a stud in the wall of the case adjacent the end of each shaft, said studs having bores passing therethrough, a spindle passing through and rotatable in each stud bore, a handle on one end of said spindle, the other end of said spindle being enlarged into a loop, the end of said shaft being slotted, said loop engaging said slotted end of the shaft.

In testimony whereof I affix my signature.

RICHARD A. LOEDERER.