Aug. 19, 1958 I. F. ANDERSON 2,847,783

INTERCHANGEABLE TRIPLE VIEW SIGN

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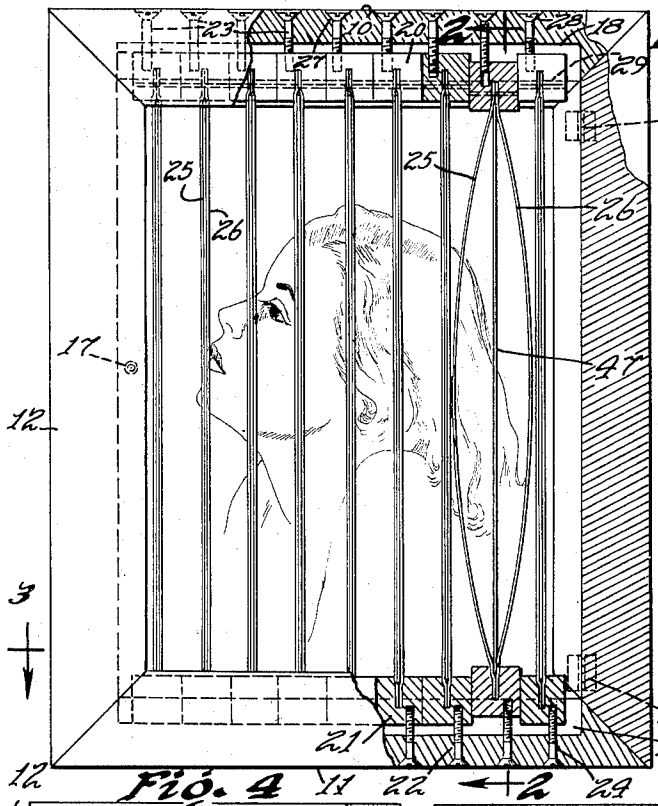

Fig. 1.

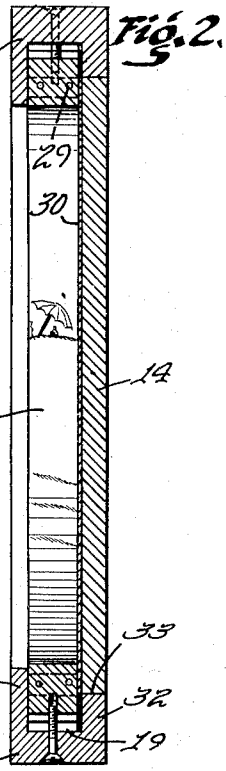

Fig. 2.

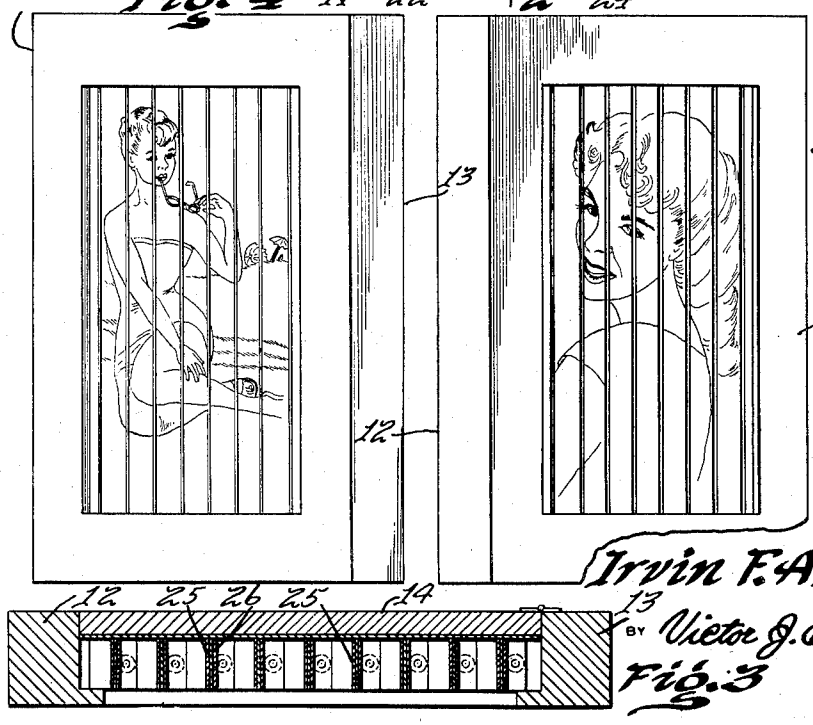

Fig. 4

Fig. 5

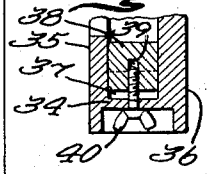

Fig. 6

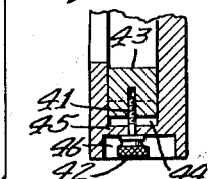

Fig. 7

Fig. 3

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INTERCHANGEABLE TRIPLE VIEW SIGN

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3 Claims. (Cl. 40—137)

This invention relates to pictures of the type wherein a plurality of pictures are provided in a common frame and wherein the picture changes as the frame is viewed from different angles, such as in approaching the frame one picture is observed, in looking into the frame from a point perpendicular to the plane thereof another picture is observed, and in looking back toward the frame after passing still another picture is observed; and in particular, this invention includes a progressive picture having a picture on the face of the back of the frame, and spaced pairs of transparent vertically disposed strips adjustably mounted in the frame, and positioned in front of and perpendicular to the face thereof wherein with divisions of pictures positioned between the transparent strips a different picture is observed from each side of the frame and wherein the strips are adapted to be readily removed and replaced to change the pitcures.

The purpose of this invention is to provide a progressive picture frame wherein different pictures are viewed from different angles in which the pictures are adapted to be changed as desired.

Various types of progressive pictures have been provided, however, such pictures are manufactured and assembled in such a manner that it is substantially impossible to change pictures therein and, consequently, interest in such pictures is maintained only over comparatively short periods of time. For this reason, pictures of this type have very little advertising value.

With this thought in mind, this invention contemplates a picture frame having a back upon the face of which one picture is positioned and having spaced pairs of transparent strips positioned in front of the picture on the face of the back and perpendicular to the back and with the ends secured in slots in independently mounted blocks in slots in upper and lower rails of the frame and in which the blocks are secured with screws whereby loosening the screws relieves tension in the strips making it possible to remove and replace strips of a picture therein and tightening the screws places tension in the strips retaining strips of pictures in extended positions in opposite sides thereof.

The object of this invention is, therefore, to provide a picture frame in which different pictures are displayed from different angles in which the pictures may readily be changed.

Another object of the invention is to provide a progressive or changeable sign in which strips of pictures are retained between strips of transparent material in which tension on the strips of transparent material is adjustable to compensate for changing atmospheric conditions.

A further object of the invention is to provide a picture frame for pictures of the progressive or changeable type in which the pictures may readily be changed and in which the frame is of a simple and economical construction.

With these and other objects and advantages in view, the invention embodies a substantially rectangular shaped frame having top, bottom, and side rails with blocks having slots in inner surfaces thereof slidably mounted in grooves in the top and bottom rails and with strips of transparent material mounted in the slots of the blocks and adapted to be held in tension by screws extended through the top and bottom rails of the frame and into said blocks.

Other features and advantages of the invention will appear from the following description, taken in connection with the drawing, wherein:

Figure 1 is a front elevational view of the improved changeable sign or picture, part of the frame being broken away to illustrate the construction thereof.

Figure 2 is a vertical section through the frame taken on line 2—2 of Figure 1 showing the picture holding elements.

Figure 3 is a sectional plan through the frame taken on line 3—3 of Figure 1 also showing the arrangement of the picture retaining elements.

Figure 4 is a perspective view looking toward the frame from one side thereof wherein a picture positioned on strips of material between the transparent strips is visible.

Figure 5 is a view similar to that shown in Figure 4 looking toward the opposite side of the frame wherein a different picture is displayed.

Figure 6 is a cross section through the lower part of the frame, similar to that shown in Figure 2, illustrating a modification wherein the screwdriver actuated screws are replaced with a screw having a wing nut or head thereon.

Figure 7 is a similar cross section showing a further modification wherein the screws are provided with knurled heads.

Referring now to the drawing, wherein like reference characters denote corresponding parts, the improved progressive picture of this invention includes a frame having an upper rail **10**, a lower rail **11**, end rails **12** and **13** and a back **14** hinged to the rail **13** with hinges **15** and **16** and secured in the closed position by a fastener **17** positioned on the end rail **12**.

The upper and lower rails are provided with longitudinally disposed grooves **18** and **19** in which sliding blocks, such as the blocks **20** in the rail **10** and **21** in the rail **11** positioned in the grooves **18** and **19**, respectively, are held by screws **22** extended through openings **23** and **24** in the rails **10** and **11** and threaded into openings in the blocks whereby upon loosening the screws thin strips of plastic or other suitable transparent material, as indicated by the numerals **25** and **26** are bowed outwardly to facilitate removing and inserting strips of a picture in the area between the strips.

In the design illustrated in Figure 1, the screws are provided with frusto-conical shaped heads **27** that are positioned in countersunk openings **28** and with ends of the strips of transparent material secured in the blocks with pins **29** tension may be placed in the strips **25** and **26** by tightening the screws.

In assembling the frame, a picture, such as the picture **30**, is positioned on the face of the back **14** and additional pictures are cut into strips of the same width as that of the transparent strips **25** and **26** and with tension in the strips relieved strips of paper cut from the picture are positioned between the strips **25** and **26** whereby upon tightening the screws at the ends the blocks of the different strips are drawn into the grooves in the upper and lower rails **10** and **11** so that tension may be applied to the strips and the strips of the picture retained flat, being between the strips of transparent material. Should stretch develop in the strips **25** and **26** after use of the frame for a considerable time, the stretch or slack is adapted to be taken up by rotating the screws **22**.

It will be understood that other means may be provided for mounting the thin transparent slips or strips in

a frame for progressive pictures and the like, or for other means and after being mounted in the frame a person looking at the frame will see one picture as he approaches the frame, another picture as he stands in front of the frame and still a third picture upon looking back after leaving the frame.

As illustrated in Figure 2, the lower rail **11** in which the groove **19** is positioned is provided with an inner or front flange **31** and a similar inner flange **32** and, as shown in Figure 2, the door **14** is positioned in an opening **33**, surrounded by the flange **32**.

In the design illustrated in Figure 6, a frame having a base **34** with an inner flange **35** and an outer flange **36** is provided with a groove **37** in which a lower rail **38** is positioned and the rail **38** is adjustably held in the frame with a screw **39**, on the outer end of which is a wing nut **40**.

The design shown in Figure 7 is also similar except that a screw **41**, similar to the screw **39**, is provided with a knurled head **42** and the screw extends into a block **43**, similar to the blocks **20** and **21**, the blocks being mounted in a groove **44**, similar to the groove **19**, and the adjusting screw **41** extending through a base **45** and being threaded into the block **43**. The head **42** of the screw is positioned in a counterbore **46** in the outer surface of the rail.

It will be understood that the parts may be patterned and secured together to correspond with certain conditions.

In preparing a frame, a picture, such as the picture **30**, is positioned against the face of the back **14** and with additional pictures divided into thin narrow strips the strips are properly assembled and with the screw loosened, positioned between the transparent strips **25** and **26**, as shown in Figure 1, wherein the paper strips of pictures are indicated by the numeral **47**. With the paper strips in position, the screws are tightened placing tension in the transparent strips **25** and **26** and positively retaining the paper strips of the picture in position therein.

With a different picture positioned in each side of the transparent strips, one picture will be observed when looking toward the frame from one side thereof, as shown in Figure 4, and another picture will be observed when looking from the opposite side, as shown in Figure 5. By this means pictures may be changed daily, weekly, or as desired, and with advertising matter positioned on the frame for use in combination with the frame, interest may be held in the device continuously.

The interchangeable triple view sign of this invention

may be made in different sizes, colors, and designs and may be provided for various uses.

It will be understood that modifications, within the scope of the appended claims, may be made in the design and arrangement of the parts without departing from the spirit of the invention.

What is claimed is:

1. An interchangeable triple view sign comprising a rectangular shaped frame having upper, lower, and end rails and having a hinged back, spaced parallel pairs of transparent strips of material extended between the upper and lower rails, means adjustably mounting ends of the strips of transparent material in said upper and lower rails, means for adjusting the tension in said transparent strips of material, said strips of transparent material being positioned perpendicular to the back of the frame.

2. In an interchangeable triple view sign, the combination which comprises a frame having upper, lower, and end rails, said upper and lower rails having grooves in inner surfaces thereof, blocks having slots in inner faces freely positioned in said grooves of the upper and lower rails, pairs of strips of transparent material extended between the blocks, with ends of said strips of transparent material retained in the slots of the blocks, screws extended through the upper and lower rails and threaded in said blocks for adjusting the positions of the blocks to increase and relieve tension in the strips of transparent material, and a door hinged in the back of the frame.

3. In an interchangeable triple view sign, the combination which comprises a frame having upper, lower, and end rails, said upper and lower rails having grooves in inner surfaces thereof, blocks having slots in inner faces freely positioned in said grooves of the upper and lower rails, pairs of strips of transparent material extended between the blocks, with ends of said strips of transparent material retained in the slots of the blocks, screws extended through the upper and lower rails and threaded in said blocks for adjusting the positions of the blocks to increase and relieve tension in the strips of transparent material, a door hinged in the back of the frame, a picture positioned against the face on the inner side of the back, and strips of pictures positioned between the transparent strips of material with the picture portions on the strips facing outwardly.

References Cited in the file of this patent

FOREIGN PATENTS

407,083 Great Britain ---------- Mar. 12, 1934