May 17, 1949. A. H. ECKMAN 2,470,295

SPACE SCOPE

Filed July 19, 1946

Fig. 1.

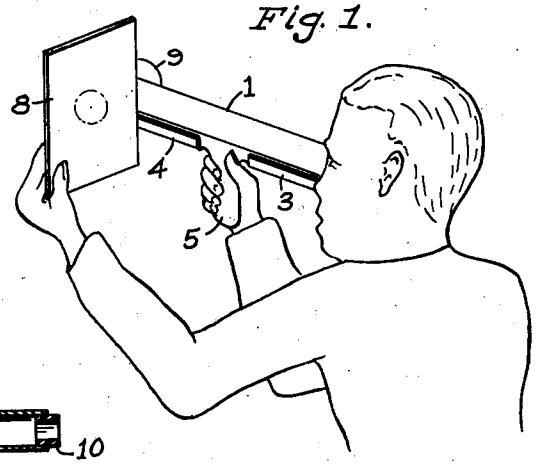


Fig. 4.

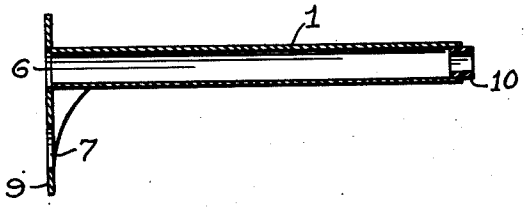


Fig. 2.

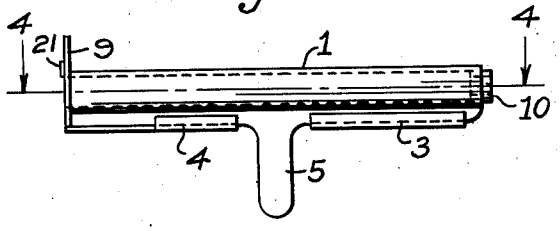


Fig. 3.

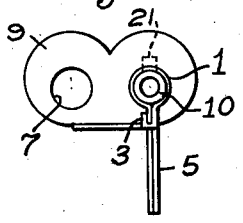
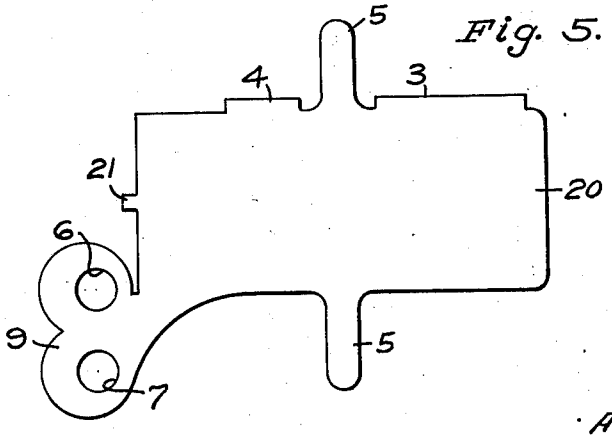


Fig. 5.



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2,470,295

SPACE SCOPE

Albert Hanford Eckman, Ponca City, Okla.

Application July 19, 1946, Serial No. 684,844

1 Claim. (Cl. 272—8)

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This invention relates to improvements in amusement devices, and more particularly to devices for producing optical illusions.

It is an object of the invention to provide an amusement device which is not only a source of entertainment, but also instructive in illusionary effects.

A further object is the provision of a novelty amusement device which can be inexpensively made from a blank and has only two parts.

A further object is the provision of a novelty device to produce an optical illusion, the device being so simple in operation as to require very simple instructions as to its use.

These and other objects are attained by the novel construction and arrangement of parts hereinafter described and illustrated by the accompanying drawings, forming a part hereof, and in which:

Fig. 1 is a perspective view showing the manner in which the device is used.

Fig. 2 is a side elevational view of the device.

Fig. 3 is a rear view of the device.

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

Fig. 5 is a plan view of a blank for forming the device.

Referring to the drawings, in Figs. 2 and 3, the device is shown to comprise a tube 1, having at one end a plate 9 having a pair of holes 6 and 7, of the same diameter of the tube, one of the holes coinciding with the tube, and the other hole offset from the tube. At the opposite end, the tube 1 has positioned therein a small felt cylinder 10 adapted to fit closely to one eye of an observer. The cylinder 10, obviously, can be made of other materials than felt, such as rubber, or any material which will exclude outside light from the eye looking through the tube.

In use, observations are made with the felt cylinder or pad 10 tightly held over the right eye. An object is held adjacent the hole in plate 9 not coinciding with the tube, as shown in Fig. 1. Both eyes are kept open, and the eyes are focussed into distance. The object, such as a book, hand, steel plate, or any object, will appear to have a hole through it.

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It will be seen that the device is not only a source of amusement for adults as well as children, but also providing means for illustrating an optical illusion.

In Fig. 5 is shown a blank from which the tube and plate are formed. The main body of the blank, 20, is bent to form tube 1 with flanges over which are bent tabs 3 and 4. The blank is provided with projections 5 which are bent to form a handle, and the plate 9 is bent into position as shown in Fig. 3. A small tab 21 at the end of the blank is bent to hold the plate 9 properly in position.

From the above, it will be seen that there has been provided a simple novelty device, which can be inexpensively manufactured, and capable of use with a minimum of instruction.

The above description is to be regarded as illustrative and not limitative of the invention, of which modifications can be made without departing from the spirit and scope of the invention as set forth in the appended claim.

The invention having been described, what is claimed is:

In an optical illusion device, a tubular member having an extended flange at one end with an opening through the flange positioned concentric with the axis of the tube and communicating with the interior of the tube and a second opening through the flange spaced from the former opening and axis of the tube, a distance corresponding with the distance between the eyes of the user of the device, the size of the said second opening being equal to that of the former opening, said tube having a downwardly extending handle positioned intermediate of the ends, and a tubular felt eye piece positioned in and extending from the end of the tube opposite to the end on which the flange is positioned.

ALBERT HANFORD ECKMAN.

REFERENCES CITED

The following references are of record in the file of this patent:

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