Aug. 10, 1926. 1,595,881

F. W. SCHULTZ

MOVING PICTURE TOY

Filed Feb. 28. 1923

Fig. 1.

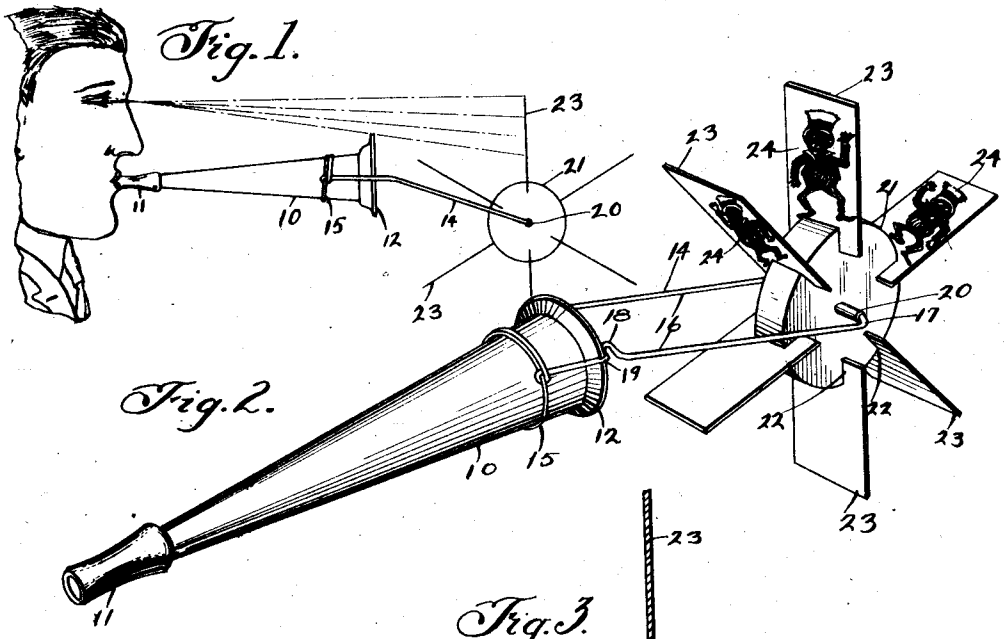


Fig. 2.

Fig. 3.

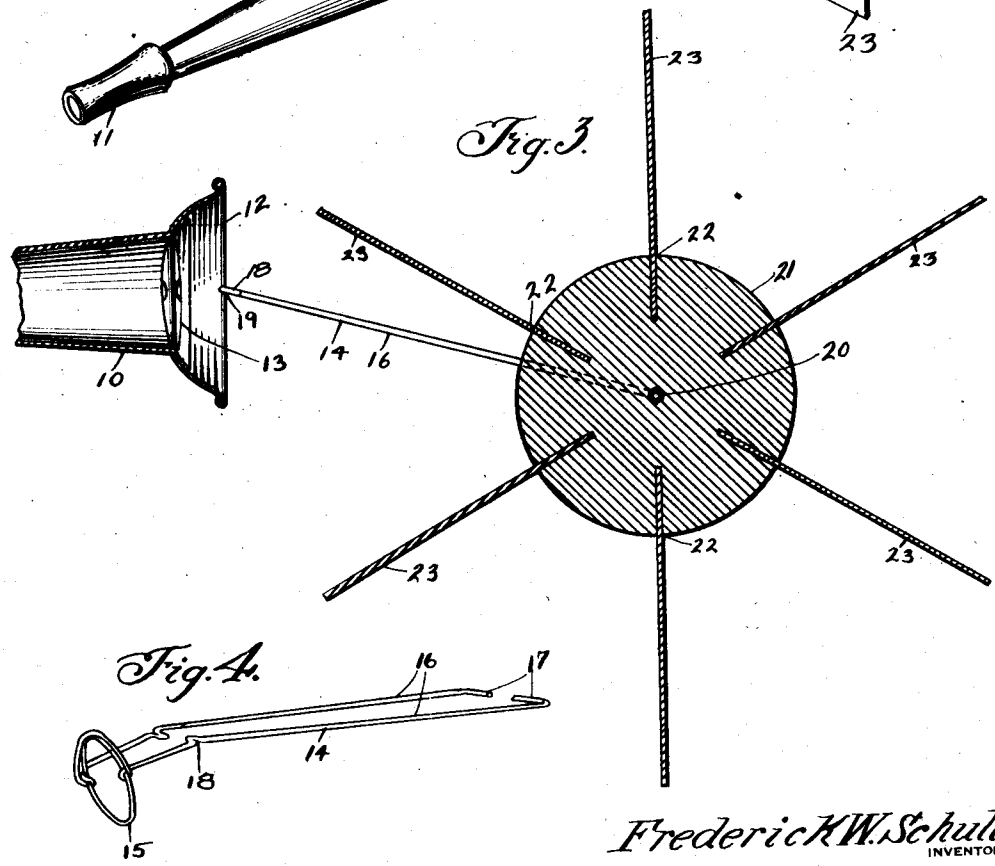


Fig. 4.

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MOVING-PICTURE TOY.

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This invention relates to toys and more particularly to a wind actuated toy.

The principal object of the invention is the provision of a plurality of paddles having pictures thereon of respectively different postures, and interchangeably mounted whereby a blast of air subjected to the paddles will serve to rotate the wheel giving the pictures an animated or moving picture effect.

Another object of the invention is the provision of a device of the nature mentioned wherein a wind actuated sounding device is employed for subjecting an air blast to the paddles which are mounted upon a wheel, the wheel being mounted in such relation at one end of the sounding device as to permit the eye of the operator to view the pictures on the paddles which are presented in a moving or animated effect.

A further object of the invention resides in the construction of a toy including a series of paddles, each paddle provided with a picture thereon of relatively different postures, and means for removably supporting the paddles whereby one series of paddles may be removed and another series substituted therefor.

A further object of the invention is the provision of a toy having a wind actuated sound producing instrument such as a horn, whistle or the like, the wind therefrom utilized for rotating a plurality of picture bearing paddles for producing a moving or animated effect of the pictures.

With these and other objects in view, the invention resides in certain novel construction and combination and arrangement of parts, the essential features of which are hereinafter fully described, are particularly pointed out in the appended claim, and are illustrated in the accompanying drawing, in which:—

Figure 1 is a diagrammatic view showing the invention in use.

Figure 2 is a perspective view of my improved toy.

Figure 3 is a vertical longitudinal sectional view therethrough.

Figure 4 is a detail perspective view of the frame for supporting the wheel.

Referring more particularly to the several views of the drawing, the reference numeral 10 designates an air conduit which in the present instance is shown as a horn, but it is to be understood that various other devices may be used, such as a whistle or the like. The horn 10 is provided with a mouth piece 11 at one end and is flared at its other end to form a bell shape portion 12. The horn tapers from this bell shape portion 12 to the mouth end and mounted in the enlarged end thereof is a sound producing element such as a whistle 13. Although a whistle has been shown as applied to this particular end of the horn no limitation is necessarily made to this arrangement as a reed may be mounted in the mouth end should the same be desired.

Supported by the horn 10 is a frame 14 made from a single piece of material such as wire and bent to form a loop 15, legs 16 and bearing portions 17, the same being bent inwardly at right angles to the legs 16. The legs 16 have a portion bent downwardly and offset as at 18, the said offset portion being disposed beyond the bell shape portion when the frame is in position upon the horn. It will thus be seen that the frame is removable with relation to the horn 10 and is secured thereon by passing the loop 15 over the mouth end of the same and sliding it to the upper end adjacent the bell shape portion, where it will wedge. The bell shape portion 12 is provided with diametrically opposed notches 19 for the reception of the legs 16 of the frame. By this arrangement the frame 14 is prevented from turning about the horn and is held rigid therewith.

The bearing portions 17 receive a sleeve 20 upon which is keyed by means of friction, a wheel 21. The wheel 21 is mounted for rotation upon the bearings and is provided with a plurality of radially disposed kerfs 22 of a width and depth to receive and securely hold a series of paddles 23. Each paddle 23 has thereon a picture 24 of a person, and each picture illustrates respectively different postures. It is to be understood, however, that whereas the picture of a person is shown the same may be of an animal or other similar objects.

From the foregoing it will be manifest that by bending the legs 16 downwardly the paddles are disposed at such a plane as to be subjected to the blasts of air transmitted from the mouth to the picture, through the horn, the pictures of course facing so as to be visible by the eye of the operator while blowing within the horn. It is of course understood that the wheel rotates clockwise and with such rapidity as

to give the pictures an animated or moving picture effect, the same being caused by the persistance of vision.

It will be understood that there has been shown and described what is considered the preferred form of my invention, it is to be understood that no limitation is necessarily made to the precise structural details herein exhibited, but that changes, alterations and modifications as come within the claim may be resorted to when desired.

What is claimed as new is:—

A toy comprising a tapered tubular member, a frame constructed from a single length of wire and including a ring like portion at one end adapted to surround said tubular member, and spaced parallel limbs projecting from said ring longitudinally of said tubular member and terminating to provide inwardly directed offset extremities, a paddle wheel journaled on said extremities in advance of said tubular member, said tubular member having notches in one end thereof, and inwardly directed U-shaped portions formed on said parallel limbs and arranged to be received by said notches to cooperate with said ring and holding the frame fixed on said member.

In testimony whereof I have affixed my signature.

FREDERICK W. SCHULTZ.