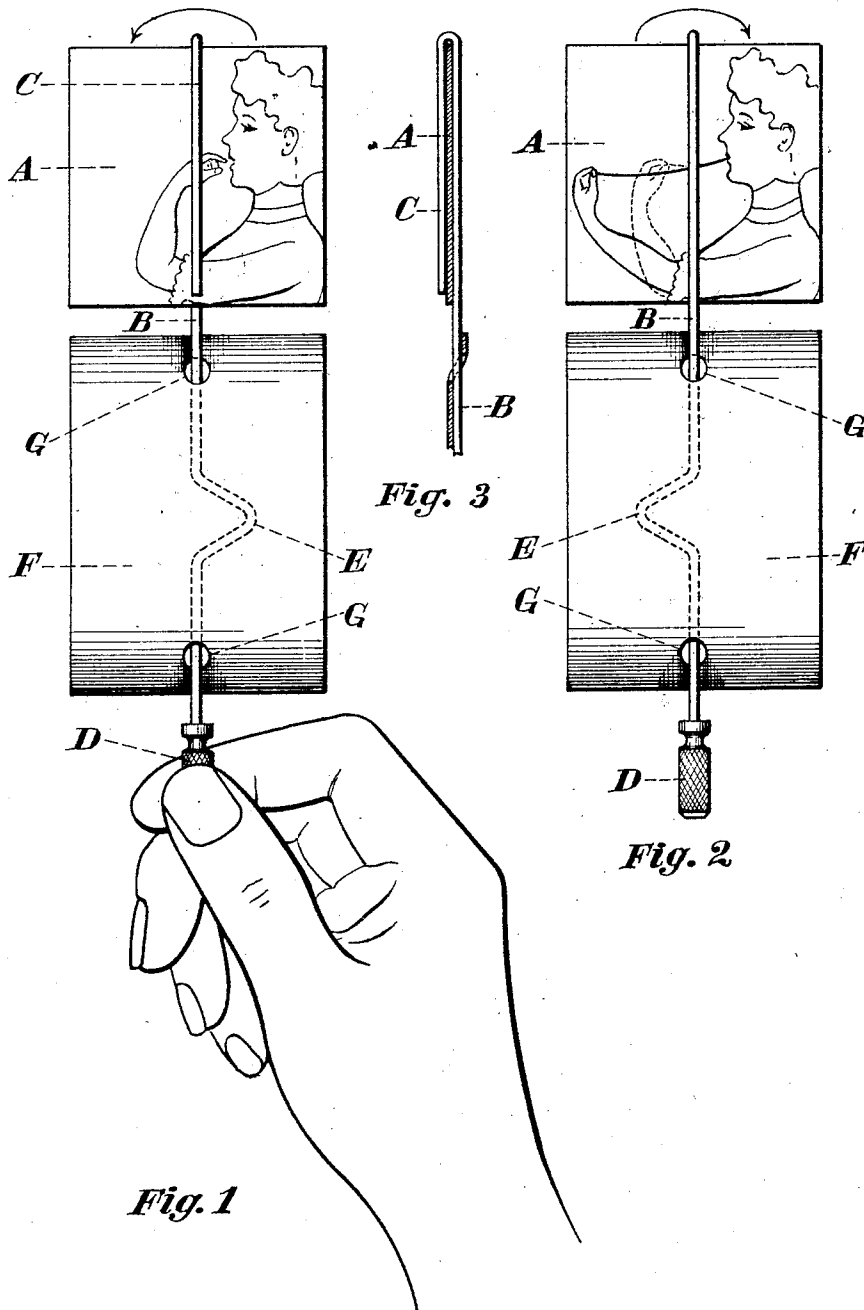


E. W. DAVIS.
MOVING PICTURE DEVICE.
APPLICATION FILED SEPT. 3, 1910.

1,004,382.

Patented Sept. 26, 1911.



WITNESSES:

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MOVING-PICTURE DEVICE.

1,004,382.

Specification of Letters Patent. Patented Sept. 26, 1911.

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To all whom it may concern:

Be it known that I, ERNEST W. DAVIS, a citizen of the United States, residing at the city of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Moving-Picture Devices, of which the following is a specification.

My invention relates to moving picture devices in which apparent motion is due to the persistence of vision.

It also relates to the foreshortening of the pictures, as will be more fully described hereinafter.

The object of my invention is to provide a moving picture device which is of simple construction, which can be manufactured at a low cost, which can be packed within small compass, and which can be successfully operated under all ordinary conditions of illumination.

My invention comprises a card having pictures of an object in two positions, on the opposite sides thereof, and means for alternately presenting to view at momentary rest the opposite sides of said card.

The several features of my invention may be more readily understood by reference to the accompanying drawing, which shows the preferred embodiment of the invention as adapted to an advertising novelty.

Figure 1 is a front elevation. Fig. 2 is the same view as Fig. 1, but with the pictured card A revolved 180°. Fig. 3 is a longitudinal section through the center.

A suitable card A has printed pictures representing an object in different positions, on the opposite sides thereof. The pictures here shown are intended to represent a girl in the act of pulling a string of chewing gum from her mouth. The picture on one side represents the girl with her hand to her mouth, as shown in Fig. 1, while the picture on the opposite side shows the girl's hand extended as in Fig. 2.

The pictured card A is secured to a rotatable shaft B, which consists of a piece of wire, bent at one end to provide a clip C, for holding the card A, and provided with a knurled cylinder D, which may be rotated between the thumb and finger, as shown in Fig. 1. The shaft B, is also provided with

a stop E, which may consist of an off-set portion of the wire shaft B, bent V-shaped, as shown.

A second card F, on which advertising matter may be printed, is provided with perforations G, G, which act as bearings for said shaft B. The card F also engages with the stop E, on the shaft B, and limits the rotation of the shaft and pictured card A, to approximately 180°.

In operation the card F is held in the left hand and the pictured card A is intermittently and alternately rotated in opposite directions with the right hand, by means of the knurled cylinder D. The pictures thus viewed while at momentary rest in alternate positions will produce moving picture effects, as will be readily understood.

Obviously the specific means for rotating the card as here shown could be modified; or the card could be rotated about its perpendicular axis.

The specific construction here shown could be modified in many other ways without departing from the spirit of the invention, the scope of which is intended to be limited only by the following claims:

I claim:

1. In a moving picture device the combination of a card having pictures of an object in different positions on the opposite sides thereof, a wire shaft bent at one end to form a clip for holding said card, a second card in which said wire is journaled, and means for alternately rotating said shaft.

2. In a moving picture device the combination of a card having pictures of an object in different positions on the opposite sides thereof, a wire shaft having one end bent back upon itself so as to leave a small space between the two portions of wire, said card being held in said space, a second card in which said wire is journaled and means for rotating said wire in alternating directions.

3. In a moving picture device, the combination of a card or the like having pictures of an object in different positions on the opposite sides thereof, said card being rotatable about one of its planar axes; a

piece of wire bent to provide a clip for holding said card and having a V-shaped bend intermediate of its two ends; a second card having perforations therein; said perforations to receive said wire and provide bearings in which said wire may be rotated; 5 said V-shaped bend to engage with said second card and limit the rotation of said wire to approximately 180°; and a knurled

cylinder attached to the lower end of said 10 wire, for the purpose specified.

In testimony whereof I hereunto affix my signature in the presence of two subscribing witnesses.

ERNEST W. DAVIS.

Witnesses:

C. K. CHAMBERLAIN,
A. S. PHILLIPS.