

No. 660,025.

Patented Oct. 16, 1900.

A. PEMBERTON.

TOY.

(Application filed Mar. 29, 1900.)

(No Model.)

Fig. 1.

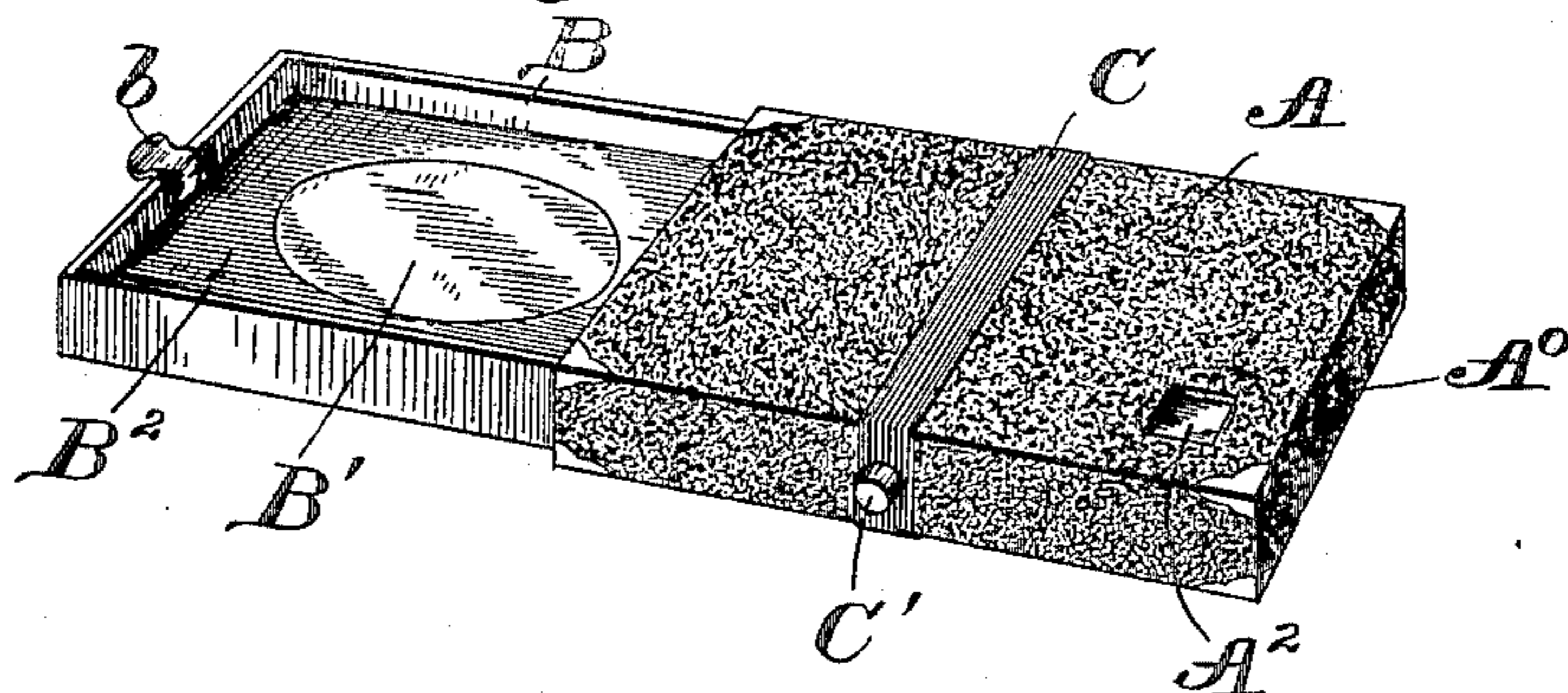


Fig. 2.

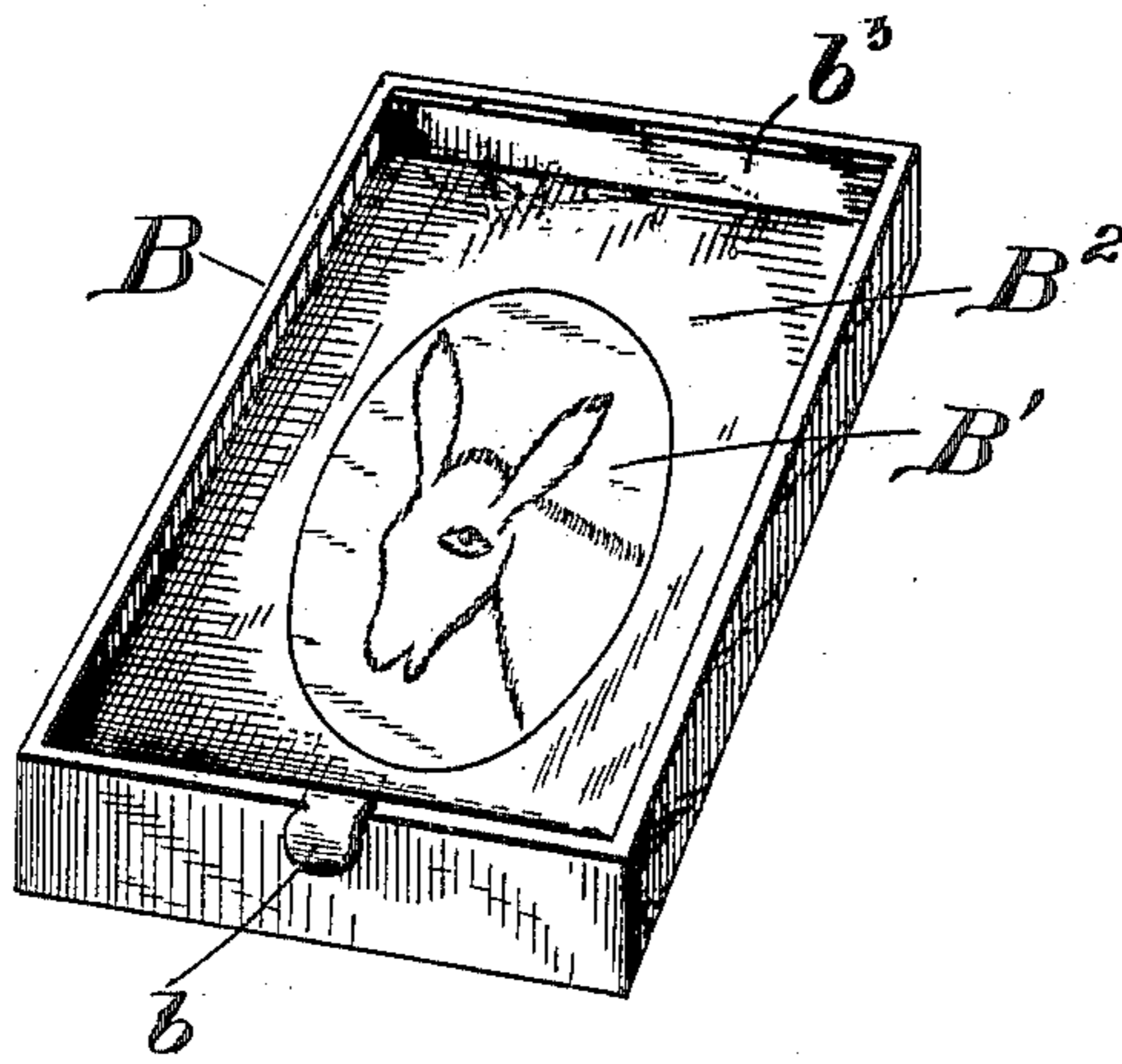
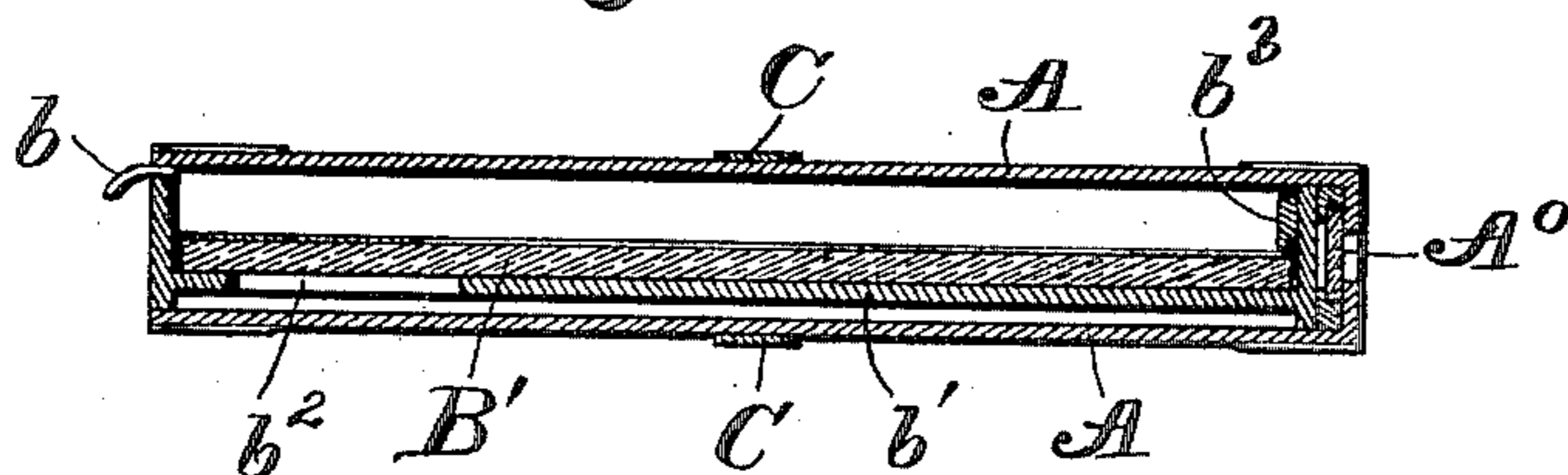


Fig. 3.

Witnesses

Recy C. Bowen.
John Melrose Wilson.

Inventor

Inventor
A. P. Webster,
by Peterson & Jones
Attorneys

UNITED STATES PATENT OFFICE.

ALBERT PEMBERTON, OF EMPORIA, KANSAS.

TOY.

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Application filed March 29, 1900. Serial No. 10,660. (No model.)

To all whom it may concern:

Be it known that I, ALBERT PEMBERTON, a citizen of the United States, residing at Emporia, in the county of Lyon and State of Kansas, have invented certain new and useful Improvements in Toys; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in mechanical toys; and it has for its object to provide a novel and interesting toy which, aside from its qualities of affording amusement, is also well adapted for the purposes of advertising by means of advertising matter printed or stamped thereon, to which the attention of a person would be called by the unique qualities of the article.

My invention will be understood by reference to the accompanying drawings, wherein the same parts are indicated by the same letters throughout the several views.

Figure 1 represents a perspective view of my device in its open condition. Fig. 2 is an enlarged sectional view taken transversely through the device; and Fig. 3 is a perspective view of the sliding frame, containing a normally-invisible picture, which forms a portion of my invention.

Referring to Fig. 1, which shows the device complete, A represents an inclosing case or box covered, preferably, with leather or an imitation thereof, and provided with opening A^0 at one end, fitted with a plate of glass and simulating the lens-opening of a small pocket-camera and having on one face near the said end a square opening A^2 , fitted with a plate of glass and simulating the "finder" of such a camera. The exterior of the box is made to have the appearance of a small pocket-camera and for this purpose is ornamented or finished in any appropriate manner to give this appearance. The opposite end of the box or case A from that in which the small opening A^0 is formed is completely open, and the case itself is hollow.

B represents a frame which is arranged to fit snugly within the case A, being of just sufficient length to be completely inclosed in said case, and this frame is arranged to slide into and out of the said case A through the open

end of the case. The frame B has a leather lug b formed upon or attached to one end, by means of which the said frame may be readily drawn out of the case.

B' represents a glass plate which fits closely within the frame B. The frame B has a bottom b' , provided with an opening b^2 for the insertion of the tip of a finger for the purpose of elevating the plate to facilitate its removal from the frame. The plate is retained within the said frame by means of a strip b^3 at one end or in any other convenient way. The said glass plate B' has formed thereon a normally-invisible outline of an image of some sort, represented in Fig. 3 as being that of a donkey's head. This may, however, be of any preferred image for purposes of amusement or caricature or advertisement. Upon the face of the glass plate B is pasted a paper mat B^2 , having an oval or other shaped opening through which the image upon the glass may be made to appear.

The image is formed upon the glass by means of a crayon or other sharp or granular implement in the nature of an etching and is rendered normally invisible by the surface of the glass being rubbed and polished until the image disappears when the glass is dry. By reason of the slight scratches or incisions upon the surface of the glass, which go to make up the outline of the image, still remaining after the glass has been polished the image may be made to appear by the application of moisture to the surface upon which the image has been so formed. The moisture from the breath of a person is sufficient to cause the image to appear when desired, and upon the evaporation of this moisture and the consequent drying of the surface again the image will disappear. This image may be formed free-hand or with the aid of a stencil, and for the purpose of making the image a crayon of French chalk sharpened in the form of a pencil is preferably used. When the image has been formed in this manner, it is at first visible, but is made normally invisible by first thereafter washing the surface of the glass perfectly and then rubbing with damp and dry cloths until the image becomes invisible. This rubbing, however, does not entirely remove the irregularities, but simply imparts to the surface a finish, which

renders the lines composing the image normally invisible, as hereinbefore stated. The frame B, containing the glass plate B', is normally concealed within the case A.

5 To complete the effect of a pocket-camera as to its manipulation, I provide an elastic band C or some similar arrangement, the said elastic band inclosing or partially inclosing and being secured to the outside of
10 the case and having fixed thereto a button or knob C', by means of which button or knob the person holding the article may draw the band slightly away from the body of the case and cause it to snap suddenly back against
15 the case with a sharp noise resembling that of the "click" of the shutter of a pocket-camera.

The article is used as follows: The person holding the case A, with the frame B inclosed
20 therein, calls attention of a person whose photograph is supposed about to be taken, and after "pointing" the camera and seemingly adjusting the focus by looking into the opening A², which corresponds with the ordinary "finder" of a hand pocket-camera,
25 with the fingers of one hand grasps the button C' on the elastic band C and withdrawing the same slightly allows it to snap back against the side of the case, causing a sharp
30 noise, which resembles the click of a camera-shutter. The hand of the person conceals the manner in which the button is manipulated, so that the deception is practically complete, and the effect is that of the ordinary manipulation
35 of a hand pocket-camera. After thus manipulating the camera and thus seemingly making an exposure the person manipulating the device then draws the frame B out of the case sufficiently to expose the portion of the glass
40 plate containing the image, and after removing the plate from the said frame then hands it to the person whose photograph is supposed to be taken, at the same time informing him that by blowing his breath upon the face of
45 the plate he may develop the photograph; or, if preferred, the device may be handed to the person with instructions to draw out the frame and then blow his breath on the face of the plate to develop the picture.

50 As hereinbefore stated, the moisture of the

breath causes the normally-invisible image to appear for an instant, and if the person is not familiar with the device the deception and the consequent surprise upon the appearance of the image produced upon the glass will be complete. 55

The device is intended entirely as a novelty or a toy or a device for advertising, and is well adapted to attract attention to any advertisement which may be displayed in connection therewith or used thereon. 60

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In a toy, the combination with an inclosing case, provided with apertures fitted with plates of glass, and being open at one end, of a frame fitting within said open end of the case and arranged to slide into and out of said case and a surface having a normally-invisible image thereon made visible by moist vapor, mounted in said frame, substantially as described. 65 70

2. In a toy, the combination with a hollow case simulating in exterior appearance a hand-camera, said case being open at one end, and a device mounted upon the exterior of said case adapted to be caused to snap against the side thereof; of a frame fitting the open end of said case and a transparency having thereon a normally-invisible image which may be made to appear by the application of moist vapor to the surface thereof, substantially as described. 75 80

3. In an optical toy, the combination with an inclosing case, of a frame arranged to be slid into and out of said case, a transparency having an image thereon, normally invisible but may be made to appear by the application of moist vapor, and a mat mounted upon the face of the said transparency and surrounding the said image, substantially as described. 85 90

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

ALBERT PEMBERTON.

Witnesses:

W. T. McCARTY,

T. B. RIGGS.