Aug. 8, 1933. P. WEBER 1,921,017

TOY GUN

Filed May 28, 1930

Fig. 2

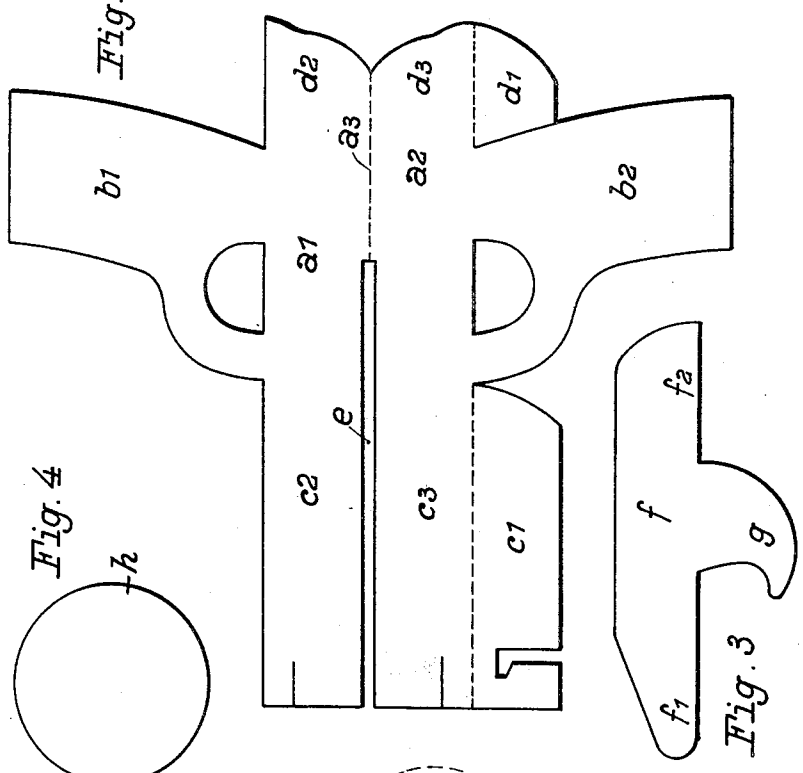

Fig. 4

Fig. 3

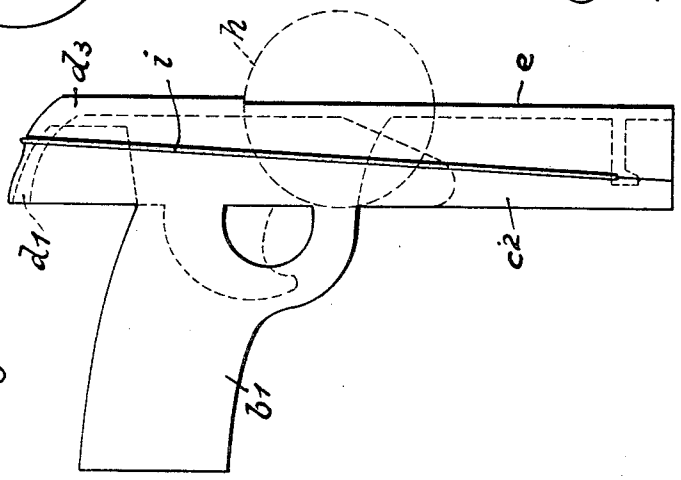

Fig. 1

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TOY GUN

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9 Claims. (Cl. 124—14)

This invention relates to a toy fire arm adapted to be used also for advertising purposes, in which small cardboard discs or the like are shot with the aid of a tensioned elastic band. It is known to make such small guns by bending from flat parts, for example made of cardboard.

The novelty of the invention consists in the shape hereinafter described of the blank from which the gun is bent. Owing to this shape of the blank a barrel for the discs to be shot is formed by bending, said barrel being open on its entire length at the top and forms at the bottom a guide path, which guides both the discs being shot, as also the slide for stretching and releasing the elastic band.

An embodiment of the invention is illustrated by way of example in the accompanying drawing in which:—

Fig. 1 shows the finished bent gun.

Fig. 2 shows the blank, from which the gun is bent.

Fig. 3 is the slide to be inserted in the gun for stretching and releasing the elastic band.

Fig. 4 represents a disc adapted to be shot from this gun.

The blank illustrated in Fig. 2 is, according to the invention, provided with a slot *e*, extending in longitudinal direction and of the same length as the barrel, produced by bending together the blank. In this manner the barrel, in which the disc to be shot is inserted, is open on its entire length at the top. At the bottom the two barrel halves c^2 and c^3 of the blank are connected together by folding over a flap c' which, in the example illustrated, is connected to the barrel half c^3. This hinged flap forms a guide on the bottom of the barrel, both for the disc *h* to be inserted and discharged therefrom, as also for a slide *f*, with the aid of which the elastic band *i*, serving for discharging the disc, is stretched and released in known manner. In order to ensure that this slide is guided as accurately as possible in the barrel, open at the top, it is provided at the front and at the rear of its trigger *g* with a long arm f' and f^2 respectively. The front arm f' slides on the path formed by bending over the hinged flap c'. A guide path is formed for the rear arm f^2 by bending over a flap d', hinged on the rear part d^3 of the barrel half c^3.

I claim:—

1. A flat toy gun adapted for advertising purposes, bent from a flat blank having a slot on its longitudinal center extending from the front end of the blank rearwardly to partially divide the blank into halves, each having a barrel and a stock portion, said slot terminating in spaced relation to the rear of the blank to provide a hinge between said halves, in combination with an elastic band on said barrel, a detent element adapted to stretch and release said elastic band composed of a trigger element, a long arm at the rear and a long arm at the front of said trigger said arms adapted to guide said detent element in said open barrel.

2. A flat toy gun adapted for advertising purposes, bent from a flat blank having a slot on its longitudinal center extending from the front end of the blank rearwardly to partially divide the blank into halves, each having a barrel and a stock portion, said slot terminating in spaced relation to the rear of the blank to provide a hinge between said halves, in combination with a flap hinged on one of the halves of said barrel and adapted to be fastened on the other half to serve as guide for the discs to be shot from the toy gun and for the front arm of the trigger.

3. A toy gun formed of a blank of thin material and comprising two symmetrical portions, each simulating the barrel and stock of a gun in outline, said portions being foldably connected at the rear upper edges of the barrel portions, the top edges of said barrel portions being free from each other forward of the foldable connection whereby to provide an open slot in the top of the barrel forward of the foldable connection, the rear ends of the barrel portions being provided with a notch, an elastic band secured to the forward ends of the barrel portions and adapted to be stretched and seat in said notch, a detent element including a longitudinally extending portion slidable between the barrel halves to release the elastic band and having a depending trigger portion, and spaced flaps on the lower edge of one of the barrel portions and folded up between the barrel portions to form a guide for said detent.

4. In a device of the character described, formed of a blank of flat material comprising two substantially symmetrical halves being foldably connected over the rear portion of the symmetry axis, the edges of said halves forward of said foldable connection being separate from each other to form a slot extending to the front end; a notch at the rear end of said device; an elastic band secured to the front end and adapted to be stretched and seated in said notch

for projecting an object placed in said slot and in the direction thereof; a detent element slidably arranged between said halves to release said band; and at least one flap on the lower edge of one of said halves folded up to serve as a connection of said halves and to form a guide for said object.

5. In a device as described in claim 4 in which said slot is obtained by means of a symmetrical cut to the folding axis of said halves forward of the foldable connection.

6. In a device as described in claim 4 in which said detent element is provided with longitudinal end portions slidable within part of said guide.

7. In a device of the character described, formed of a blank of flat material comprising two substantially symmetrical halves being foldably connected over the rear portion of the symmetry axis, the edges of said halves forward of said foldable connection being separate from each other to form an open slot extending to the front end of said device; a notch at the rear end of said device; an elastic band secured to the forward end of said device adapted to be stretched and seated in said notch for projecting an object placed in said slot and in the direction thereof; a detent element for releasing said band provided with longitudinal front and end portions; and a pair of spaced flaps at the lower edge of one of said halves folded up to serve as a connection of said halves and to form a guide for said longitudinal portions of said detent element.

8. In the device as described in claim 7 in which one of said flaps also serves as a guide for the object placed in said slot and to be projected in the direction thereof.

9. In a device as described in claim 7 in which said slot is obtained by means of a symmetrical cut to the folding axis of said halves forward of the foldable connection.

PAUL WEBER.