Aug. 21, 1934. C. GERACI 1,971,137

TOY GUN

Filed April 8, 1933

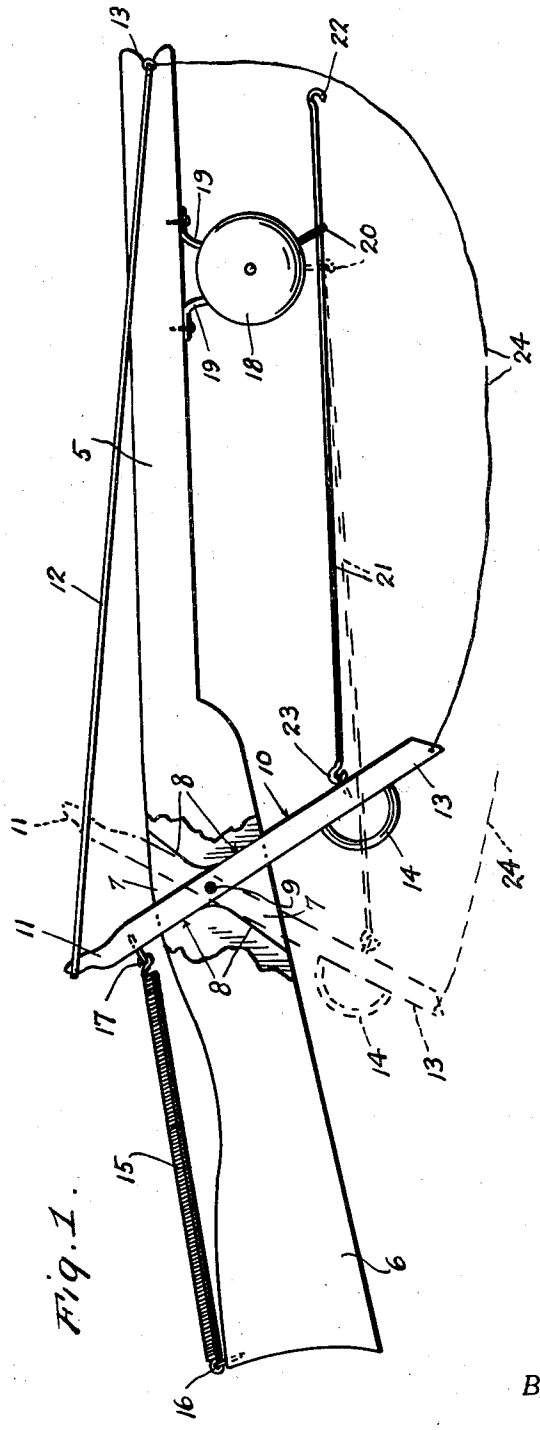


Fig. 1.

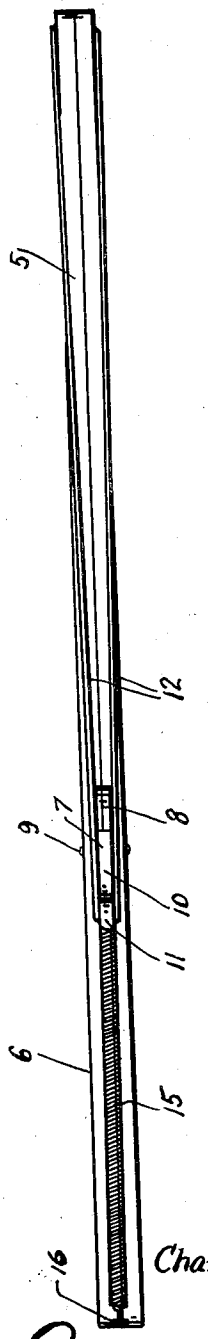


Fig. 2.

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TOY GUN

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4 Claims. (Cl. 124—14)

This invention relates to toy guns, and more particularly to the type of toy gun for shooting elastic bands.

In accordance with the present invention there is provided a toy gun of the character above mentioned which is of extremely simple construction, easy to manipulate, inexpensive to manufacture and is otherwise well designed for the purpose intended.

Further, in accordance with the present invention the toy gun is equipped with a bell or other suitable sound emitting device together with means for actuating the bell or sound device when the trigger is pulled for releasing the elastic band.

The invention together with its numerous objects and advantages will be best understood from a study of the following description, taken in connection with the accompanying drawing wherein is illustrated a preferred embodiment of the invention.

It is to be understood at the outset that the invention is not limited to the precise details of construction, combination and arrangement of elements herein shown and described, and accordingly I claim all such forms of the invention to which I am entitled in view of the prior art and scope of the appended claims.

In the drawing:

Figure 1 is a side elevational view of the gun, with parts broken away to illustrate certain details of construction to be hereinafter more fully referred to, and

Figure 2 is a top plan view of the gun.

Referring to the drawing by reference numerals it will be seen that the gun comprises a barrel 5 and a stock 6 which is integral with the barrel 5. At the junction of the stock and barrel the gun is provided with a slot 7 which as shown has its narrowest portion intermediate its ends, and its widest portion at the upper and lower ends of the slot, the ends of the slot being flared as shown, and the walls of the slot converging as they approach the intermediate portion of the slot from the ends of the slot to provide opposed abutments 8 at each end of the slot.

Suitably provided in the slot 7 is a pivot 9 with which is engaged a lever designated generally by the reference numeral 10 for rotation about the pin 9 as an axis. The upper end of the lever 10 extends above the upper end of the slot 7 and is suitably shaped to provide a hammer 11 for engagement with one end of an elastic band, the other end of which band is engaged in a notch 13 provided at the free end of the barrel 5. The lower end of the lever 10 extends below the slot 7 and provides a trigger 13 equipped with a suitable finger piece 14 to facilitate engagement of the finger with the trigger for rotating the latter to release the band 12.

The hammer 11 forming part of the lever 10 is normally retained in a yielding manner in a cocked position, that is to say, in the full line position shown in Figure 1 through the medium of a coil spring 15 that is connected in any suitable manner such as indicated generally at 16 to the stock 6 at the butt end thereof, and at a relatively opposite end connected to the hammer portion 11 of the lever 10 as at 17. As will be clear from a study of Figure 1 rotation of the lever 10 in an anti-clockwise direction under action of spring 15 is limited by reason of engagement of the lever by two of the abutments 8 while rotation of the lever 10 in an anti-clockwise direction for releasing the band 12 is limited by the remaining two abutments 8.

A bell or other suitable sound emitting element 18 is provided with a bracket 19 that is secured to the under side of the barrel 5. In the present instance the bell 18 is of a type well known, and commonly employed as a hand operated signal for bicycles and similar vehicles. The oscillating lever or control button 20 of the bell is in the present instance provided with an aperture for slidably accommodating a rod 21 which at one end is suitably formed as at 22 for engagement with the lever or button 20, and at a relatively opposite end provided with a hook engaging an eye on the trigger end 13 of the lever as indicated generally at 23. It will be noted that the connection between the bell lever or button 20, and link 21 is in the nature of a lost motion connection; and obviously when the trigger end 13 of the lever 10 is pulled for releasing the band 12 the end 22 of the rod 21 will engage the bell button or lever 20 and move the same to the dotted line position shown in Figure 1 for actuating the bell.

To prevent loss of the elastic band 12 the same at that end thereof engaged with the notch 13 is connected with the trigger end 13 of the lever 10 through the medium of a suitable length of cord or other flexible element 24.

In actual practice the elastic band 12 has one end thereof engaged with the notch 13, and the other end thereof engaged with the hammer portion 11 of the lever 10, and the spring 15 is of sufficient strength to overcome the action of the tension of the band 12 on the lever to retain the lever in the full line position shown in Figure 1, that is in a normally cocked position. When the

trigger end 13 of the gun is pulled the lever 12 will rock to the dotted line position shown in Figure 1 against the action of spring 15 releasing the band 12 and at the same time drawing the rod 21 through the aperture in the bell lever 20 to engage the end 22 of the rod with the lever 20 for actuating the lever to sound the bell as the trigger continues its movement to the dotted line position shown in Figure 1.

Having thus described my invention, what I claim as new is:

1. A toy gun for shooting an elastic band comprising a barrel and a stock together with a slot at the junction of the barrel and stock, a lever pivoted in the slot and projecting above the slot to provide a hammer and below the slot to provide a trigger, an elastic member having its ends respectively connected with the hammer and stock, a sound emitting device mounted on the gun, and having a control lever and a delayed motion operating connection between the said control lever and trigger to actuate the device when the trigger is pulled.

2. A toy gun for shooting elastic bands including in combination, a pivoted lever having one end adapted to be engaged with one end of an elastic band, a sound emitting device mounted on the gun, and including a control lever and a delayed motion operating connection between said levers to actuate the device when the pivoted lever is pulled to release the band.

3. A toy gun for shooting an elastic band including in combination, a pivoted trigger having an end to be engaged with one end of the band, a bell mounted on the gun, and including a control lever, and a rod having a loose connection with said lever and a pivotal connection with said trigger to sound the bell when the trigger is pulled.

4. A toy gun for shooting an elastic band comprising a barrel having a stock integral therewith and a slot at the junction of the barrel and stock, a trigger pivotally mounted within said slot and having one end adapted to be engaged with one end of an elastic band, a bell mounted on said barrel and having a control lever provided with an aperture, a rod slidable through said aperture and having one end projected to engage the control lever upon movement of the rod in one direction to sound the bell, a pivotal connection between said rod and trigger, and a spring device connected with the trigger and acting thereon in opposition to the tension of the elastic band to yieldably retain the trigger in one position with the first named end of said rod out of engagement with the lever of the bell.

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